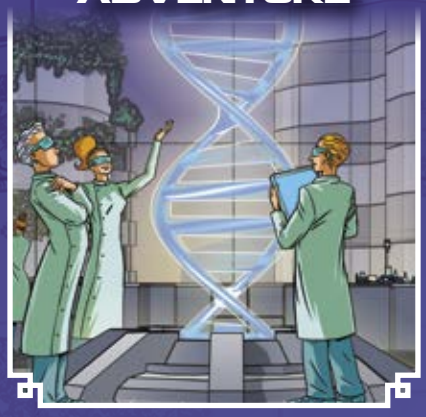
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LABWARE FOR YOU

AN EXTRAORDINARY ADVENTURE



AN EXTRAORDINARY ADVENTURE



CELL CULTURE

• 3D culture and complex cell models CORNING®

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Corning® ELPLASIA® Technology 2
Corning® Plates MATRIGEL® 3D Coated 3
GREINER BIO-ONE
CELLSTAR Cell-Repellent Treatment 3
GREINER MAGNETIC 3D Cell Culture M3D Technology 4 and 5
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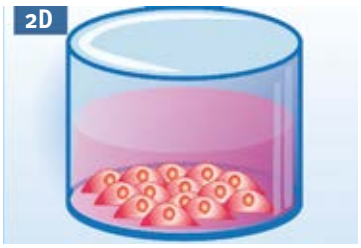
• PluriBeads Microbeads 127

3D CULTURE AND COMPLEX CELL MODELS

The different methods in cell culture

2D cell culture method

A traditional method used for decades, the cells are mainly deposited on a flat substrate and therefore form flat layers.



Advantages

- Easy to handle as it has been mastered for a long time
- Easy observation of cells
- Simple environmental control

Disadvantages

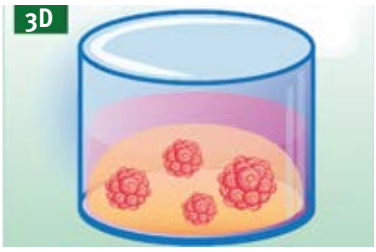
- Interactions between different cells in our body, are not glued flat to each other
- Does not create a real microenvironment because the cells in our body organise themselves differently
- Flat cells are not equally resistant to drugs

Consequences

- Analyses and tests are not very predictive because 2D cells have a different morphology and phenotype than *in vivo* conditions
- Some drugs that are ineffective in 2D would have been effective in 3D and vice versa
- Use of numerous animal tests to validate the first 2D results

3D cell culture method

A new method of culture where the cells are organised differently because the different methods used allow them to avoid lying flat.



Advantages

- Real cell-cell interactions
- True interactions between cells and the biochemical and physiological microenvironment
- Optimal diffusion of gradients (oxygen, nutrients, waste...)
- Different reaction to stimuli (temperature, pH...)

Disadvantages

- More complex culture method, but this is fading with the development of new media
- Harder cell observations: more suitable consumables and transparency techniques now improve these observations

Consequences

- Drug analyses and tests are becoming much more predictive
- Better representation of the real (physiological) conditions of our body
- Study of drug resistance in a more physiological way, with cells forming a real barrier
- Better screening of molecules of interest; less animal testing
- Time and financial savings

Once you want to go into 3D, what's next?

- You are patient, you like to read and you leaf through the following pages which will guide you in the choice of different media to get there.
- If you are impatient and want to move forward quickly, you can contact our team of cell culture specialists directly, who will analyse your scientific project and technical needs and offer you the best solutions to get there.

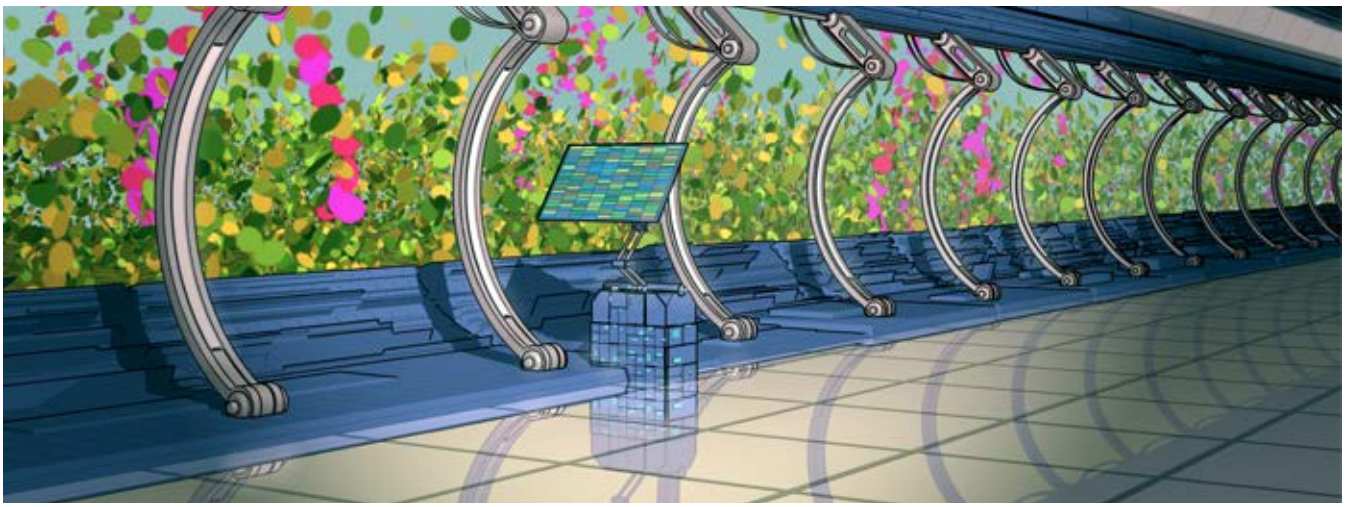
Your specialist contacts



Marie OSTERTAG
marie.ostertag@dulis.be



Romain GUEGAN
romain.guegan@dulis.be



Corning® Treatment ULA (Ultra-Low Attachment)

- Ultra-Low Attachment (ULA) surfaces have a hydrogel layer that minimises cell attachment, protein uptake and enzyme activation (the surface is non-cytotoxic, biologically inert, and non-degradable)
- Sterile

Applications

- 3D formation of spheroids
- The maintenance of cells in suspension
- Preventing stem cell differentiation
- Preventing the division of adherent cells



The plates

Cat. No.	Number of wells	Colour	Treatment	Type of bottom	Units/ bag	Units/ box	€/ box
003471	6	Transparent	ULA	Flat	1	24	N/A -
003473	24	Transparent	ULA	Flat	1	24	N/A -
007007	96	Transparent	ULA	Rounded	1	24	N/A -
003474	96	Transparent	ULA	Flat	1	24	N/A -
004588	384	Black	ULA	Flat-Transparent	20	100	N/A -

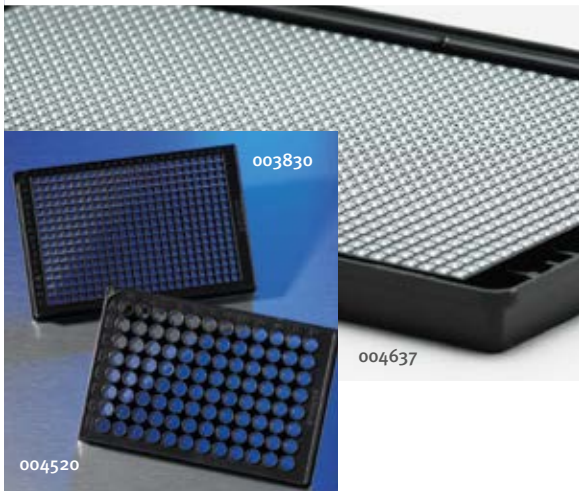
Flasks

Cat. No.	Type of Flask	Type of cap	Treatment	Units/ bag	Units/ box	€/ box
003814	75 cm²	Filter	ULA	4	24	N/A -
003303	CellSTACK® 1 Level 636 cm²	Filter	ULA	1	8	N/A -

Petri dishes

Cat. No.	Diameter (mm)	Treatment	Units/ bag	Units/ box	€/ box
003261	60	ULA	5	20	N/A -

Corning® ULA treatment and a specific design for spheroids



- One plate for all steps (culture and testing), no handling or delicate transfer of spheroids required
- Optically clear round bottom well
- Ultra-Low Attachment: surface treatment with very low cell adhesion
- Unique well geometry for reproducible well-to-well growth of 3D cultures
- Sterile

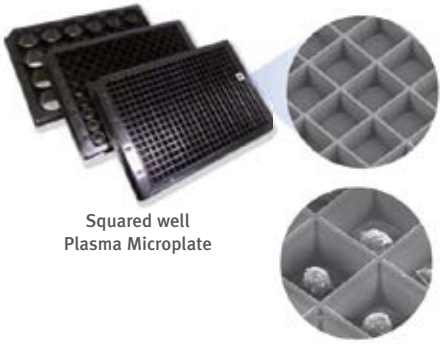
Cat. No.	Number of wells	Treatment	Colour	Type of bottom	Units/ bag	Units/ box	€/ box
004520	96	ULA	Black	Rounded-Transparent	10	50	N/A -
004515	96	ULA	Black	Rounded-Transparent	1	5	N/A -
003830	384	ULA	Black	Rounded-Transparent	10	50	N/A -
003830BC	384	ULA	Black	Rounded-Transparent	10	50	N/A -
004516	384	ULA	Black	Rounded-Transparent	1	5	N/A -
004637	1536	ULA	Black	Rounded-Transparent	1	5	N/A -
004527	1536	ULA	Black	Rounded-Transparent	10	50	N/A -

Corning® ELPLASIA® technology for mass production of spheroids



ULA rounded-well microplate

- Enables mass production of uniformly sized spheroids for *in vivo* tumour studies or screening of anti-cancer molecules
- Two well geometries: rounded (for spheroid formation and expansion) or squared (more suitable for image analysis)
- The bottom of the wells have micro-cavities allowing the formation of several spheroids per well; up to 15 796 spheroids per 1 well
- ULA or PLASMA treatment depending on the model
- Supplied with cap
- Unit packaging
- Sterile



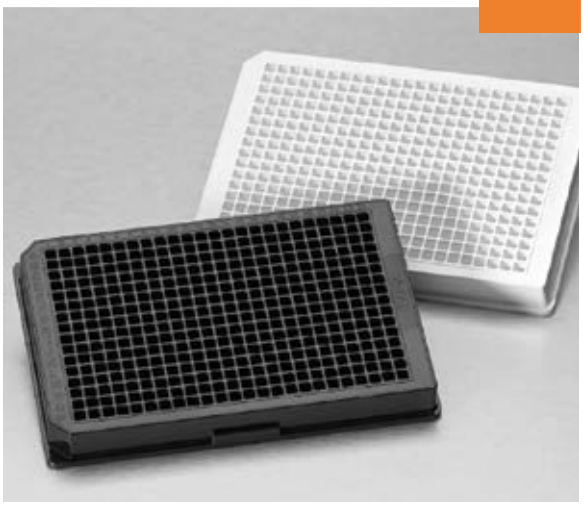
Squared well Plasma Microplate

Cat. No.	Number of wells	Treatment	Colour	Type of bottom	Average number of spheroids/well	Units/ bag	Units/ box	€/ box
Rounded wells								
004440	6	ULA	Black	Flat-Transparent	2885	1	5	N/A -
004441	24	ULA	Black	Flat-Transparent	554	1	5	N/A -
004442	96	ULA	Black	Flat-Transparent	79	1	5	N/A -
Squared wells								
004444	6	PLASMA	Black	Flat-Transparent	15796	1	5	N/A -
004445	24	PLASMA	Black	Flat-Transparent	2934	1	5	N/A -
004446	96	PLASMA	Black	Flat-Transparent	475	1	5	N/A -
004447	384	PLASMA	Black	Flat-Transparent	137	1	5	N/A -

Corning® Plates MATRIGEL® 3D Coated

- Culture plates coated with 3D-qualified Matrigel®
- Ideal for screening research on spheroids, organoids, or tumoroids
- Improve the repeatability and accuracy of 3D analyses

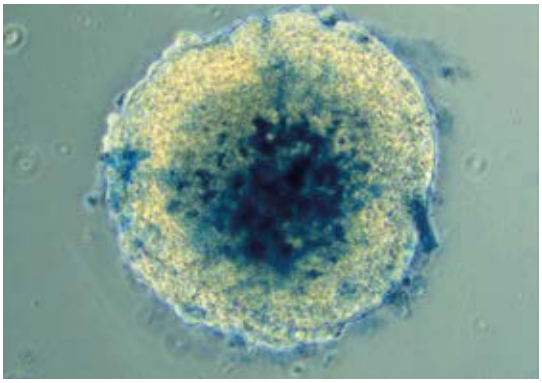
Cat. No.	Number of wells	Treatment	Colour	Type of bottom	Units/ bag	Units/ box	€/ box
356259	96	Matrigel® without phenol red	Black	Flat-Transparent	1	1	N/A -
356256	384	Matrigel® without phenol red	Black	Flat-Transparent	1	5	N/A -
356257	384	Matrigel® without phenol red	White	Flat-Transparent	1	5	N/A -
356258	384	Matrigel® without phenol red	White	Flat-Transparent	1	1	N/A -



CELLSTAR® Cell-Repellent Treatment

- The CELLSTAR® Cell-Repellent surface treatment of Greiner Bio-One effectively prevents cell adhesion
- Spheroid and aggregated stem cell cultures
- Suspension culture of adherent or semi-adherent cells
- Culture on hydrogel or equivalent
- 3D magnetic culture with the M3D Greiner Bio-One system
- Thanks to an innovative chemical modification of the polymer, the Cell-Repellent Greiner Bio-One surface does not interfere with culture conditions, making it an excellent support for primary or sensitive cultures
- Unit packaging possible on certain items, please consult our specialist
- Sterile
- Non-cytotoxic

DNase RNase | Human DNA | Endo-toxins





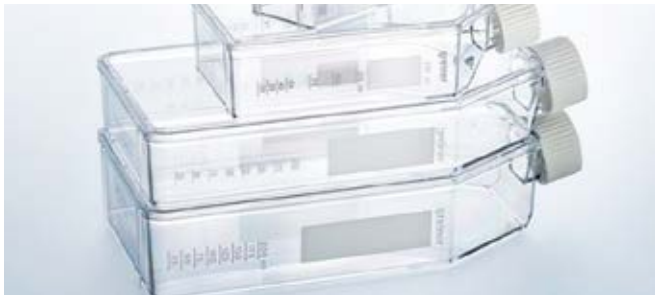
Plates

Cat. No.	Number of wells	Treatment	Colour	Type of bottom	Units/ bag	Units/ box	€/ box
657970	6	Cell-Repellent	Transparent	Flat	1	5	N/A -
665970	12	Cell-Repellent	Transparent	Flat	1	5	N/A -
662970	24	Cell-Repellent	Transparent	Flat	1	5	N/A -
677970	48	Cell-Repellent	Transparent	Flat	1	5	N/A -
655970	96	Cell-Repellent	Transparent	Flat	1	6	N/A -
650970	96	Cell-Repellent	Transparent	Rounded	1	6	N/A -
650979	96	Cell-Repellent	Transparent	Rounded	8	32	N/A -
651970	96	Cell-Repellent	Transparent	V	1	6	N/A -
655976	96	Cell-Repellent	Black	Flat-Transparent	8	32	N/A -
781970	384	Cell-Repellent	Transparent	Flat	1	60	N/A -
787979	384	Cell-Repellent	Transparent	Rounded	8	32	N/A -
781976*	384	Cell-Repellent	Black	Flat-Transparent	8	32	N/A -

* µClear bottom

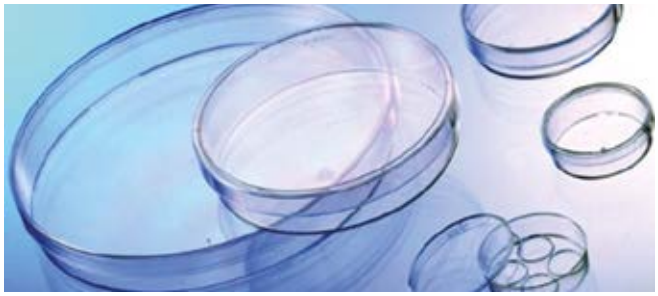
Flasks

Cat. No.	Type of Flask	Treatment	Type of bottom	Units/ bag	Units/ box	€/ box
690980	25 cm²	Cell-Repellent	Standard	10	20	N/A -
690985	25 cm²	Cell-Repellent	Filter	10	20	N/A -
658980	75 cm²	Cell-Repellent	Standard	5	15	N/A -
658985	75 cm²	Cell-Repellent	Filter	5	15	N/A -
660980	175 cm²	Cell-Repellent	Standard	5	5	N/A -
660985	175 cm²	Cell-Repellent	Filter	5	5	N/A -
High shape						
661980	175 cm²	Cell-Repellent	Standard	4	4	N/A -
661985	175 cm²	Cell-Repellent	Filter	4	4	N/A -



Petri dishes

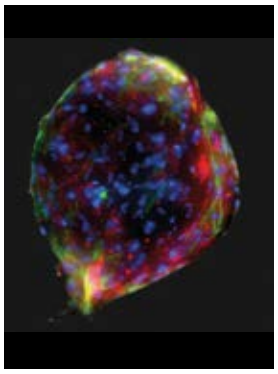
Cat. No.	Diameter (mm)	Treatment	Units/ bag	Units/ box	€/ box
627979	35	Cell-Repellent	10	40	N/A -
628979	60	Cell-Repellent	10	20	N/A -
664970	100	Cell-Repellent	1	5	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

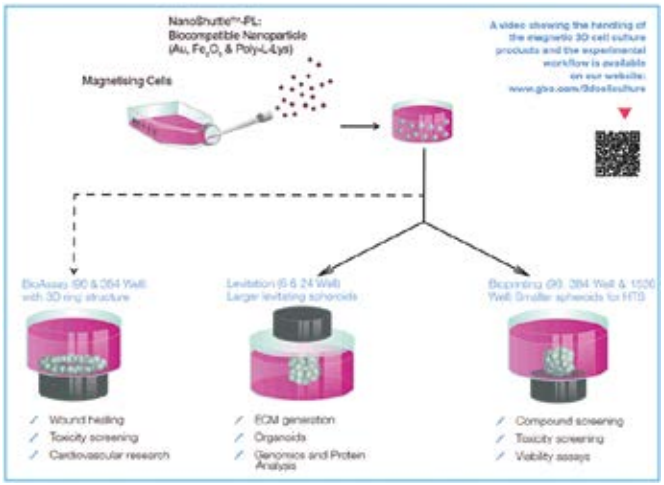
Greiner Bio-One 3D magnetic technology / M3D Cell Culture

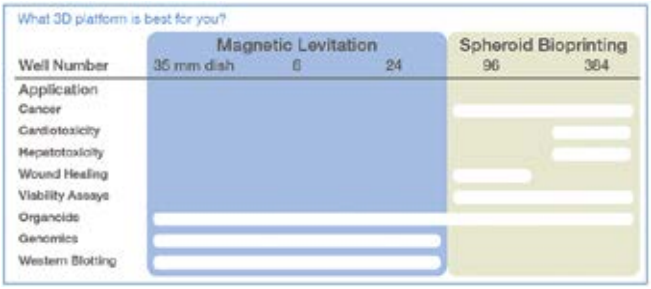




- System for 3D cell culture using transient magnetization of cells that naturally attach to NanoShuttleTM-PL magnetic beads
- Thanks to the magnetic force, the cells aggregate, either by levitation or by bioprinting, to form 3D representation models *in vitro*
- Reproduction of native tissue environments *in vitro*
- Versatile system compatible with all cell types even in co-culture
- 3D model formation within a few hours after incubation with magnetised beads

- Reproducible and usable up to 1536 well format
- No impact of the magnetised beads on the cells (proliferation, viability, phenotype, etc.) or on the analyses (qPCR, cytometry, fluorescence microscopy, western blot, etc.)
- Centred positioning of spheroids
- No specialised equipment, media or artificial substrate
- Easy to handle, no loss of sample during washing, transfer or labelling of spheroids/organoids
- Can be used as a complementary tool, compatible with a large number of 3D models and consumables





Magnetic levitation

Cat. No.	Format	Description	Content	€ the kit
657840	6 wells	6-well Bio-assembler™ kit	- 1 x Levitating Drive: holder for levitated spheroids formation - 1 x Holding Drive: holder for spheroids - 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube - 2 x 6-well Cell-Repellent plate Cat.No. 657970 - 2 x Special intermediate cover Cat. No. 657825	N/A -
662840	24 wells	24-well Bio-assembler™ kit	- 1 x Levitating Drive: holder for levitated spheroids formation - 1 x Holding Drive: holder for spheroids - 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube - 2 x 6-well Cell-Repellent plate Cat.No. 662970 - 2 x Special intermediate cover Cat. No. 662825	N/A -

Intermediate lids alone

Allow physical separation of cells and magnets.

Cat. No.	Description	Units/ bag	Units/ box	€/ box
657825	Special intermediate lid 6 wells	2	10	N/A -
662825	Special intermediate cover 24 wells	2	10	N/A -

Magnetic bioprinting

Cat. No.	Format	Description	Content	€ the kit
655840	96 wells	96-well magnetic bioprinting kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent transparent 96-well plate Cat.No. 655970	N/A -
655841	96 wells	96-well black magnetic bioprinting kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent µclear bottom black 96-well plate Cat.No. 655976	N/A -
073054	384 wells	384-well magnetic bioprinting kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent transparent 384-well plate Cat.No. 781970	N/A -
781841	384 wells	Black 384-well Magnetic Bio-Printing Kit	1 x Spheroid Drive: holder for bioprinting spheroids formation 1 x Holding Drive: holder for spheroids 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube 2 x Cell-Repellent µclear bottom black 384-well plate Cat.No. 781976	N/A -

Ring drive 96 wells and 384 wells for Magnetic bioprinting

Magnetic-Ring Stand for 96 or 384 well plates.

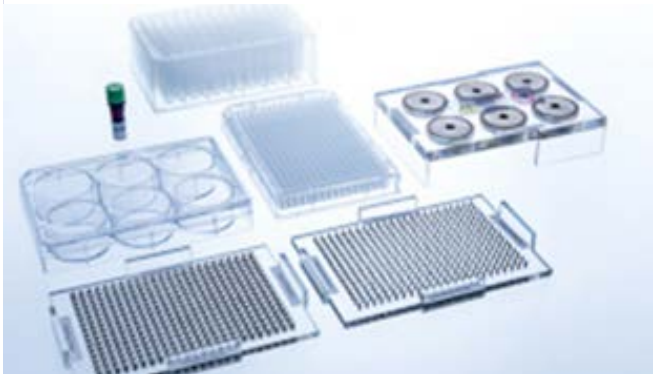
Cat. No.	Format	€
655850	96 wells	N/A -
073062	384 wells	N/A -

Greiner MAGNETIC 3D Cell Culture M3D Technology (continued)

Magnetic-ring printing and imaging system

Cat. No.	Format	Description	Content		€ the kit
655846	96 wells	BIOASSAY™ 96-well kit	- 1 x Spheroid Drive: holder for bioprinting spheroids formation - 1 x Levitating Drive: holder for levitated spheroids formation - 1 x Holding Drive: holder for spheroids	- 1 x Guide 96-well for magnetic bioprinting Cat.No. 655850 - 3 x Nanoshuttle™ -PL magnetic beads, 600 µl tube - 1 x Deepwell 96 well - 2 x Cell-Repellent transparent 96-well plate ref. 655970 - 2 x Cell-Repellent 6-well plate Cat.No. 657970	**N/A -**
655849	96 wells	BIOASSAY™ 96-well kit with imaging system	Identical to Cat.No. 655846 with imaging system Cat.No. 657860: - 1 x n3Dock - 1 x Imaging system - 1 x Light pad	- 1 x Fan - 1 x AD-USB adapter - 1 x extension - 1 x Software	**N/A -**
781846	384 wells	BIOASSAY™ 384-well kit	- 1 x Spheroid Drive: holder for bioprinting spheroids formation - 1 x Levitating Drive: holder for levitated spheroids formation - 1 x Holding Drive: holder for spheroids	- 1 x Guide 96-well for magnetic bioprinting Cat.No. 655850 - 2 x Nanoshuttle™ -PL magnetic beads, 600 µl tube - 1 x Deepwell 96-well - 2 x Cell-Repellent transparent 384-well plate Cat. No. 781970 - 2 x Cell-Repellent 6-well plate Cat. No. 657970	**N/A -**
073055	384 wells	BIOASSAY™ 384-well kit with imaging system	Identical to Cat.No. 781846 with imaging system Cat.No. 657860: - 1 x n3Dock - 1 x Imaging System - 1 x Light pad	- 1 x Fan - 1 x Adapter AD-USB - 1 x Extension - 1 x Software	**N/A -**

M3D imaging system and consumables



Nanoshuttle™ -PL magnetic beads

Cat. No.	Description	Units/ bag	Units/ box	€/ box
657841	Nanoshuttle™ -PL magnetic beads, 600 µl tube	1	1	**N/A -**
657843	Nanoshuttle™ -PL magnetic beads, 600 µl tube	1	3	**N/A -**
657846	Nanoshuttle™ -PL magnetic beads, 600 µl tube	1	6	**N/A -**
657852	Nanoshuttle™ -PL magnetic beads, 600 µl tube	1	12	**N/A -**

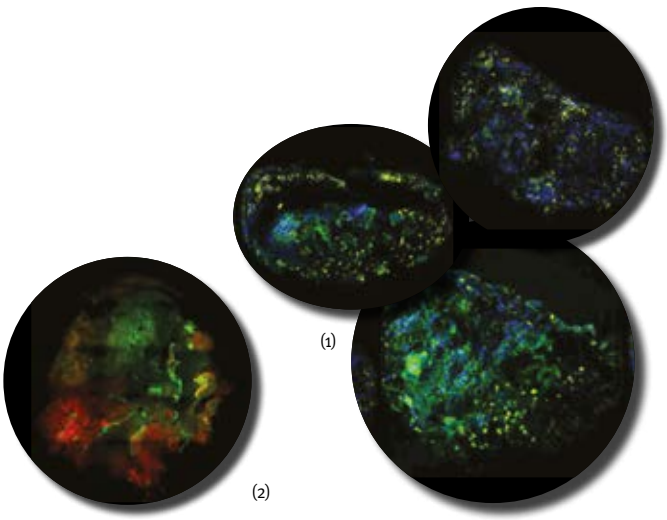
Cat. No.	Description	Content	€ the kit
657860	Imaging system kit	- 1 x n3Dock - 1 x imaging system - 1 x Light pad - 1 x fan - 1 x adapter AD-USB - 1 x extension - 1 x software	**N/A -**

MagPen



Magnetic pen for individual handling of formed spheroids.

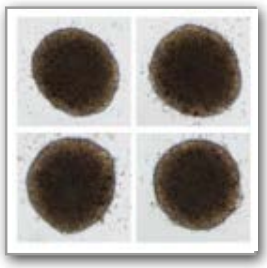
Cat. No.	Description	Units/ bag	Units/ box	€/ box
657850	MagPen magnetic pens	1	3	**N/A -**



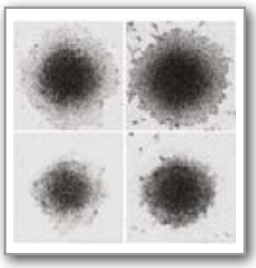
(1)

(2)

Our solutions, your results



(3)



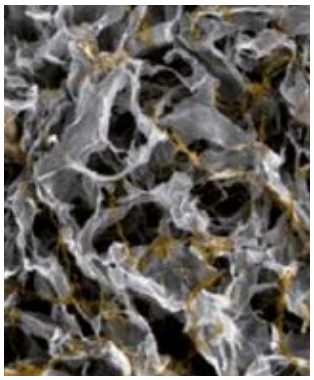
(4)

(1) Ravi Birla, *and al.* Assembly of a functional 3D primary boxiac construct using magnetic levitation, AIMS Bioengineering, 3(3): 277-288 (2016)
(2) Leenhardt, R., Camus, M., Mestas, J.L. *and al.* Ultrasound-induced Cavitation enhances the efficacy of Chemotherapy in a 3D Model of Pancreatic Ductal Adenocarcinoma with its microenvironment. Sci Rep 9, 18916 (2019).
(3) Noel, P., Muñoz, R., Rogers, G. W., Neilson, A., Von Hoff, D. D., Han, H. Preparation and Metabolic Assay of 3-dimensional Spheroid Co-cultures of Pancreatic Cancer Cells and Fibroblasts. Vis. Exp. (126), e56081, doi:10.3791/56081 (2017).
(4) 25 and 50 µg/ml - Hau, H., Khanal, D., Rogers, L., Suchowerska, N., Kumar, R., Sridhar, S., McKenzie, D. and Chrzanowski, W. (2016), Dose enhancement and cytotoxicity of gold nanoparticles in colon cancer cells when irradiated with kilo- and mega-voltage radiation. Bioengineering & Translational Medicine, 1: 94-102.

All prices are indicative and exclude VAT. Visit www.dulis.nl

Biomimesys 3D technology







*A 3D microenvironment adapting to the different stiffness and compositions of the matrices within tissues and organs. Biomimesys 3D hydroscaffolds are all **hyaluronic** acid based. This **hydroscaffold** provides a tailor-made support, controlled and physiologically adapted to the cells in which they rest.*

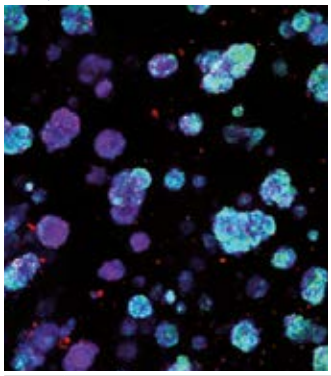
Advantages of this hydroscaffold

- **Exchange** improved circulation of gases and nutrients
- **Interactions**: optimal cell-cell and cell-matrix interactions
- **Controlled composition**: precision of the components introduced, guaranteeing reproducibility of measurements
- **Ready to use**: easy to seed, freeze-dried matrix in the plate
- **Translucent**: ideal for microscopy and plate readers (screening)
- **Porous**: between 100 and 150 µm; rapid impact of lysis buffer, ideal for PCR, Western Blot and ELISA
- **Biodegradable**: easy to dissociate by specific enzymes, ideal for flow cytometry
- **Solid**: for long-term culture, ideal for histology and *in vivo* implantation



Our partner, HCS PHARMA, is also available to study any form of customisation based on this hydroskeleton. Please do not hesitate to contact us.

Biomimesys oncology: for optimal 3D cancer cell culture

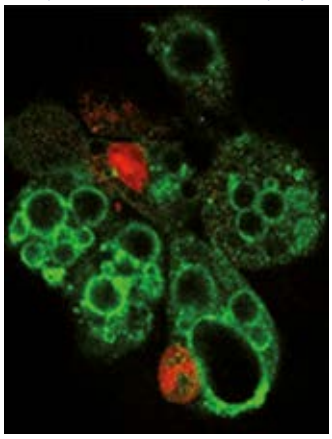


Composition: Hyaluronic acid + collagen I

- **Promotes 3D structure: spheroids or organoids**
- **Facilitates variation in spheroid shape and size depending on: cell density, culture time and cell type**
- **Improves motility, proliferation and migration**
- **Avoids immune reactions in in *vivo* implantations**

Cat. No.	Description	Units/ box	€/ box
159100	Transparent 96-well plate with 96 hydroscaffolds	1	N/A -
159101	Transparent 96-well plate with 24 hydroscaffolds	1	N/A -
159102	Black 96-well plate, transparent bottom with 96 hydroscaffolds	1	N/A -
159103	Black 96-well plate, transparent bottom with 24 hydroscaffolds	1	N/A -
159118	Black 384-well plate, transparent bottom and 384 hydroscaffolds	1	N/A -
159119	Black 384-well plate, transparent bottom and 384 hydroscaffolds	5	N/A -

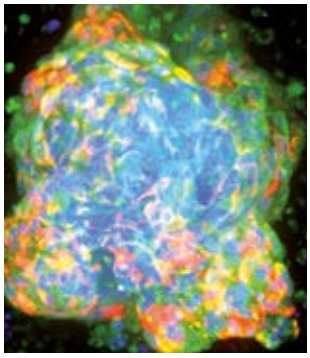
Biomimesys adipose tissue: for optimal 3D culture of adipocytes



Composition: Hyaluronic acid + RGDS peptide + collagen I + collagen VI

- **Promotes 3D structure: spheroids or organoids**
- **Ensures differentiation of pre-adipocytes into mature adipocytes**
- **Improves lipid accumulation during growth (maturation indicator)**
- **Increases expression of adipogenesis marker genes**

Cat. No.	Description	Units/ box	€/ box
159104	Transparent 96-well plate with 96 hydroscaffolds	1	N/A -
159105	Transparent 96-well plate with 24 hydroscaffolds	1	N/A -
159106	Black 96-well plate, transparent bottom with 96 hydroscaffolds	1	N/A -
159107	Black 96-well plate, transparent bottom with 24 hydroscaffolds	1	N/A -



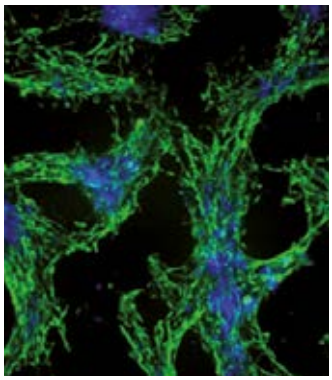
Biomimesys liver: for optimal 3D culture of hepatocytes

Composition: Hyaluronic acid + RGDS peptide + Galactosamine + collagen I + collagen IV

- **Favours 3D structure: spheroids or organoids for metabolic or toxicity research**
- **Preserves the metabolic activity of primary human hepatocytes**

Cat. No.	Description	Units/ box	€/ box
159108	Transparent 96-well plate with 96 hydroscaffolds	1	N/A -
159109	Transparent 96-well plate with 24 hydroscaffolds	1	N/A -
159110	Black 96-well plate, transparent bottom with 96 hydroscaffolds	1	N/A -
159111	Black 96-well plate, transparent bottom with 24 hydroscaffolds	1	N/A -
159116	Black 384-well plate, transparent bottom with 384 hydroscaffolds	1	N/A -
159117	Black 384-well plate, transparent bottom with 384 hydroscaffolds	5	N/A -

Biomimesys brain: for an optimal 3D culture of neuronal cells



Composition: Hyaluronic acid + RGDS peptide + collagen IV + Cationic Biopolymer

- **Promotes 3D structure: spheroids or neural networks**
- **Prolongs culture in the best conditions**

Cat. No.	Description	Units/ box	€/ box
159112	Transparent 96-well plate with 96 hydroscaffolds	1	N/A -
159113	Transparent 96-well plate with 24 hydroscaffolds	1	N/A -
159114	Black 96-well plate, transparent bottom witjh 96 hydroscaffolds	1	N/A -
159115	Black 96-well plate, transparent bottom witjh 24 hydroscaffolds	1	N/A -

Artificial Tumour Kit® in ready-to-use microplates

Artificial tumours® (3D cultures) from tumour cell lines widely used in oncology

- More closely mimics the microenvironment of avascular tumours *in vivo* than 2D cultures
- Increasingly involved in the development of medicines
- Ideal research solution for aggressive triple-negative breast cancer

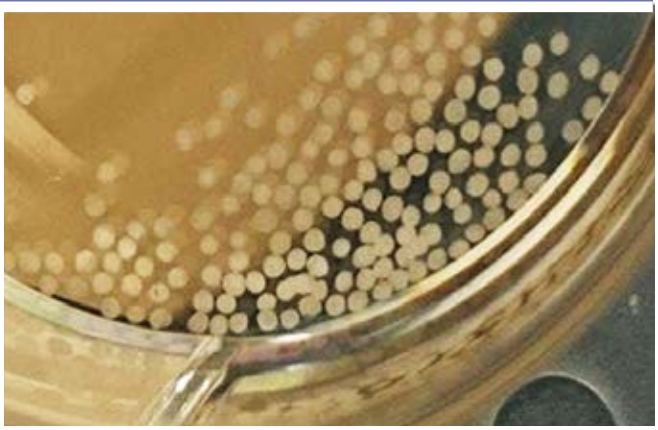
The Opti3D® kit includes artificial tumours® produced in OptiPASS® culture medium in 96-well microplates (one tumour per well)

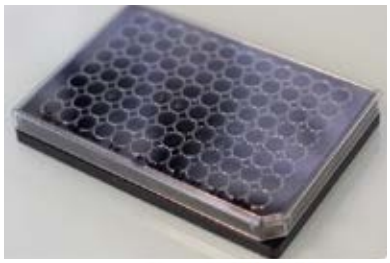
- Transport in anoxia and at 4 °C to put in dormancy until use (alternative to freezing)
- Each microplate contains 100 ml of suitable culture medium (OptiPASS® OPTI03) for *in vitro* testing

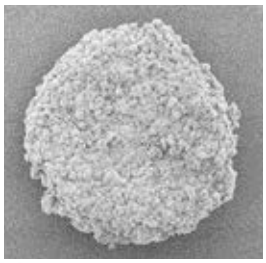
Advantages

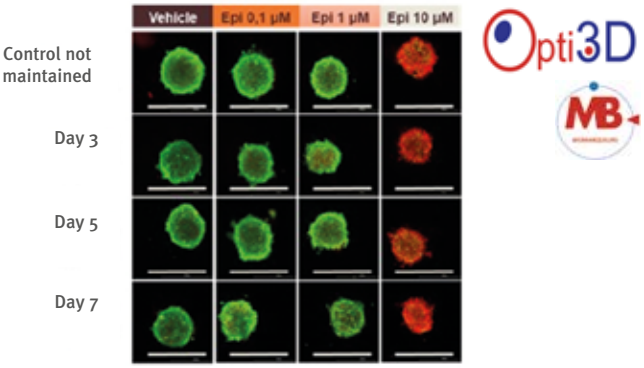
- Direct use of tumours after deconditioning
- Reproducible tumour size and morphology
- Guaranteed: less than 10% intra- and inter-microplate size variation
- Once deconditioned, resumption of tumour growth for a minimum of 10 days
- Available for triple-negative breast cancer, very aggressive subtype: MDA-MB-231 line, SUM1315 line
- Ideal for screening, toxicity testing or basic research into mechanisms of interest

Cat. No.	Description	Packaging	€
631700	OPTI3D® SUM 1315 Kit	1 x 96-well microplate in anoxia	N/A -
631701	OPTI3D® MDAMB 231 Kit	1 x 96-well microplate in anoxia	N/A -







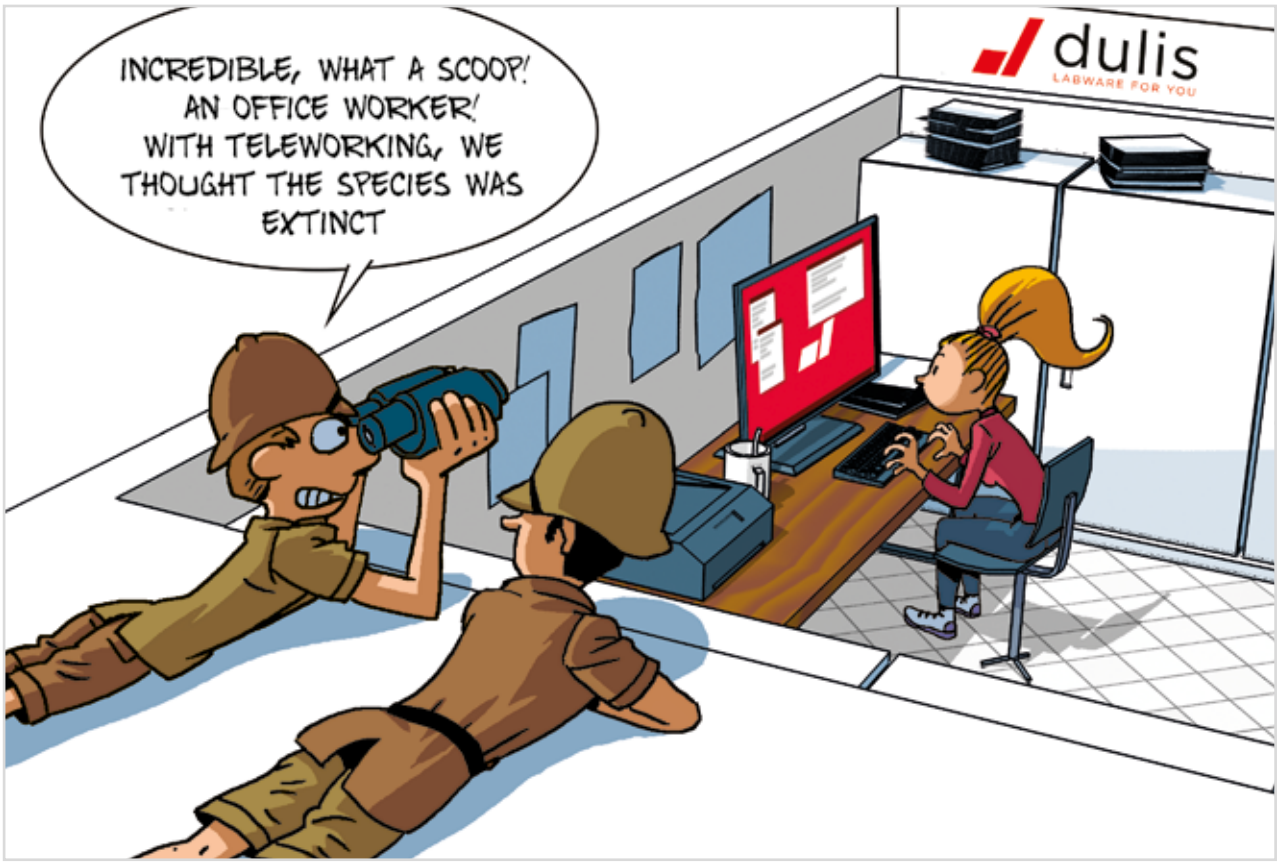


LIVE/DEAD assay of MDA-MB-231
LIVE/DEAD cells

Standard treatment used in this example: epirubicin

TIP

For other types of artificial tumours, please contact us



All prices are indicative and exclude VAT. Visit www.dulis.nl

Ready-to-use, complete, serum-free cell culture media



OptiPASS media can be used for monolayer (2D) culture of tumour or healthy cells and for 3D culture of a wide range of tumour types of pre-clinical/clinical interest.

Advantages

- **Ready to use**
- **Absence of compounds of animal origin**
- **Controlled composition**
- **Reproducibility**
- **Prolongation of viability and growth of cell models without change in phenotype or cell response**
- **Cultures can be preserved without freezing (in anoxia and at 4 °C)**

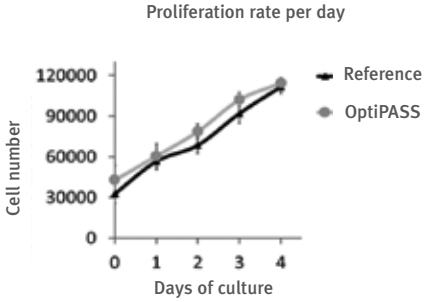
3 applications offered

- 2D culture bioproduction
- Oncology: 3D culture
- Oncology: conservation

2D culture bioproduction

- **Example of VERO E6 cells, the OptiPASS® medium (OPTI04):**
  - **allows for cell proliferation and viability similar to serum culture**
  - **allows for preservation of cell phenotype**
  - **requires prior coating of culture plates**

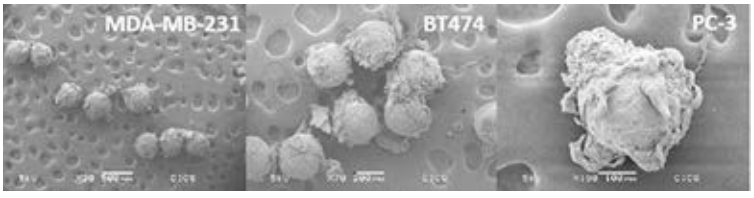
Cat. No.	Description	Volume (ml)	€
631702	OptiPASS® OPTI04	50	N/A -
631703	OptiPASS® OPTI04	100	N/A -
631704	OptiPASS® OPTI04	500	N/A -

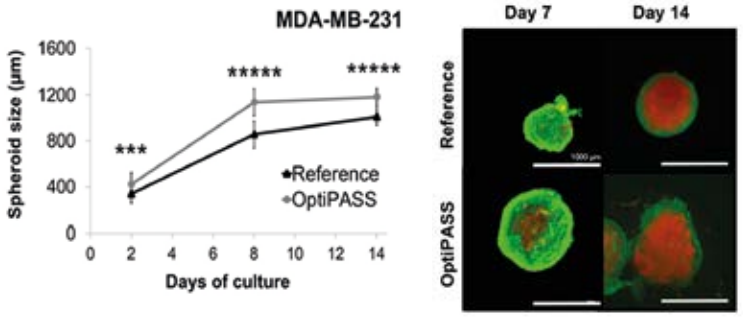


Oncology: 3D culture

- **Validated tumour lines in 2D and 3D culture:**
  - **Breast: MDA-MB-231, SUM1315, BT474**
  - **Prostate: PC-3**
  - **Lung: NCI-H1975**
  - **Ovary: SK-OV-3**
- **OptiPASS® medium (OPTI03) for artificial tumours®:**
  - **maintenance/increase of proliferation/growth rate**
  - **maintenance of metabolic gradients within cultures (live cells/dead cells)**
  - **reproducibility of production in terms of size and proliferation/growth**

Cat. No.	Description	Volume (ml)	€
631705	OptiPASS® OPTI03 for 3D culture and Artificial ® Tumours	50	N/A -
631706	OptiPASS® OPTI03 for 3D culture and Artificial ® Tumours	100	N/A -
631707	OptiPASS® OPTI03 for 3D culture and Artificial ® Tumours	500	N/A -



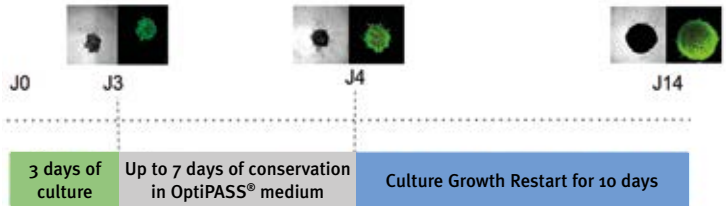


Dubois and al, J Clin Med. 2019 Mar 21;8(3):397. doi: 10.3390/jcm8030397

Oncology: conservation

- **3D cultures can be stored for several days in OptiPASS® medium (OPTI05), under anoxic conditions and at 4 °C before analysis**
- **Examples of tumour lines validated with this method:**
  - **Breast: MDA-MB-231, SUM1315**

Cat. No.	Description	Volume (ml)	€
631708	OptiPASS® OPTI05 for storage without freezing and in anoxia at 4 °C	50	N/A -
631709	OptiPASS® OPTI05 for storage without freezing and in anoxia at 4 °C	100	N/A -
631710	OptiPASS® OPTI05 for storage without freezing and in anoxia at 4 °C	500	N/A -





Your specialist contact
Romain GUEGAN
romain.guegan@dulis.be



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NUNCLON™ SPHERA™ Treatment



Nunc™ Nuclon™ Sphera™ plates allow for the optimization of sphere-shaped culture. They are suitable for different cell types.

Applications

- Best model for studying tumour progression and the efficacy of anti-cancer agents, thanks to the reproduction of 3D structures during tumour growth
- Superior quality for the formation of embryoid bodies from pluripotent cells with minimal spontaneous differentiation
- Sterile

Flasks

Cat.No.	Type of Flask	Treatment	Type of cap	Units/ bag	Units/ box	€/ box
056868	25 cm²	NUCLON™ SPHERA™	Filter	6	18	N/A -
056869	75 cm²	NUCLON™ SPHERA™	Filter	4	24	N/A -

Petri dishes

Cat. No.	Diameter (mm)	Treatment	Units/ bag	Units/ box	€/ box
056865	35	NUCLON™ SPHERA™	5	20	N/A -
056866	60	NUCLON™ SPHERA™	5	20	N/A -
056867	90	NUCLON™ SPHERA™	5	20	N/A -

Plates

Cat.No.	Number of wells	Treatment	Colour	Type of bottom	Units/ bag	Units/ box	€/ box
056864	6	NUCLON™ SPHERA™	Transparent	Flat	1	7	N/A -
056863	12	NUCLON™ SPHERA™	Transparent	Flat	1	7	N/A -
056862	24	NUCLON™ SPHERA™	Transparent	Flat	1	7	N/A -
056861	96	NUCLON™ SPHERA™	Transparent	Flat	1	8	N/A -
056883	96	NUCLON™ SPHERA™	Transparent	Flat	5	50	N/A -
056860	96	NUCLON™ SPHERA™	Transparent	Rounded	1	8	N/A -

SPL3D™ Cell Floater treatment



- 3D cell culture media Plates
- Promote the formation of animal cell spheroids
- Treatment for low cell adhesion
- In polystyrene
- Sterile

Plates

Cat.No.	Number of wells	Treatment	Colour	Type of bottom	Units/ bag	Units/ box	€/ box
330189	6	SPL3D™ Cell Floater	Transparent	Flat	1	5	N/A -
330190	24	SPL3D™ Cell Floater	Transparent	Flat	1	5	N/A -
330191	96	SPL3D™ Cell Floater	Transparent	Flat	1	5	N/A -
330192	96	SPL3D™ Cell Floater	Transparent	Rounded	1	5	N/A -

Petri dishes

Cat. No.	Diameter (mm)	Treatment	Units/ bag	Units/ box	€/ box
330186	35	SPL3D™ Cell Floater	10	20	N/A -
330187	60	SPL3D™ Cell Floater	10	20	N/A -
330188	90	SPL3D™ Cell Floater	10	10	N/A -

Flasks

Cat. No.	Type of Flask	Treatment	Type of cap	Units/ bag	Units/ box	€/ box
330193	25 cm²	SPL3D™ Cell Floater	Filter	5	10	N/A -
330194	75 cm²	SPL3D™ Cell Floater	Filter	1	3	N/A -

Spheroid formation unit



- Promotes the formation and development of spheroids
- Polypropylene tube, HDPE cap, PET insert
- Hydrophobic PTFE filter membrane adhered to an air-permeable cap for improved gas exchange
- Insert with 68 µm thickness and 65 µm porosity
- Dial at the cap for airflow control
- Sterile

Cat. No.	Ø x h (mm)	Total volume (ml)	Units/ bag	Units/ box	€/ box
330195	17 x 120	15	3	90	N/A -

Corning® Matrigel®

- Basal membrane extracted from a mouse sarcoma (EHS): rich in extracellular matrix proteins (laminin, collagen IV, entactin) and growth factors
- Promotes the attachment and differentiation of many normal or transformed cells (hepatocytes, neurons, epithelial, endothelial...)
- In gel form, promoting 3D culture or allowing to measure the invasiveness of tumour cells
- LDEV Free
- Tested negative for bacteria, fungi and mycoplasma
- Gel stability tested over 14 days at 37 °C



Cat. No.	Description	Packaging	€
356255	Matrigel qualified for organoid culture, without phenol red	10 ml	N/A -
354277	Matrigel qualified for human embryonic stem cells (hESC)	5 ml	N/A -
356234	Matrigel with standard protein concentration	5 ml	N/A -
354234	Matrigel with standard protein concentration	10 ml	N/A -
356235	Matrigel with standard protein concentration	50 ml	N/A -
354248	Matrigel with high protein concentration	10 ml	N/A -
356237	Matrigel with standard protein concentration, without phenol red	10 ml	N/A -
354262	Matrigel with high protein concentration, without phenol red	10 ml	N/A -
356230	Matrigel with standard protein concentration, reduced in growth factors	5 ml	N/A -
354230	Matrigel with standard protein concentration, reduced in growth factors	10 ml	N/A -
354263	Matrigel with high protein concentration, phenol red free, reduced in growth factors	10 ml	N/A -
356231	Matrigel with standard protein concentration, without phenol red, reduced in growth factors	10 ml	N/A -

Corning® Matrigel® Dissociation

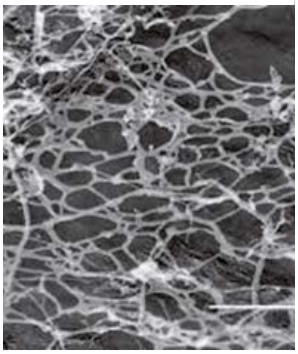
Matrigel® cell detachment solutions.



Cat. No.	Description	Quantity	€
354235	Dispase	100 ml	N/A -
354253	Cell Recovery solution, non-enzymatic	100 ml	N/A -

Corning® PURAMATRIX™ Solutions

- Synthetic hydrogel peptide
- Purified standard amino acid compound 1% (w/v) and 99% water
- Transparent gel compatible with microscopic applications
- Free of animal and pathogenic compounds
- Tested negative for bacteria and mycoplasma



Cat. No.	Volume	€
354250	5 ml	N/A -

Corning® 3D Clear Solutions pour 3D culture clearing



- The solution to improve your images and the analysis of your 3D structures
- Allows visualization of the entire structure of spheroids, up to 500 µm in thickness
- Full characterisation of the 3D model, allowing more accurate screening by visualising the core of the structure

Advantages

- Fast clearing of tissues
- No special equipment required
- 3 to 4 times more cells detected
- Compatible with Corning flat-bottom or round-bottom plates for spheroids
- Compatible with fluorescence analyses, immunofluorescence analyses and numerous markers

Cat. No.	Description	Quantity	€
005730	Corning 3D, Starter Kit, Cleaning Reagent, Antibodies, Blocking, Penetration and Washing Buffers	1	N/A -
005731	Corning 3D Clear Tissue Clearing Reagent	10 ml	N/A -
005732	Corning 3D Clear Tissue Clearing Reagent	30 ml	N/A -
005733	Corning 3D Clear Tissue Clearing Reagent	100 ml	N/A -
005738	Corning, penetration buffer	30 ml	N/A -
005739	Corning, penetration buffer	100 ml	N/A -
005734	Corning, antibody buffer	30 ml	N/A -
005735	Corning, antibody buffer	100 ml	N/A -
005737	Corning, blocking buffer	100 ml	N/A -

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SPL matrix solution - Spheroid formation gel



- Promotes the formation and development of spheroids
- The collection of spheroids is facilitated
- Hyaluronic acid compound
- Reconstituted size: 280 µm
- Total weight: 1 g (0.2 g/tube)
- Sterile

Cat. No.	Description	Units/ box	€/ box
330196	Spheroid formation gel	5 tubes	N/A -

How to choose the best matrix?

Primary cells	Cell-Tak™	Collagen I	Collagen IV	Matrigel®	Fibronectin	Gelatin	Laminin	Osteopontin	Poly-Lysine (PDL, PLL)	PDL/LM and PLO/ LM	PuraMatrix®	Vitronectin	PureCoat™ ECM Mimetic Fn	PureCoat ECM Mimetic COL I	Synthemax® Surface	Ultra-Low Attachment	Osteo Assay Surface	rLaminin-521 (Human)	Primaria™	CellBIND® Surface	PureCoat Amine	PureCoat Carboxyl
	Extracellular matrices and biological coatings												ECM Mimetics and Advanced Surface						Improved CT surfaces			
Aortic endothelial cells, BAEC																						
Epithelial cells of the bile duct		x		x																		
Hepatocytes		x	x	x			x		x		x								x	x		
Cerebral microvessel cells (endothelial)		x	x	x	x	x	x					x										
Cardiac cells (endothelium, progenitors), boxiomyocytes		x		x	x		x		x		x								x			x
Colon Epithelial cells			x	x												x						
Dorsal root ganglia				x					x	x												
Embryonic cortical neurons				x						x												
Embryonic sympathetic neurons			x	x			x			x												
Endothelial cells			x		x		x						x	x					x			
Erythrocyte culture (stage of parasite development)	x			x																		
Bone marrow cells, osteoclasts																	x					
Human periodontium (ligament)	x																					
Hippocampus Neurons				x	x		x		x	x	x											
HUVEC (endothelial)		x		x	x	x	x	x			x	x							x			
HVSMC				x			x					x										
Keratinocytes		x		x	x						x	x		x		x						
Mammary epithelium Cells		x		x			x				x					x						
Microvascular, BME (endothelial)		x	x	x	x						x	x										
Mouse splenic T cells	x		x	x																		
Muscle cells, myoblasts, myotubes, myogenic cells				x			x													x		
Neuronal cells (cortical, cerebellar granule, astrocytes, sensory, sympathetic)			x				x		x	x											x	
Oligodendrocytes (glia, precursors)				x			x		x			x										
Osteoblasts		x									x	x										
Pancreatic islands, neonatal	x			x	x											x					x	
Periodontium Acinar cells	x			x																		
Peripheral blood mononuclear cells		x	x	x								x				x	x					
Schwann cells (glial)			x	x			x				x											
Sertoli cells	x			x																		
Skeletal muscle cells (myocytes, myotubes)				x															x	x		
Smooth muscle cells (endothelial, aortic, vascular)	x	x	x	x	x														x			
Urothelial cells		x	x	x	x																	

To find the best treatment for your cell lines, please contact our specialist



Your specialist contact
Romain GUEGAN
romain.guegan@dulis.be

Corning® Extracellular and Synthetic Matrices

CORNING

- A solution for many cell culture problems
- Extracellular matrix proteins improve adhesion, proliferation and differentiation of many cell types (hepatocytes, endothelial cells, neurons...)
- There are also directly coated culture plates (see "Adherent cell culture" range)

Cat. No.	Description	Quantity	€
354237	Extracellular matrix, human placenta	1 mg	N/A -
354231	Collagen I, bovine skin	30 mg	N/A -
354265	Collagen I, human placenta	10 mg	N/A -
354243	Collagen I, human placenta	250 µg	N/A -
354249	Collagen I, rat tail, high concentration	100 mg	N/A -
354236	Collagen I, rat tail	100 mg	N/A -
356236	Collagen I, rat tail	1 g	N/A -
354257	Collagen II, bovine	5 mg	N/A -
354244	Collagen III, human placenta	250 µg	N/A -
354245	Collagen IV, human placenta	250 µg	N/A -
354233	Collagen IV, mouse tumour	1 mg	N/A -
356233	Collagen IV, mouse tumour	10 mg	N/A -
354246	Collagen V, human placenta	250 µg	N/A -
354261	Collagen VI human placenta	0.5 mg	N/A -
354239	Laminin Ultra Pure without entactin	1 mg	N/A -
354259	Laminin entactin complex, high concentration, mouse tumour	10.5 mg	N/A -
354008	Fibronectin, human plasma	1 mg	N/A -
356008	Fibronectin, human plasma	5 mg	N/A -
356009	Fibronectin, human plasma	25 mg	N/A -
354210	Poly D Lysine	20 mg	N/A -
354238	Human Vitronectin	250 µg	N/A -
354256	Osteopontin source human milk 100 µg/ml in PBS solution	50 µg	N/A -





Collagen I (2D thin coat) Collagen I (3D gel) Matrigel® matrix (3D gel)

Corning® Cell-Tak

Used to adhere cells or tissue fractions to all types of substrates (e.g. plastic, glass, Teflon and biological materials).

CORNING

Cat.No.	Description	Packaging	€
354240	Corning Cell-Tak	1 mg	N/A -
354241	Corning Cell-Tak	5 mg	N/A -
354241	Corning Cell-Tak	10 mg	N/A -



Corning® Synthemax™ II-SC

Easy to use self-coating material to create a unique synthetic surface that mimics the natural cellular environment. This surface supports the adhesion and expansion of stem cells in their undifferentiated state and the directed differentiation into specialised cell types.

CORNING

- Easy to use
- For plastic and glass surfaces
- Irradiated
- Quality tested for batch-to-batch consistency
- Store at -20 °C

Cat. No.	Packaging	€
003535	10 mg	N/A -

PAN BIOTECH range - Attachment factors - Extra-cellular matrices

PAN BIOTECH

Cat. No.	Description	Vol.	€
P06-20030	Collagen A	1 x (6 x 5 ml)	N/A -
P06-20166	Collagen R (type I) sterile 0.2% solution	20 ml	N/A -
P06-20410	Gelatin solution 0.1% PBS	500 ml	N/A -
P06-25200	Gelatin solution 2% PBS	100 ml	N/A -
2705005	Fibronectin	5 mg	N/A -
27050019	Fibronectin solution	1 mg/ml	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

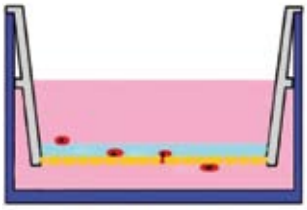
CULTURE INSERTS

How to choose your culture inserts?

1) Define pore size:

Depending on your kind of Analysis, the choice of pore size is important

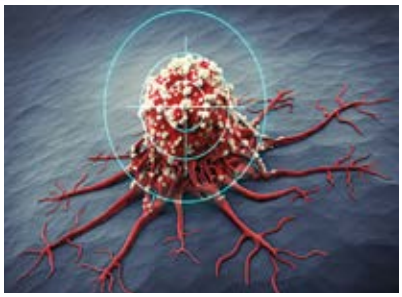
- **CoCulture: 0.4 et 1 µm**
- **Cellular Migration: 3, 5 or 8 µm**
- **Cell Invasion, 3, 5 or 8 µm**
- **Transport and permeability Analysis: 0.4 or 1 µm**
- **Toxicity Analysis: 0.4, 1 or 3 µm**
- **Epithelial cell polarity: 0.4 µm**
- **Angiogenesis: 3 or 8 µm**



2) Define the type of membranes

Choose the best model according to optical properties, cell attachment or exchange maximisation..

- **Polycarbonate (PC) membrane: very high pore density, which maximises exchange by optimal diffusion. Translucent membrane makes observation by light microscopy more difficult**
- **Polyester (PE) or polyethylene terephthalate (PET) membrane: pore density allowing transparency (except in certain specific cases) and ideal visualisation under microscopy**
- **Polytetrafluoroethylene (PTFE) membrane: membrane that can be coated with a cell matrix and retains optical properties for microscopic analysis**



3) Define the format

The choice is made according to the cell type and the quantity of samples available.

- **Plates 6, 12, 24, 96 or Petri dishes 100 mm**

4) Choose your surface treatment

- **Coated plates are used either to promote the adhesion of certain cell types, or to highlight certain phenomena such as cell invasion, it is time to choose the most suitable coating**

On the following pages, you will find tables that summarise all these characteristics in order to make it easier for you to find your way around

Our team of specialists is also at your disposal, if you wish to discuss technical issues and get advice before making your choice

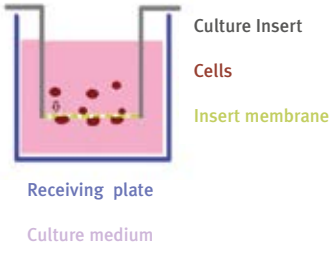
How to tell the difference between Migration and Cell Invasion

Many diseases, such as cancer, arthritis or atherosclerosis, are consequences of complex processes at the cellular level.
Cell migration and invasion are part of these processes.
Cell migration refers to the movement of cells, or tissues, in physiological or pathological contexts.
Cell invasion refers to a movement related to cell migration, where the cells have acquired an additional characteristic that allows them to cross the extracellular matrix. They have acquired the ability to degrade it.

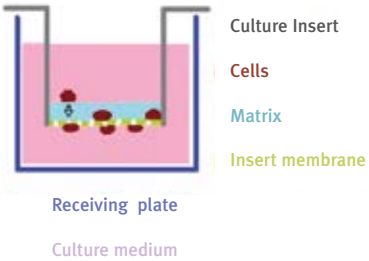
In order to avoid the progression of diseases by finding suitable drugs it is essential to study **these two mechanisms with different tests** :

- **The use of "Boyden chambers", which can be found under different names as culture inserts (different products in the following pages), a method which consists of placing cells in a support which is superimposed on a culture plate, and observing whether the cells manage to pass through a porous membrane which has been selected according to the cells or the analyses to be carried out**

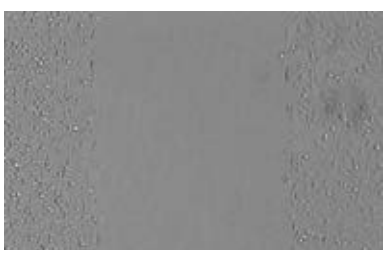
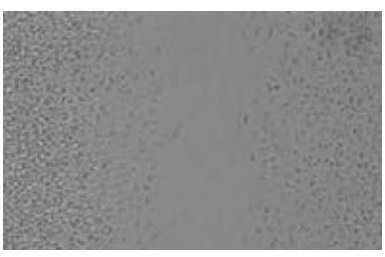
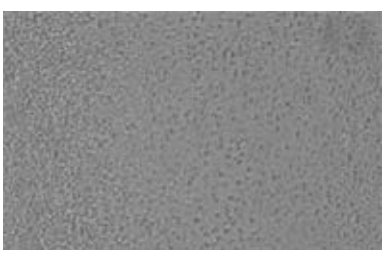
Migration



Invasion



- **The use of "wound test", "wound healing test" , which can be found under the name "scratch assay" (different products for this application in our catalogue: GREINER M3D, SPL...). A method for creating a cell-free zone in the middle of a confluent culture and observing whether and how the cells come together.**

Falcon® Inserts: different formats

Falcon® individual inserts for 6, 12 or 24 well culture plates

- PET membrane for easy cell adhesion and visualisation
- Use with Companion plates designed for perfect centering of the insert in the well and optimal gas exchange
- Individually blister-packed, without plate
- High density membrane (more pores) for optimum diffusion between the upper and lower well compartment

Falcon® integral inserts in 24 or 96 well plates

- Test automation (robot compatible)
- Supplied with a receiver plate for media renewal
- Fits Falcon® 24 and 96 plate sizes

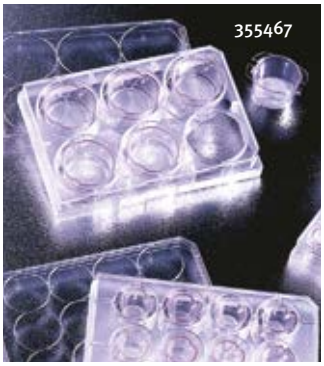
Applications

- Permeability of molecules analysis
- Cellular transport analysis
- Measuring of migration or invasion
- Chemotaxis Analysis









Cat. No.	Description	Membrane type	Membrane material	Units/ box	€/ box
Porosity 0.4 µm					
353090	Individual inserts for 6-well plates	Transparent	PET	48	N/A -
353493	Individual inserts for 6-well plates	High density translucent	PET	48	N/A -
353180	Individual inserts for 12-well plates	Transparent	PET	48	N/A -
353494	Individual inserts for 12-well plates	High density translucent	PET	48	N/A -
353095	Individual inserts for 24-well plates	Transparent	PET	48	N/A -
353495	Individual inserts for 24-well plates	High density translucent	PET	48	N/A -
Porosity 1 µm					
353102	Individual inserts for 6-well plates	Transparent	PET	48	N/A -
353103	Individual inserts for 12-well plates	Transparent	PET	48	N/A -
353104	Individual inserts for 24-well plates	Transparent	PET	48	N/A -
351181	24-well Insert System	Transparent	PET	5	N/A -
351131	96-well Insert System	Transparent	PET	5	N/A -
Porosity 3 µm					
353091	Individual inserts for 6-well plates	Transparent	PET	48	N/A -
353092	Individual inserts for 6-well plates	High density translucent	PET	48	N/A -
353181	Individual inserts for 12-well plates	Transparent	PET	48	N/A -
353292	Individual inserts for 12-well plates	High density translucent	PET	48	N/A -
353096	Individual inserts for 24-well plates	Transparent	PET	48	N/A -
353492	Individual inserts for 24-well plates	High density translucent	PET	48	N/A -
351183	24-well Insert System	Transparent	PET	5	N/A -
Porosity 8 µm					
353091	Individual inserts for 6-well plates	Transparent	PET	48	N/A -
353092	Individual inserts for 6-well plates	High density translucent	PET	48	N/A -
353181	Individual inserts for 12-well plates	Transparent	PET	48	N/A -
353292	Individual inserts for 12-well plate	High density translucent	PET	48	N/A -

Accessories

Cat. No.	Description	Units/ bag	Units/ box	€/ box
353502	Companion cell culture plate for individual 6-well inserts	1	50	N/A -
355467	Deep Well cell culture plate to accommodate individual 6-well inserts	1	4	N/A -
353503	Companion cell culture plate for individual 12-well inserts	1	50	N/A -
353504	Companion cell culture plate for individual 24-well inserts	1	50	N/A -
353925	Plate with square wells to accommodate one 96-well insert plate with lid	5	5	N/A -
351186	Reservoir plate to accommodate the 24-well insert plate with lid	5	5	N/A -
353924	Reservoir plate to accommodate the 96-well insert plate with lid	5	5	N/A -
353938	Reservoir plate for 96-well insert plate	5	5	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Corning® Inserts: different formats

Corning® individual inserts with 6, 12 or 24 well culture plates

- Different types of membranes, facilitating the adhesion of all cell types
- Inserts delivered positioned in the plates (attention: 12 inserts in a 24-well plate)
- Some inserts are coated to improve adhesion
- Possibility to have a Fluoroblok membrane on some items
- Transwell® technology has been widely published
- Polycarbonate: maximum diffusion for drug transport, secretion or absorption studies

Corning® insert system in 24 or 96 well plates

- Test automation (robot compatible)
- Possibility of having a Fluoroblok™ membrane for certain items
- Some inserts are coated to improve adhesion
- Invasion, migration and angiogenesis chambers already prepared with suitable coatings



Fluoroblok™ technology

- Inserts with an opaque membrane that blocks the transmission of visible light between 400 and 700 nm
- The fluorescent cells in the upper part of the insert are thus no longer visible
- The labelled cells that have crossed the membrane will be the only ones detected by fluorometry: by reader or microscope
- Avoids wasting time and the use of cotton swabs
- Enables migration or invasion kinetics to be established without destroying the insert

Cat. No.	Description	Membrane type	Membrane material	Units/ box	€/ box
Porosity 0.4 µm					
003412	Individual inserts with 6-well plate	Translucent	PC	24	N/A -
003401	Individual inserts with 12-well plate	Translucent	PC	48	N/A -
003413	Individual inserts with 24-well plate	Translucent	PC	48	N/A -
003450	Individual inserts with 6-well plate	Transparent	PET	24	N/A -
003460	Individual inserts with 12-well plate	Transparent	PET	48	N/A -
003470	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
003491	Individual inserts with 6-well plates with collagen coating	Translucent	PTFE	24	N/A -
003493	Individual inserts with 12-well plate with collagen coating	Translucent	PTFE	24	N/A -
003495	Individual inserts with 24-well plate with collagen coating	Translucent	PTFE	24	N/A -
003396	24-well Insert System	Translucent	PC	2	N/A -
003397	24-well Insert System	Translucent	PC	12	N/A -
003379	24-well Insert System	Transparent	PET	2	N/A -
003378	24-well Insert System	Transparent	PET	12	N/A -
003381	96-well Insert System	Translucent	PC	1	N/A -
003391	96-well Insert System	Translucent	PC	5	N/A -
007369	96-well Insert System	Transparent	PET	5	N/A -
354444	Biocoat™ Individual inserts for 24-well plates with collagen I coating	Transparent	PET	24	N/A -
Porosity 1 µm					
003380	96-well Insert System	Transparent	PET	1	N/A -
003392	96-well Insert System	Transparent	PET	5	N/A -
354474	Individual inserts for Biocoat™ 24-well plates with fibrillar collagen coating	Transparent	PET	24	N/A -
Porosity 3 µm					
003414	Individual inserts with 6-well plate	Translucent	PC	24	N/A -
003402	Individual inserts with 12-well plate	Translucent	PC	48	N/A -
003415	Individual inserts with 24-well plate	Translucent	PC	48	N/A -
003420	Petri dish inserts 100 mm	Translucent	PC	12	N/A -
003452	Individual inserts with 6-well plate	Transparent	PET	24	N/A -
003462	Individual inserts with 12-well plate	Transparent	PET	48	N/A -
003472	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
003492	Individual inserts with 6-well plate with collagen coating	Translucent	PTFE	24	N/A -
003494	Individual inserts with 12-well plate with collagen coating	Translucent	PTFE	24	N/A -
003496	Individual inserts with 24-well plate with collagen coating	Translucent	PTFE	24	N/A -
003398	24-well Insert System	Translucent	PC	2	N/A -
003399	24-well Insert System	Translucent	PC	12	N/A -
003385	96-well Insert System	Translucent	PC	2	N/A -
003386	96-well Insert System	Translucent	PC	8	N/A -
351151	Individual inserts for 24-well plate	Fluoroblok™	PET	48	N/A -
351156	24-well Insert System	Fluoroblok™	PET	5	N/A -
351161	96-well Insert System	Fluoroblok™	PET	1	N/A -
351162	96-well Insert System	Fluoroblok™	PET	5	N/A -
354597	Individual inserts for Biocoat™ 24-well plates with fibronectin coating	Fluoroblok™	PET	24	N/A -

Corning® inserts: different formats (continued)

Cat. No.	Description	Membrane type	Membrane material	Units/ box	€/ box
Porosity 3 µm					
354142	Biocoat™ 24-well insert plate with matrigel coating angiogenesis endothelial cell invasion	Fluoroblok™	PET	5	**N/A -**
354144	Biocoat™ 24-well insert plate with fibronectin coating endothelial cell migration	Fluoroblok™	PET	5	**N/A -**
354144	Biocoat™ 24-well insert plate with fibronectin coating endothelial cell migration	Fluoroblok™	PET	5	**N/A -**
354148	Biocoat™ 24-well insert plate with fibronectin coating endothelial cell migration	Fluoroblok™	PET	5	**N/A -**
Porosity 5 µm					
003421	Individual inserts with 24-well plate	Translucent	PC	48	**N/A -**
003387	96-well Insert System	Translucent	PC	8	**N/A -**
003388	96-well Insert System	Translucent	PC	2	**N/A -**
Porosity 8 µm					
003428	Individual inserts with 6-well plate	Translucent	PC	48	**N/A -**
003422	Individual inserts with 24-well plate	Translucent	PC	48	**N/A -**
003464	Individual inserts with 24-well plate	Transparent	PET	48	**N/A -**
003374	96-well Insert System	Transparent	PET	2	**N/A -**
003384	96-well Insert System	Transparent	PET	8	**N/A -**
351152	Individual inserts for 24-well plate	Fluoroblok™	PET	48	**N/A -**
351157	24-well Insert System	Fluoroblok™	PET	1	**N/A -**
351158	24-well Insert System	Fluoroblok™	PET	5	**N/A -**
351163	96-well Insert System	Fluoroblok™	PET	1	**N/A -**
351164	96-well Insert System	Fluoroblok™	PET	5	**N/A -**
354481	Biocoat™ Individual insert for 6-well plate with matrigel coating invasion chamber	Transparent	PET	24	**N/A -**
354480	Biocoat™ Individual insert for 24-well plate with matrigel coating invasion chamber	Transparent	PET	24	**N/A -**
354483	Biocoat™ Individual insert for 24-well plate with matrigel coating. Reduces growth factor invasion chamber	Transparent	PET	24	**N/A -**
354165	Biocoat™ 24-well insert plate with matrigel coating invasion chamber	Fluoroblok™	PET	1	**N/A -**
354166	Biocoat™ 24-well insert plate with matrigel coating invasion chamber	Fluoroblok™	PET	5	**N/A -**
354167	Biocoat™ 96-well insert plate with matrigel coating invasion chamber	Fluoroblok™	PET	1	**N/A -**
354168	Biocoat™ 96-well insert plate with matrigel coating invasion chamber	Fluoroblok™	PET	5	**N/A -**

Accessories

Cat. No.	Description	Units/ bag	Units/ box	€/ box
003395	Reservoir for 24-well insert plate, non treated	12	48	**N/A -**
003382	Reservoir plate to hold the 96-well insert plate with culture treatment	10	10	**N/A -**
003383	Reservoir plate to hold the 96-well insert plate with media stabiliser	10	10	**N/A -**
003583	Black reservoir plate to hold the 96-well insert plate with culture treatment	10	10	**N/A -**
003783	White reservoir plate to hold the 96-well insert plate with culture treatment	10	10	**N/A -**
353928	Reservoir plate with square wells to hold the fluoroblok 96-well insert plate	5	5	**N/A -**
354216	Calcein AM Fluorescent Fluorophores Marker	-	10 x 50 µg	**N/A -**
354217	Fluorescent Calcein AM Fluorophores Marker	-	1 mg	**N/A -**
354218	Fluorophores Fluorescent marker DilC12(3)	-	100 mg	**N/A -**

Snapwell™ inserts



- **The Snapwell™ insert is a Transwell™ culture insert consisting of a 12mm membrane supported by a removable ring**
- **2 types of membranes, polycarbonate or PET**
- **Once the cells have reached confluence, the ring can be placed in a vertical or horizontal diffusion chamber**
- **For electrophysiological or transport studies**
- **Sterile**
- **Porosity: 0.4 µm**

Cat.No.	Description	Membrane material	Units/ box	€/ box
003407	Snapwell™ insert for 6-well plate	PC	24	**N/A -**
003801	Snapwell™ insert for 6-well plate	PET	24	**N/A -**

Netwell™ PET inserts



- **Polystyrene inserts with a polyester mesh bottom**
- **Use as plates or sieves for the culture of small organs, tissue sections or explants at the air-liquid interface**
- **They allow coarse filtration of tissue homogenates or cell suspensions**
- **Very useful for immuno-histochemical staining of tissue sections**
- **Sterile**

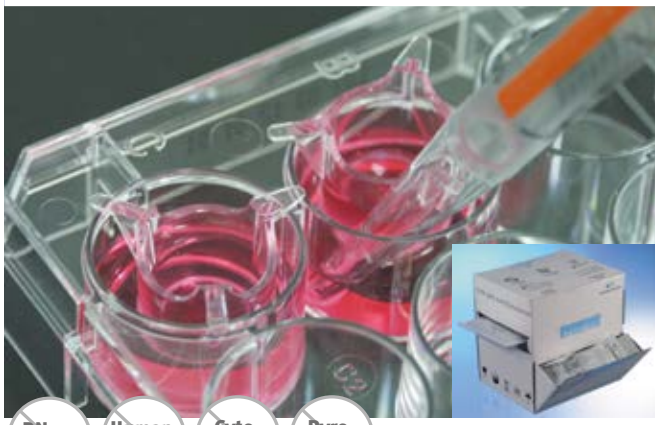
Cat.No.	Description	Porosity (µm)	Units/ box	€/ box
003477	Individual inserts for 12-well plate	74	48	**N/A -**
003478	Individual inserts for 12-well plate	440	48	**N/A -**
003479	Individual inserts for 6-well plate	74	48	**N/A -**
003480	Individual inserts for 6-well plate	440	48	**N/A -**

Accessories

Cat.No.	Description	Units/ box	€/ box
003517	Netwell™ black tray	200	**N/A -**
003519	Netwell™ white tray	200	**N/A -**
003520	12-well transport system for 15 mm inserts	8	**N/A -**
003521	6-well transport system for 24 mm inserts	8	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Greiner Bio-One ThinCert™ Inserts



DNase RNase | Human DNA | Cyto-toxic | Pyro-genic

Dispenser box

- Suspended inserts for 6, 12 and 24-well microplates
- Porosity of 0.4 µm, 1 µm, 3 µm, 8 µm
- Consisting of a high transparency polystyrene cup and a porous PET capillary membrane
- Membrane with a physical surface treatment to optimise adhesion and cell growth
- Homogeneous pore size for efficient exchange between compartments and reproducible testing
- Insert can be easily eccentricated for easy pipetting without risk of contamination
- Certified Class VI USP
- Transparent: medium pore density / translucent: high pore density
- Sterilised by irradiation
- Delivered in individual blisters with the corresponding number of microplates

Cat. No.	Description	Membrane type	Membrane material	Units/ box	€/ box
Porosity 0.4 µm					
657640	Individual inserts with 6-well plate	Translucent	PET	24	N/A -
657641	Individual inserts with 6-well plate	Transparent	PET	24	N/A -
665640	Individual inserts with 12-well plate	Translucent	PET	48	N/A -
665641	Individual inserts with 12-well plate	Transparent	PET	48	N/A -
662640	Individual inserts with 24-well plate	Translucent	PET	48	N/A -
662641	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
Porosity 1 µm					
657610	Individual inserts with 6-well plate	Transparent	PET	24	N/A -
665610	Individual inserts with 12-well plate	Transparent	PET	48	N/A -
662610	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
Porosity 3 µm					
657631	Individual inserts with 6-well plate	Translucent	PET	24	N/A -
657630	Individual inserts with 6-well plate	Transparent	PET	24	N/A -
665631	Individual inserts with 12-well plate	Translucent	PET	48	N/A -
665630	Individual inserts with 12-well plate	Transparent	PET	48	N/A -
662631	Individual inserts with 24-well plate	Translucent	PET	48	N/A -
662630	Individual inserts with 24-well plate	Transparent	PET	48	N/A -
Porosity 8 µm					
657638	Individual inserts with 6-well plate	Translucent	PET	24	N/A -
665638	Individual inserts with 12-well plate	Translucent	PET	48	N/A -
662638	Individual inserts with 24-well plate	Translucent	PET	48	N/A -

Special accessories

ThinCert™ Deep plates for long cultures without medium change.

Cat. No.	Description	Units/ bag	Units/ box	€/ box
657110	Deepwell PS transparent receiver plate for individual 6-well inserts	1	50	N/A -
665110	Deeepwell PS Transparent Receptor Plate for individual 12-well inserts	1	60	N/A -

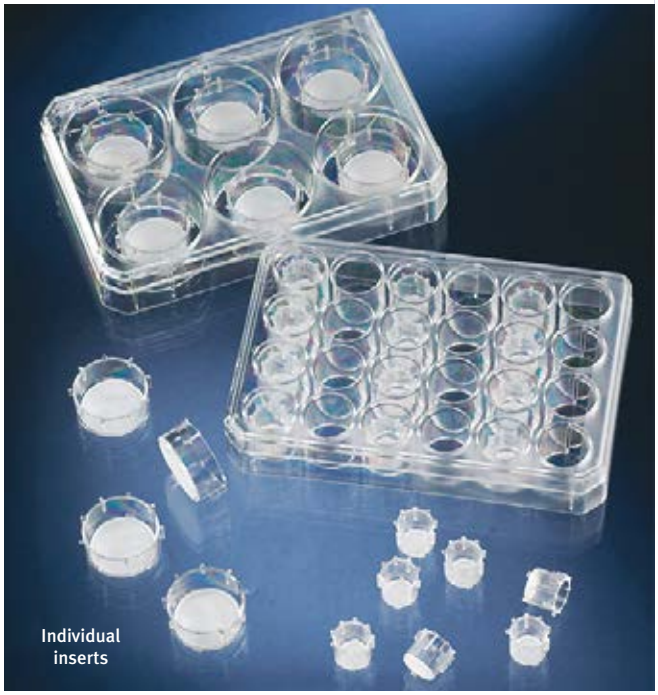


Application guide available online

Nunc™ inserts

Individual Nunc™ inserts for 6, 12 or 24 well culture plates

- Polycarbonate membrane for easy cell anchoring
- Inserts already positioned in the plates
- Non-toxic, non-pyrogenic
- Recoverable bags
- Grip tabs
- Sterile


Individual inserts

Plates for simultaneous handling of multiple Nunc™ inserts

- Time saving
- Limitation of handling
- Sterile


Plate for simultaneous handling of several inserts

Applications

- Transport: molecules, hormones, growth factors, drugs across cell barriers
- Chemotaxis: migration of cells such as eosinophils, neutrophils or macrophages
- Invasion: tumour invasion and metastasis model, invasion inhibitors and extracellular matrix effects
- Co-culture: cell-cell interaction, cell-matrix interaction or cell-substrate interaction
- Cellular engineering: angiogenesis, dermis/epidermis or epithelial tissue models

Cat. No.	Description	Membrane type	Membrane material	Inserts/ plate	Inserts/ box	Units/ box	€/ box
Porosity 0.4 µm							
056414	Individual inserts with 6-well plate, culture area 3.14 cm2	Translucent	PC	6	24	4	N/A -
056417	Individual inserts with 6-well plate, culture area 4.1 cm2	Translucent	PC	6	24	4	N/A -
056411	Individual inserts with 12-well plate	Translucent	PC	12	48	4	N/A -
056408	Individual inserts with 24-well plate	Translucent	PC	12	48	4	N/A -
056740	MD12 plate (12 wells) with inserts already placed inside	Translucent	PC	12	48	4	N/A -
056736	MD24 plate (24 wells) with inserts already placed inside	Translucent	PC	24	96	4	N/A -
Porosity 3 µm							
056415	Individual inserts with 6-well plate, culture area 3.14 cm²	Translucent	PC	6	24	4	N/A -
056418	Individual inserts with 6-well plate, culture area 4.1 cm²	Translucent	PC	6	24	4	N/A -
056412	Individual inserts with 12-well plate	Translucent	PC	12	48	4	N/A -
056409	Individual inserts with 24-well plate	Translucent	PC	12	48	4	N/A -
056741	MD12 plate with inserts already placed inside	Translucent	PC	12	48	4	N/A -
056737	MD24 plate with inserts already placed inside	Translucent	PC	24	96	4	N/A -
Porosity 8 µm							
056416	Individual inserts with 6-well plate, culture area 3.14 cm²	Translucent	PC	6	24	4	N/A -
056419	Individual inserts with 6-well plate, culture area 4.1 cm²	Translucent	PC	6	24	4	N/A -
056413	Individual inserts with 12-well plate	Translucent	PC	12	48	4	N/A -
056410	Individual inserts with 24-well plate	Translucent	PC	12	48	4	N/A -
056742	MD12 plate with inserts already placed inside	Translucent	PC	12	48	4	N/A -
056738	MD24 plate with inserts already placed inside	Translucent	PC	24	96	4	N/A -

Insert plates simultaneous handling of several Nunc™ inserts, without inserts

- Adjustable vertical position of the inserts (3 positions)
- Compatible with different plate formats (Multidish, Omnitray, Bioassay plates)

Cat. No.	Description	Units/ box	€/ box
056743	12-well plate without insert, MD12	4	N/A -
056739	24-well plate without insert, MD24	4	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Merck Millipore® Inserts

Individual Millicell inserts for 6, 12 or 24 well culture plates

- PET membrane for better cell visualisation
- Eccentric geometry for easy access to the basolateral compartment
- High walls: increase the capacity of the insert and limit the risk of overflow
- Individually blister-packed, without plate
- 24-well inserts can only be used with Millicell-24 plates



Millicell integral inserts in 24 or 96 well plates

- PET or PCF (polycarbonate) membranes
- Optical transparency of the membranes for easy cell visualisation
- Raised well edges for optimal adhesive sealing
- Large surface area of the membranes
- Unique design: pipetting channel, independent access to basal compartment



Millicell culture chamber

- Different types of membranes Biopore (PTFE), MF (Ester cellulose), Isopore (PC)
- Membrane inserts for 6- or 24-well plates
- Improve cell differentiation
- Expand the possibilities of analyses
- Sterile

Cat. No.	Description	Membrane type	Membrane material	Units/ box	€/ box
Porosity 0.4 µm					
051707B	Individual inserts for 6-well plate	Translucent	PET	48	**N/A -**
051706B	Individual inserts for 12-well plate	Translucent	PET	48	**N/A -**
051705B	Individual inserts for 24-well plate	Translucent	PET	48	**N/A -**
051720	24-well insert plate and 2 receiver plates (1 single-well and 1 24-well)	Transparent	PCF	1	**N/A -**
051721	24-Well insert plate and single-well receiver plate	Transparent	PCF	5	**N/A -**
053711	96-well Insert System	Transparent	PCF	1	**N/A -**
053713	96-well insert plate and receiver plate (1 of 96 wells)	Transparent	PCF	5	**N/A -**
053714	96-well insert plate and 1 single-well plate	Transparent	PCF	5	**N/A -**
044001	Culture chamber for 24-well plates	Translucent	PTFE	50	**N/A -**
044002	Culture chamber for 6-well plates	Translucent	PTFE	50	**N/A -**
044003	Culture chamber for 6-well plate, organotypic culture (5 mm high)	Translucent	PTFE	50	**N/A -**
044004	Culture chamber for 24-well plates	Translucent	Ester cellulose	50	**N/A -**
044005	Culture chamber for 6-well plates	Translucent	Ester cellulose	50	**N/A -**
044010	Culture chamber for 24-well plates	Translucent	PC	50	**N/A -**
044011	Culture chamber for 6-well plates	Translucent	PC	50	**N/A -**
Porosity 1 µm					
051710B	Individual inserts for 6-well plate	Transparent	PET	48	**N/A -**
051709B	Individual inserts for 12-well plate	Transparent	PET	48	**N/A -**
051708B	Individual inserts for 24-well plate	Transparent	PET	48	**N/A -**
051722	24-Well insert plate and 2 receiver plates (1 single-well and 1 of 24 wells)	Transparent	PET	1	**N/A -**
051723	24-well insert plate and receiver plate (1 single well)	Transparent	PET	5	**N/A -**
053712	96-well Insert System	Transparent	PET	1	**N/A -**
053715	96-well Insert System	Transparent	PET	5	**N/A -**
Porosity 3 µm					
051713B	Individual inserts for 6-well plate	Translucent	PET	48	**N/A -**
051712B	Individual inserts for 12-well plate	Translucent	PET	48	**N/A -**
051711B	Individual inserts for 24-well plate	Translucent	PET	48	**N/A -**
053854	24-Well insert plate and 2 receiver plates (1 single-well and 1 of 24 wells)	Transparent	PCF	1	**N/A -**
053965	24-well insert plate and receiver plate (1 of 24 wells)	Transparent	PCF	5	**N/A -**
044012	Culture chamber for 24-well plates	Translucent	PC	50	**N/A -**
Porosity 5 µm					
051716B	Individual inserts for 6-well plate	Translucent	PET	48	**N/A -**
051715B	Individual inserts for 12-well plate	Translucent	PET	48	**N/A -**
051714B	Individual inserts for 24-well plate	Translucent	PET	48	**N/A -**
053962	24-Well insert plate and 2 receiver plates (1 single-well and 1 of 24 wells)	Transparent	PCF	1	**N/A -**
053963	24-well insert plate and c plate (1 of 24 wells)	Transparent	PCF	5	**N/A -**
Porosity 8 µm					
051719B	Individual inserts for 6-well plate	Translucent	PET	48	**N/A -**
051718B	Individual inserts for 12-well plate	Translucent	PET	48	**N/A -**
051717B	Individual inserts for 24-well plate	Translucent	PET	48	**N/A -**
053960	24-Well insert plate and 2 receiver plates (1 single-well and 1 of 24 wells)	Transparent	PCF	1	**N/A -**
053961	24-well insert plate and receiver plate (1 of 24 wells)	Transparent	PCF	5	**N/A -**
Porosity 12 µm					
044014	Culture chamber for 24-well plates	Translucent	PC	50	**N/A -**

Accessories

Cat. No.	Description	Units/ bag	Units/ box	€/ box
051724	Single-well receiver plate	5	5	**N/A -**
051725	24-well receiver plate	5	5	**N/A -**

Brand® Inserts

Brand® individual inserts (2 in 1) for 6, 12 or 24 well culture plates

- Different types of membranes to improve adhesion and exchanges (PC membrane with higher pore density)
- 2 in 1: hanging or standing use
- Individually packed or in multi-packs
- Suitable for various brands of multi-well plates
- Cellgrade plus treated membrane





Individual inserts for BRANDplate®

- Different types of membranes to improve adhesion and exchanges (PC membrane with higher pore density)
- Choice of smooth-walled or ducted inserts
- The channels allow the membrane to be ideally positioned in relation to the culture medium, which promotes the growth, and therefore the thickness, of a tissue culture



BRANDplate® break-off strips with 4 inserts

- Different types of membranes to improve adhesion and exchanges (PC membrane with higher pore density)
- Available independently of the plates or directly in the plates
- Sterile

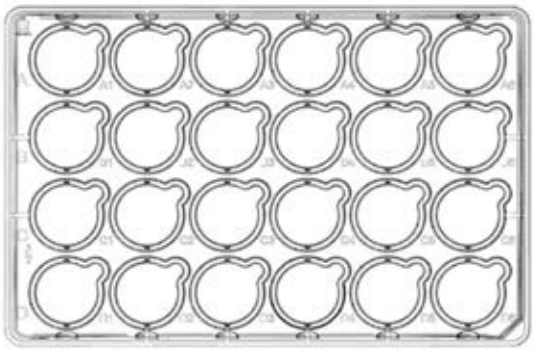
Cat. No.	Description	Membrane type	Membrane material	Inserts/ box	Units/ box	€/ box
Porosity 0.4 µm						
145551	Individual inserts for 6-well 2-in-1 plates	Transparent	PET	1	24	N/A -
145552	Individual inserts for 6-well 2-in-1 plates	Transparent	PET	6	24	N/A -
145543	Individual inserts for 12-well 2-in-1 plates	Transparent	PET	1	48	N/A -
145544	Individual inserts for 12-well 2-in-1 plates	Transparent	PET	9	48	N/A -
145531	Individual inserts for 24-well 2-in-1 plates	Transparent	PET	1	48	N/A -
145532	Individual inserts for 24-well 2-in-1 plates	Transparent	PET	12	48	N/A -
145547	Individual inserts for 6-well 2-in-1 plates	Translucent	PC	1	24	N/A -
145548	Individual inserts for 6-well 2-in-1 plates	Translucent	PC	6	24	N/A -
145539	Individual inserts for 12-well 2-in-1 plates	Translucent	PC	1	48	N/A -
145540	Individual inserts for 12-well 2-in-1 plates	Translucent	PC	9	48	N/A -
145535	Individual inserts for 24-well 2-in-1 plates	Translucent	PC	1	48	N/A -
145536	Individual inserts for 24-well 2-in-1 plates	Translucent	PC	12	48	N/A -
145562	Smooth wall Individual inserts for BRANDplate®	Translucent	PC	1	48	N/A -
674393	Smooth wall Individual inserts for BRANDplate®	Transparent	PET	1	48	N/A -
145567	Individual inserts with channels for BRANDplate®	Translucent	PC	1	48	N/A -
145568	Individual inserts with channels for BRANDplate®	Transparent	PET	1	48	N/A -
145573	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145574	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Transparent	PET	1	12	N/A -
145579	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145580	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Transparent	PET	1	12	N/A -
145585	BRANDplate® 6 wells with 6 strips of 4 inserts, smooth wall	Translucent	PC	1	5	N/A -
145586	BRANDplate® 6 wells with 6 strips of 4 inserts, smooth wall	Transparent	PET	1	5	N/A -
145591	BRANDplate® 6 wells with 6 strips of 4 inserts, with channels	Translucent	PC	1	5	N/A -
145592	BRANDplate® 6 wells with 6 strips of 4 inserts, with channels	Transparent	PET	1	5	N/A -
Porosity 1 µm						
145563	Smooth wall Individual inserts for BRANDplate®	Translucent	PC	1	48	N/A -
145569	Individual inserts with channels for BRANDplate®	Translucent	PC	1	48	N/A -
145575	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145581	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145587	BRANDplate® 6 wells with 6 strips of 4 smoothwall inserts	Translucent	PC	1	5	N/A -
145593	BRANDplate® 6 wells with 6 strips of 4 inserts with channels	Translucent	PC	1	5	N/A -
Porosity 3 µm						
145564	Smooth wall Individual inserts for BRANDplate®	Translucent	PC	1	48	N/A -
145570	Individual inserts with channels for BRANDplate®	Translucent	PC	1	48	N/A -
145576	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145582	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145588	BRANDplate® 6 wells with 6 strips of 4 smoothwall inserts	Translucent	PC	1	5	N/A -
145594	BRANDplate® 6 wells with 6 strips of 4 inserts with channels	Translucent	PC	1	5	N/A -
Porosity 8 µm						
145553	Individual inserts for 6-well 2-in-1 plates	Transparent	PET	1	24	N/A -
145554	Individual inserts for 6-well 2-in-1 plates	Transparent	PET	6	24	N/A -
145543	Individual inserts for 12-well 2-in-1 plates	Transparent	PET	1	48	N/A -
145544	Individual inserts for 12-well 2-in-1 plates	Transparent	PET	9	48	N/A -
145533	Individual inserts for 24-well 2-in-1 plates	Transparent	PET	1	48	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Brand® Inserts (continued)

Cat. No.	Description	Membrane type	Membrane material	Inserts/ box	Units/ box	€/ box
Porosity 8 µm						
145534	Individual inserts for 24-well 2-in-1 plates	Transparent	PET	12	48	N/A -
145549	Individual inserts for 6-well 2-in-1 plates	Translucent	PC	1	24	N/A -
145550	Individual inserts for 6-well 2-in-1 plates	Translucent	PC	6	24	N/A -
145541	Individual inserts for 12-well 2-in-1 plates	Translucent	PC	1	48	N/A -
145542	Individual inserts for 12-well 2-in-1 plates	Translucent	PC	9	48	N/A -
145537	Individual inserts for 24-well 2-in-1 plates	Translucent	PC	1	48	N/A -
145538	Individual inserts for 24-well 2-in-1 plates	Translucent	PC	12	48	N/A -
145565	Individual inserts for BRANDplate® , smooth wall	Translucent	PC	1	48	N/A -
145566	Individual inserts for BRANDplate® , smooth wall	Transparent	PET	1	48	N/A -
145571	Individual inserts for BRANDplate® , with channels	Translucent	PC	1	48	N/A -
145572	Individual inserts for BRANDplate® , with channels	Transparent	PET	1	48	N/A -
145577	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145578	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Transparent	PET	1	12	N/A -
145583	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Translucent	PC	1	12	N/A -
145584	Break-off strip with 4 inserts with channels for BRANDplates®24/6 wells	Transparent	PET	1	12	N/A -
145589	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Translucent	PC	1	5	N/A -
145590	Break-off strip with 4 smoothwall inserts for BRANDplates® 24/6 wells	Transparent	PET	1	5	N/A -
145595	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Translucent	PC	1	5	N/A -
145596	Break-off strip with 4 inserts with channels for BRANDplates® 24/6 wells	Transparent	PET	1	5	N/A -

Two types of BRANDplate®



- **Puregrade™: non treated**
- **Cellgrade™: treated culture**

Cat.No.	Description	Units/ bag	Units/ box	€/ box
674374	Receiver Plate BRANDplate® Puregrade™ S with 24 wells	1	10	N/A -
145559	Receiver Plate BRANDplate® Puregrade™ S with 6 wels (4 connected wells)	1	10	N/A -
145560	Receiver Plate BRANDplate® Cellgrade™ plus with 24 wells	1	10	N/A -
145561	Receiver Plate BRANDplate® Cellgrade™ plus with 6 wells (4 connected wells)	1	10	N/A -

SPL co-culture dishes



- **Polystyrene boxes with a nylon membrane**
- **Membrane thickness: 10 oir 23 µm**
- **Porosity: 23 µm**
- **Sterile**

Cyto-toxin · Pyro-genic · DNase RNase · Human DNA

Cat. No.	Int. dim. Ø x h (mm)	Ext. dim. Ø x h (mm)	Surface of culture(cm²)	Vol. of work (ml)	Grip external	Units/ bag	Units/ box	€/ box
330086	52.8 x 12.8	60 x 15	21.5	5	Yes	10	20	N/A -
330087	86.26 x 17.7	100 x 20	57.5	12.5	No	10	20	N/A -

Boost your 2D and 3D cell cultures with IVTECH solutions

New *in vitro* test method to get closer to the environment and physiology *in vivo*.
Patented "Organ-on-a-Chip" culture chamber technology for dynamic cell cultures thanks to the continuous flow of medium to the cultures.
Easy to implement and optimal oxygen and nutrient exchange and reagent injection.

LiveBox 1 technology

- **Transparent culture chamber with a removable glass culture plate on which adherent cell cultures or tissues are placed (e.g. biopsies)**
- **Bioreactor with a continuous flow of medium or reagents**
- **Different formats 6, 12 or 24 wells**



Single flow configuration: 1 flow tangential to the cells

Cat. No.	Description	€
395500	LIVEBOX1 Kit	N/A -
395503	LIVEBOX1-6 Kit	N/A -
395505	LIVEBOX1-12 Kit	N/A -

Applications

- **Real-time and non-real-time imaging analysis of 2D and 3D cultures**
- **Analysis of the effects of a drug on a cell culture in a dynamic and physiological way**
- **The starter kit includes everything needed to start the experiments: LB1 with clamp, tubes, connectors and mixing chambers**



LiveBox 2 technology

- **Two connected transparent culture chambers into which a specific culture insert or membrane can be placed**
- **Bioreactor with several possibilities of media flow to adapt to different research protocols (air/liquid, liquid/liquid method...)**
- **Different insert sizes for 6, 12 or 24 wells**

Two configurations



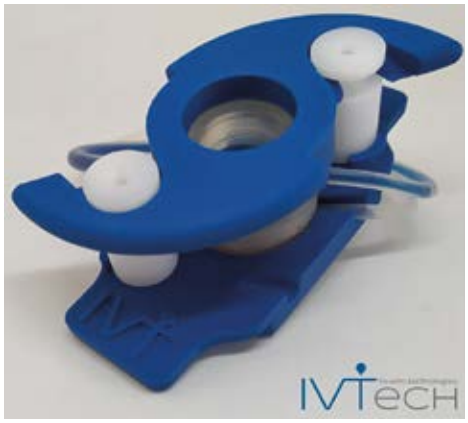
Tangential flows configuration: 2 parallel flows for tangential stimulation of the cells seeded onto the membrane

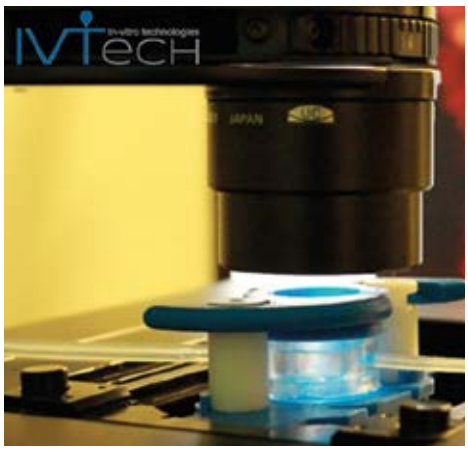
Tangential flow configuration:
for the study of physiological barriers, the apical and basal poles are perfused by 2 independent flows parallel to the membrane.



Perfusion configuration: 1 flow which perfuses the cells construct in vertical direction
(2 sub-configurations: Top-down, or down-top directions)

Flow configuration in infusion:
for the 3D study, with the flow lines running vertically through the cells. Two types of configurations can be chosen.





Applications

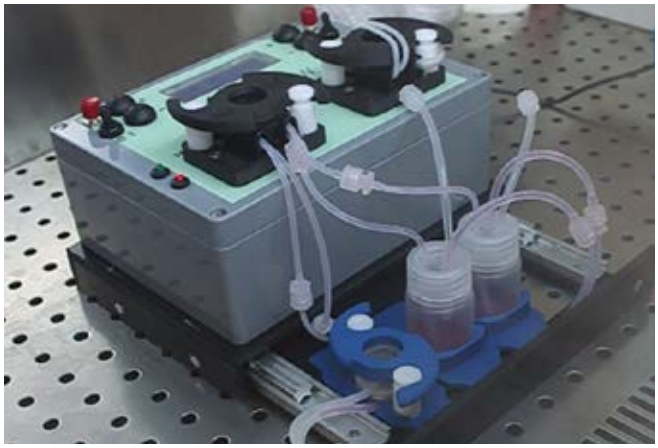
- **Possibility of studying different types of cells or tissues from different organs (liver, intestine, lung, skin...) which can be interconnected by linking the LiveBoxes to evaluate the effects of their exchanges in the same environment**
- **3D suspension cell culture, ALI method culture..**
- **Simulation of physiological barriers by creating an *in vivo* environment**
- **The starter kit includes everything needed to start the experiments: LB2 with clamp, porous membranes, tubes, connectors and mixing chambers**

Cat. No.	Description	€
395501	LIVEBOX2 Kit	N/A -
395502	LIVEBOX2-24ISA Kit	N/A -
395504	LIVEBOX2-6T Kit	N/A -

LiveFlow peristaltic pump

- **Compact pump to be placed inside the incubator to start dynamic cultures and keep temperature and CO_2 percentage conditions controlled**
- **Best way to reproduce experimental conditions close to the *in vivo* environment**
- **Flow rates ranging from 50 µl/min to 500 µl/min**
- **2 heads and 4 independent fluid circuits**

Cat. No.	Description	€
395506	LiveFlow peristaltic pump	N/A -



TIP

Many additional products for this range on our website, contact us directly



All prices are indicative and exclude VAT. Visit www.dulis.nl

ADHERENT CELLS CULTURE

Which is the best cellware for your adherent cell culture?

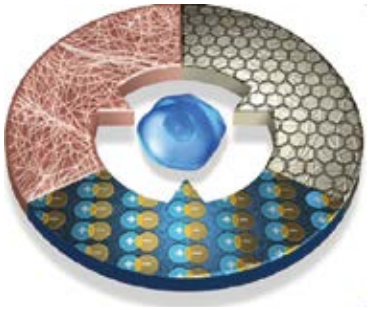


1) Choice of the type of cellware

When you want to work in 2 dimensions on this type of cell, the first step is to select the type of cellware. We have a choice between Petri dishes, flasks, plates, culture chambers, rollers....
The choice will depend mainly on the number of cells to be cultivated, the culture environment, the ideal physiology, but also the working habits.

2) Choice of treatment

Once you have selected the cellware, there is still a wide choice. It will depend on the type of cells, their origin (primary culture or cell lines), the type of research (cell activity, differentiation...) and the purpose of your work.



- **There are 3 main types of treatments, but all of them can play an important role in the attachment of your precious cells:**
  - **synthetic treatments : modification of the surface of the plastic in order to add various charges (positive, negative, a mixture of both...). Treated culture, CellBind™, Cellstar® Advanced TC™, Nuclon®...**
  - **Natural coating treatments : self-deposition of matrices or plates directly coated by extracellular matrices such as collagen, fibronectin, Poly-D-Lysine, matrigel...**
  - **Mimetic treatments : plates optimised by the presence of synthesised proteins that are on the surface. Proteins that can mimic certain matrix anchors such as collagen or fibronectin. Avoiding biological variables is essential for certain projects and drugs in cell or gene therapy (e.g., Purecoat™, Synthemax®...)**

Cell culture flasks

Standard cap

- **When closed, it ensures that the flask is air and liquid tight. In a semi-open position, it allows gas exchange**

Filter cap

- **With hydrophobic membrane of 0.2 µm porosity. When the cap is closed it allows gas exchange while reducing the risk of contamination**

Falcon® standard cell culture flasks



- **Wide range of surfaces from 12.5 cm² to 875 cm²**
- **Sterile (gamma irradiation)**
- **Frosted marking surface**
- **Volumetric gradations**
- **Double packaging**

Cyto-toxin — Pyro-genic

Corning BioCoat™

- **2D or monolayer cell culture often uses extracellular matrix proteins to mimic the natural environment of adherent cells.**
- **Standard cell culture plates are then coated with extracellular matrix proteins (Collagen Type I, Fibronectin, Laminin) or synthetic proteins (Poly-D- and Poly-L-Lysine). This allows for better cell adhesion, growth and differentiation.**
- **These coated plates are ideally suited for cell cultures in serum-free media and for protocols involving additional wash steps or stressful steps, e.g. transfection**
- **The choice of coating to be used depends on the cells to be cultured and therefore on the composition of the extracellular matrix *in vivo* for these cells**

Corning Primaria®

- **A surface treatment that promotes the attachment and proliferation of cell types that are difficult to grow on a traditional culture plate. The surface treatment is stable over time and homogeneous, particularly suitable for neuronal, endothelial or tumour cells**

PureCoat™ Amine

- **Suitable for cells that exhibit weak attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: primary neuronal cells, transfected cells (e.g., HEK-293) or cell lines such as PC12, HepG2**
- **Alternative to biological coatings - animal-free surface**
- **Stable surface 18 months from date of manufacture**

PureCoat™ Carboxyl

- **Suitable for cells that show poor attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: boxiomyocytes (rat, mouse), keratinocytes (rat), PC12, HT-1080, MCR-5**
- **Alternative to biological coatings - animal-free surface**
- **Stable surface 18 months from date of manufacture**

ECM Mimetic Fibronectin Peptide

- **A surface that contains synthetic, biologically active peptides that mimic the cellular attachment usually promoted by extracellular matrix proteins. Suitable for primary cells, stem cells**

See Cat. No. on next page

Falcon® standard cell culture flasks

Cat. No.	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 12.5 cm²						
353018	Canted	Standard	TC	10	100	**N/A -**
353107	Canted	Filter	TC	10	100	**N/A -**
Surface area 25 cm²						
353014	Canted	Standard	TC	20	200	**N/A -**
353108	Canted	Filter	TC	20	100	**N/A -**
353813	Canted	Standard	Primaria®	20	200	**N/A -**
353808	Canted	Filter	Primaria®	10	100	**N/A -**
354484	Canted	Filter	Collagen I	10	10	**N/A -**
356484	Canted	Filter	Collagen I	10	50	**N/A -**
354536	Canted	Filter	Poly-D-Lysine	10	10	**N/A -**
356536	Canted	Filter	Poly-D-Lysine	10	50	**N/A -**
Surface area 25 cm² - easy access						
353082	Canted	Standard	TC	20	200	**N/A -**
353109	Canted	Filter	TC	20	100	**N/A -**
Surface area 75 cm²						
353024	Straight	Standard	TC	5	100	**N/A -**
353110	Straight	Filter	TC	5	100	**N/A -**
353824	Straight	Standard	Primaria®	5	100	**N/A -**
353810	Straight	Filter	Primaria®	5	100	**N/A -**
354726	Canted	Filter	Purecoat™ Amine	5	5	**N/A -**
354778	Canted	Filter	Purecoat™ Carboxyl	5	5	**N/A -**
356242	Canted	Filter	ECM Mimetic	1	10	**N/A -**
354485	Canted	Filter	Collagen I	5	5	**N/A -**
356485	Canted	Filter	Collagen I	5	50	**N/A -**
354523	Canted	Standard	Collagen IV	5	10	**N/A -**
354521	Canted	Standard	Fibronectin	5	10	**N/A -**
356488	Canted	Filter	Gelatin	5	50	**N/A -**
354537	Canted	Filter	Poly-D-Lysine	10	10	**N/A -**
356537	Canted	Filter	Poly-D-Lysine	10	50	**N/A -**

Cat. No.	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 75 cm² - easy access						
353135	Canted	Standard	TC	5	60	**N/A -**
353136	Canted	Filter	TC	5	60	**N/A -**
Surface area 150 cm²						
355000	Canted	Standard	TC	5	40	**N/A -**
355001	Canted	Filter	TC	5	40	**N/A -**
354486	Canted	Filter	Collagen I	5	5	**N/A -**
356486	Canted	Filter	Collagen I	5	40	**N/A -**
354538	Canted	Filter	Poly-D-Lysine	5	5	**N/A -**
356538	Canted	Filter	Poly-D-Lysine	5	40	**N/A -**
Surface area 175 cm²						
353028	Straight	Standard	TC	5	40	**N/A -**
353112	Straight	Filter	TC	5	40	**N/A -**
354728	Straight	Filter	Purecoat™ Amine	5	5	**N/A -**
354780	Straight	Filter	Purecoat™ Carboxyl	5	5	**N/A -**
356243	Straight	Filter	ECM Mimetic	1	10	**N/A -**
354487	Straight	Filter	Collagen I	5	5	**N/A -**
354539	Straight	Filter	Poly-D-Lysine	5	5	**N/A -**
356539	Straight	Filter	Poly-D-Lysine	5	40	**N/A -**
Surface area 225 cm²						
353139	Canted	Standard	TC	5	30	**N/A -**
353138	Canted	Filter	TC	5	30	**N/A -**

Cyto-toxin

Pyro-genic

Falcon® multi-layer cell culture flasks

- **Treated cell culture**
- **Available in:**
  - 3 layers- 525 cm² growth area
  - and 5 layers - 875 cm² growth area
- **Maximum 50 ml of medium per layer**
- **Homogeneous distribution of the culture medium and cells on the different layers for homogeneous cell growth**
- **Batch number printed on each flask to ensure traceability**
- **Manufacture to cGMP standards**
- **Available with PureCoat surface treatment**
- **Straight neck**

Cat.No.	Surface area in cm²	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
3 layers						
353143	525	Filter	TC	1	12	**N/A -**
356244	525	Filter	Purecoat peptide fibronectin	1	8	**N/A -**
356274	525	Filter	Purecoat collagen I peptide	1	8	**N/A -**
5 layers						
353144	875	Filter	TC	1	8	**N/A -**
356245	875	Filter	Purecoat peptide fibronectin	1	6	**N/A -**
356275	875	Filter	Purecoat collagen I peptide	1	6	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Corning® standard cell culture flasks



430372



00430641U / 0043720U / 00430725U







Enter the Cat. No.on dulis.nl to find the guide of recommended cell yield and volume of medium

- In polystyrene
- Sterilised by gamma irradiation SAL 10^{-5}
- Certified non-pyrogenic
- Endotoxins Tested ‹ 0.1 EU/ml

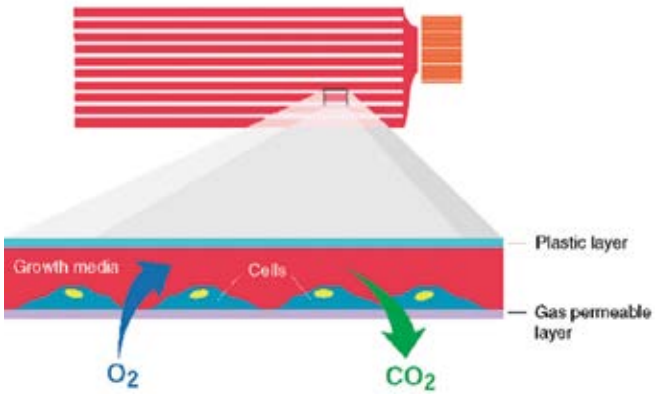
CellBIND® Surface

- Surface treatment with negative charges, more hydrophilic surface for better cell attachment, which facilitates proliferation

Cat. No.	Type of Flask	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 25 cm²							
430168	Rectangular	Canted	Standard	TC	20	500	N/A -
430372	Rectangular	Canted	Phenolic	TC	20	500	N/A -
430639	Rectangular	Canted	Filter	TC	20	500	N/A -
003289	Rectangular	Canted	Filter	CellBIND®	20	200	N/A -
Surface area 75 cm²							
00430720U	U-Shaped	Canted	Standard	TC	5	100	N/A -
00430641U	U-Shaped	Canted	Filter	TC	5	100	N/A -
00430725U	U-Shaped	Canted	Phenolic	TC	5	100	N/A -
003290	U-Shaped	Canted	Filter	CellBIND®	5	100	N/A -
Surface area 150 cm²							
430823	U-Shaped	Canted	Standard	TC	5	50	N/A -
430824	U-Shaped	Canted	Phenolic	TC	5	50	N/A -
430825	U-Shaped	Canted	Filter	TC	5	50	N/A -
003291U	U-Shaped	Canted	Filter	CellBIND®	5	50	N/A -
Surface area 175 cm²							
431079	U-Shaped	Angled	Standard	TC	5	50	N/A -
431080	U-Shaped	Angled	Filter	TC	5	50	N/A -
431085	U-Shaped	Angled	Phenolic	TC	5	50	N/A -
00431306*	Rectangular	Angled	Filter	TC	7	84	N/A -
00431328*	Rectangular	Angled	Filter	CellBIND®	7	84	N/A -
Surface area 225 cm²							
431081	Rectangular	Angled	Standard	TC	5	25	N/A -
431082	Rectangular	Angled	Filter	TC	5	25	N/A -
003293	Rectangular	Angled	Filter	CellBIND®	5	25	N/A -

* Barcoded flasks, validated for use with the Selec T™ robotic system

Corning® HYPERFlask® multi-layer cell culture flasks





- Sterile
- 10 interconnected trays in one flask
- Footprint of a 175 cm² flask
- Gas-permeable cultivation surface
- Bar code
- Reduce space in the incubator
- High cell yield

Cat. No.	Surface area (cm²)	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
HYPERFlask® M specially designed for manual use						
0010030	1720	Standard	CellBIND®	1	4	N/A -
0010020	1720	Standard	CellBIND®	4	4	N/A -
0010034	1720	Standard	CellBIND®	4	24	N/A -
HYPERFlask® - select T robotic system						
0010024	1720	Standard	CellBIND®	4	24	N/A -

Polyethylene cap for HYPERFlask®

Cat. No.	Description	Units/ bag	Units/ box	€/ box
0010035	Polyethylene cap, non-vented, sterile, Ø 33 mm for HYPERFlask®	1	4	N/A -

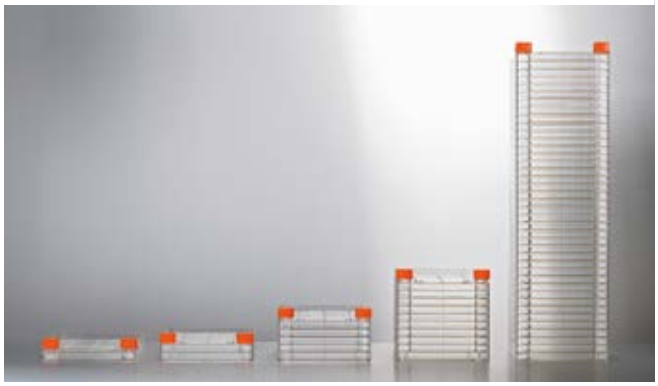
Corning® CellSTACK® culture chambers

- Five sizes: from 1-stack (636 cm²) to 40-stacks (25 440 cm²)
- Several surface treatments available: standard cell culture treatment, Corning CellBIND® surface for improved cell adhesion, or ULA (Ultra-Low Attachment) surface for minimal cell adhesion
- Sterile
- Non-pyrogenic
- Manufactured in the USA under GMP conditions
- Easy to use
- Wide opening with filter cap
- Format can be automated

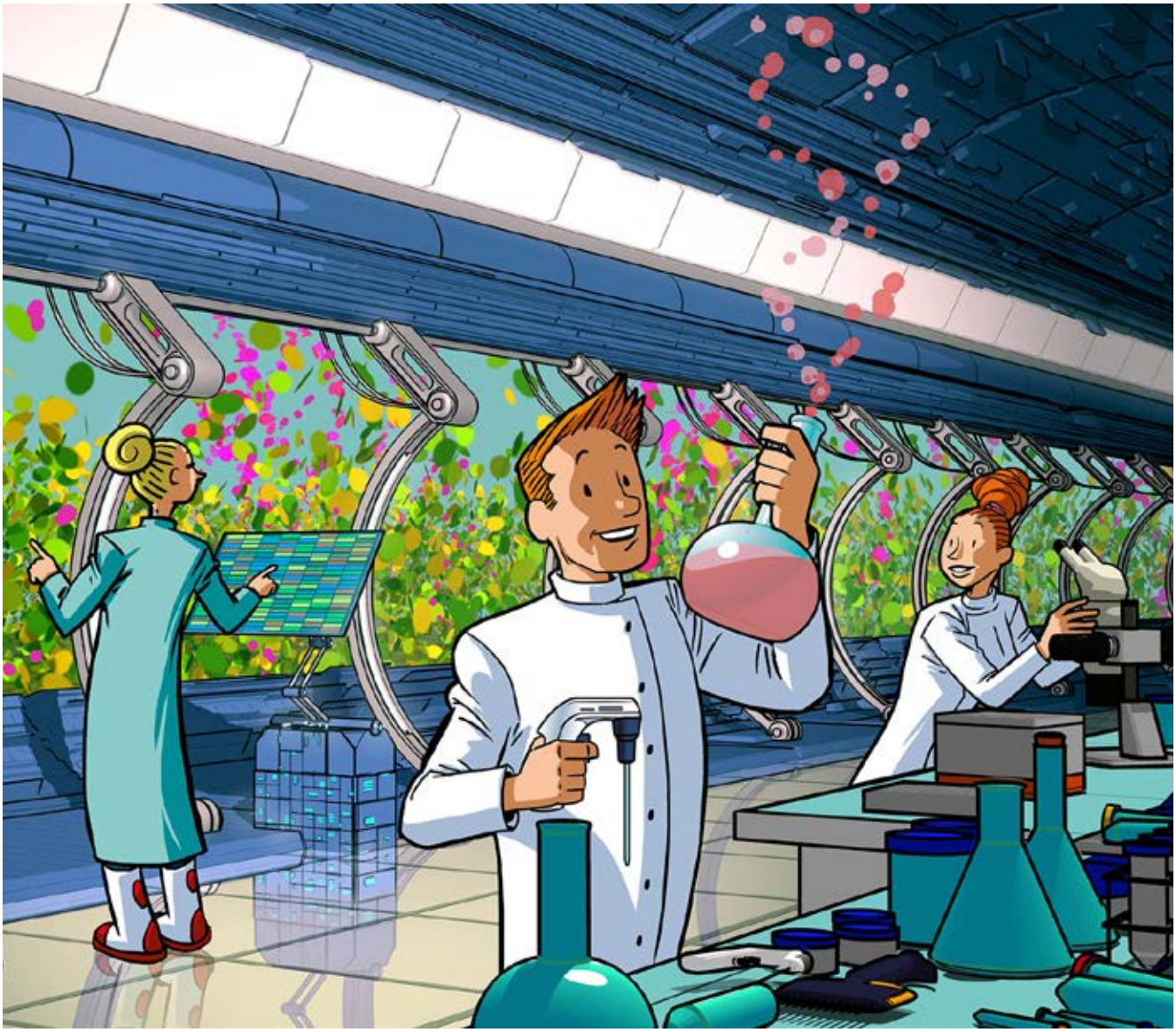
Corning CellBIND® surface

- Ideal for reducing the addition of serum
- Better attachment for better cell performance

ULA (Ultra-Low Attachment) surface: see chapter 3D

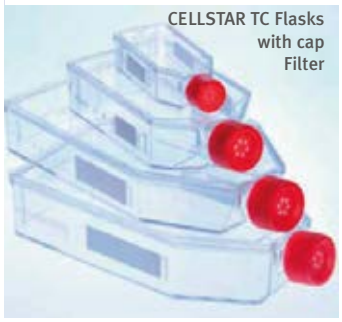


Cat. No.	Surface area (cm²)	Number of trays	Treatment	Units/ bag	Units/ box	€/ box
003268	636	1	TC	1	8	**N/A -**
003330	636	1	CellBIND®	1	8	**N/A -**
003269	1272	2	TC	1	5	**N/A -**
003310	1272	2	CellBIND®	1	5	**N/A -**
003313	3180	5	TC	1	8	**N/A -**
003319	3180	5	TC	1	2	**N/A -**
003311	3180	5	CellBIND®	1	2	**N/A -**
003270	6360	10	TC	1	2	**N/A -**
003271	6360	10	TC	1	6	**N/A -**
003312	6360	10	CellBIND®	1	2	**N/A -**
003320	6360	10	CellBIND®	1	6	**N/A -**
003272	25440	40	TC	1	2	**N/A -**
003321	25440	40	CellBIND®	1	8	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

CELLSTAR Treated Culture (TC) or Advanced TC™ Greiner Bio-One flasks



CELLSTAR TC Flasks with cap Filter



CELLSTAR flasks Advanced TC with cap Standard

Standard cap

- Double position for cell ventilation with visual control

Filter cap

- PET membrane: Fully hydrophobic PTFE prevents the filter from wetting, optimum gas exchange



Available with 2 types of caps: standard or filter

- For adherent cells with different surfaces and treatments

TC-Treated

- Standard physical surface treatment for adherent cells

Advanced TC™

- Advanced chemical surface treatment for sensitive cells, primary cells or cells placed in restrictive culture conditions (e.g. less serum)
- Optimised geometry for optimal access of scrapers and pipettes
- Side grading for easy filling
- Stacking rib
- Peelable sterile packaging

DNase RNase · Endo-toxins · Cyto-toxin · Human DNA



Enter the Cat. No. on www.dulis.nl to access the Greiner Bio-One surface treatment guide

CELLCOAT®

- Perfectly suited for primary cells, sensitive lines or any cells placed under stress (no serum, transfection, numerous washes, etc.)
- Also allow, for certain cells, a better differentiation
- Ready to use
- Non-cytotoxic
- Poly-Lysine and Collagen I storable at room temperature
- Strict control of raw materials, consistent quality

Cat. No.	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 25 cm²						
690160	Canted	Standard	TC	20	200	N/A -
690960	Canted	Standard	Advanced TC	10	200	N/A -
690170*	Canted	Standard	TC	20	200	N/A -
690175	Canted	Filter	TC	20	200	N/A -
690975	Canted	Filter	Advanced TC	10	200	N/A -
690950	Canted	Filter	Collagen I	10	50	N/A -
690920	Canted	Filter	Fibronectin	10	10	N/A -
690910	Canted	Filter	Laminin	10	10	N/A -
690940	Canted	Filter	Poly-D-Lysine	10	50	N/A -
Surface area 75 cm²						
658170	Canted	Standard	TC	5	120	N/A -
658970	Canted	Standard	Advanced TC	5	120	N/A -
658175	Canted	Filter	TC	5	120	N/A -
658975	Canted	Filter	Advanced TC	5	120	N/A -
658950	Canted	Filter	Collagen I	5	50	N/A -
658920	Canted	Filter	Fibronectin	10	10	N/A -
658910	Canted	Filter	Laminin	10	10	N/A -
658940	Canted	Filter	Poly-D-Lysine	5	50	N/A -

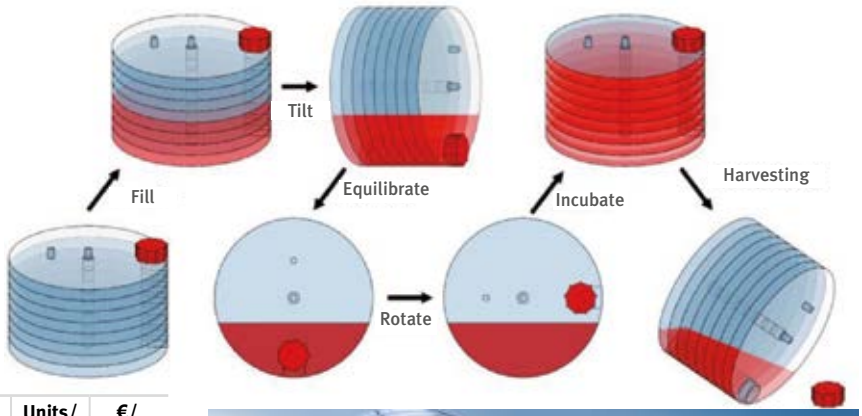
Cat. No.	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 175 cm² - low profile/working volume up to 45 ml						
660160	Canted	Standard	TC	5	50	N/A -
660960	Canted	Standard	Advanced TC	5	50	N/A -
660175	Canted	Filter	TC	5	50	N/A -
660975	Canted	Filter	Advanced TC	5	50	N/A -
Surface area 175 cm² - high shape/working volume up to 85 ml						
661160	Canted	Standard	TC	4	40	N/A -
661960	Canted	Standard	Advanced TC	4	40	N/A -
661175	Canted	Filter	TC	4	40	N/A -
661975	Canted	Filter	Advanced TC	4	40	N/A -
661950	Canted	Filter	Collagen I	5	40	N/A -
661920	Canted	Filter	Fibronectin	5	5	N/A -
661940	Canted	Filter	Poly-D-Lysine	5	40	N/A -

* Gridded bottom

Greiner Bio-One CELLdisc™ Culture Chambers

- Polystyrene disc, HDPE cap
- Cylindrical shape minimises edge effects: surface/volume ratio optimised by 40% compared to a traditional device
- Central channel for gas exchange
- 38 mm wide opening with screw cap, 2 colours depending on the treatment:
  Red: TC Blue: advanced TC
- Sterile, single use
- Compatible with closed system cultivation and bioproduction

DNase RNase · Endo-toxins · Cyto-toxin · Human DNA





Cat.No.	Surface area (cm²)	Number of trays	Working volume (ml)	Treatment	Units/ bag	Units/ box	€/ box
073053	250	1	70	TC	1	8	N/A -
073049	1000	4	270-300	TC	1	4	N/A -
678904	1000	4	270-300	Advanced TC	1	4	N/A -
073050	2000	8	540-600	TC	1	3	N/A -
678908	2000	8	540-600	Advanced TC	1	3	N/A -
073051	4000	16	1080-1200	TC	1	2	N/A -
678916	4000	16	1080-1200	Advanced TC	1	2	N/A -
073052	10000	40	2700-3000	TC	1	1	N/A -
678940	10000	40	2700-3000	Advanced TC	1	1	N/A -

Accessories

- CELLevator: allows stacking of CELLdiscs in the incubator to optimise the surface
- CELLstage: allows the correct positioning of the CELLdiscs for easy filling (even for multi-layer CELLDiscs)
- CELLhandle Gripper: for handling and transporting CELLdiscs
- CELLring: plate with spirit level, to ensure total flatness of the CELLdiscs

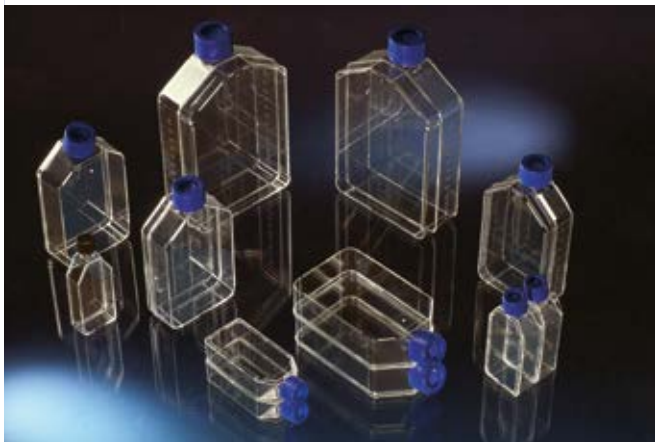
Cat. No.	Description	Units/ bag	Units/ box	€/ box
878071	CELLevator	1	9	N/A -
878072	CELLstage for CELLdisc 4 to 24 layers	1	1	N/A -
878073	CELLstage for CELLdisc 40 layers	1	1	N/A -
878074	CELLhandle Gripper	1	1	N/A -
878075	CELLring	1	3	N/A -





All prices are indicative and exclude VAT. Visit www.dulis.nl

Nunc™ cell culture flasks



Easy Flask Nunc™ cell culture flasks

➤ **With wide canted neck, for full access to the cells with a scraper, very quick closure and screen-printed graduation**

Cat. No.	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 25 cm²						
055400	Canted	Standard	TC	10	200	N/A -
055401	Canted	Filter	TC	10	200	N/A -
056393	Canted	Filter	Collagen I	10	60	N/A -
056390	Canted	Filter	Poly-D-Lysine	10	60	N/A -
Surface area 75 cm²						
055402	Canted	Standard	TC	5	100	N/A -
055403	Canted	Filter	TC	5	100	N/A -
056394	Canted	Filter	Collagen I	5	30	N/A -
056391	Canted	Filter	Poly-D-Lysine	5	30	N/A -
Surface area 175 cm²						
055405	Canted	Standard	TC	5	30	N/A -
055404	Canted	Filter	TC	5	30	N/A -
056395	Canted	Filter	Collagen I	5	30	N/A -
056392	Canted	Filter	Poly-D-Lysine	5	30	N/A -
Surface area 225 cm²						
056241	Canted	Standard	TC	5	30	N/A -
056242	Canted	Filter	TC	5	30	N/A -

➤ **Nunclon Delta surface treated for cell culture**

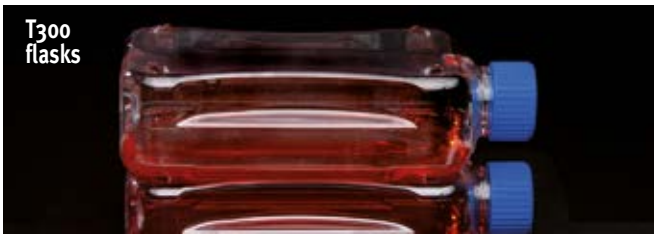
➤ **Sterilised by gamma rays**

➤ **Standard vented cap or filter cap**

Nunc™ Standard cell culture flasks

Cat. No.	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 25 cm²						
055409	Canted	Standard	TC	20	160	N/A -
055422	Canted	Filter	TC	20	160	N/A -
Surface area 80 cm²						
055410	Straight	Standard	TC	5	50	N/A -
055423	Straight	Filter	TC	5	50	N/A -
Surface area 175 cm²						
055421	Straight	Standard	TC	1	32	N/A -
056788	Straight	Standard	TC	4	32	N/A -
055425	Straight	Filter	TC	1	32	N/A -
056789	Straight	Filter	TC	4	32	N/A -
Surface area 175 cm² with barcode 128						
056468	Straight	Filter	TC	1	32	N/A -
056784	Straight	Filter	TC	4	32	N/A -

Nunc™ T300 cell culture flasks



➤ **Blown in soft and resistant plastic, ergonomic design for a better grip**

Cat. No.	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 300 cm²						
056834	Straight	Standard	TC	1	12	N/A -
056835	Straight	Filter	TC	1	12	N/A -

Replacement caps for flasks

Individual sterile packaging.

For flask	80 cm²		175 and 225 cm²	
	Cat.No.	€/ 100 units	Cat.No.	€/ 100 units
Standard cap	055451	N/A -	055453	N/A -
Filter cap	055452	N/A -	055454	N/A -
White filter cap	-	-	056447	N/A -

Nunc™ 3-layer cell culture flasks



A 3-level culture flask with a culture surface of 500 cm² in a volume equivalent to that of a 175 cm² flask, thanks to the presence of three internal trays.

➤ **Recommended volume: 200 ml**

➤ **Gamma sterilised**

➤ **Easy to use: simply fill the flask until the medium is evenly distributed in each compartment and lay the flask down to incubate**

Cat. No.	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 500 cm²					
055045	Standard	TC	1	32	N/A -
056786	Standard	TC	4	32	N/A -
055046	Filter	TC	1	32	N/A -
056787	Filter	TC	4	32	N/A -
Surface area 500 cm² with barcode					
056437	Filter	TC	1	32	N/A -
056785	Filter	TC	4	32	N/A -

Nunc™ Cell Factory® culture chambers

Intensive cell culture unit consisting of superimposed trays of transparent polystyrene treated for culture.

- Ideal for scale up
- Space and time saving
- Parallel culture chambers communicating over the height by 2 vertical ducts, one equipped with a hydrophobic 0.2 µm filter for aeration, the other for filling and emptying in aseptic condition
- Equal distribution per chamber according to the principle of communicating vessels
- Nunclon surface treatment, gamma sterilised, individually wrapped
- Harvesting of cells by trypsinisation
- Drainage through a connecting tube
- Dimensions L x W: 335 x 205 mm





Accessories for Cell Factory® standard

Cat. No.	Description	Units/ box	€/ box
056780	HDPE closure caps	40	N/A -
055132	PTFE connection fitting (for draining and filling)	10	N/A -
056420	Polycarbonate fitting	10	N/A -
055469	1 µm vent filter	1	N/A -

Cell Factory® standard

Cat.No.	Surface area (cm²)	Number of trays	Working volume (ml)	H. (mm)	Units/ bag	Units/ box	€/ box
055124	632	1	180	37	1	8	N/A -
055125	1264	2	360	52	1	6	N/A -
056194	2528	4	720	90	1	10	N/A -
055126	6320	10	1800	190	1	2	N/A -
055127	6320	10	1800	190	1	6	N/A -
055128	25280	40	7200	695	1	2	N/A -

Cell Factory® EasyFill®

- Space saving
- One Cell factory Easy fill 10 trays corresponds to 36 T175 vials
- Easy to fill and empty, ready to use, no accessories needed
- Dimensions L x W: 335 x 205 mm

Cat.No.	Surface area (cm²)	Number of trays	Working volume (ml)	H. (mm)	Units/ bag	Units/ box	€/ box
056440	630	1	200	35	1	6	N/A -
056442	1260	2	400	53	1	6	N/A -
056443	2520	4	800	87	1	4	N/A -
056705	6300	10	2000	190	1	2	N/A -

Accessory for Cell Factory EasyFill™

Cat. No.	Description	Units/ box	€/ box
056420	Polycarbonate fitting	40	N/A -

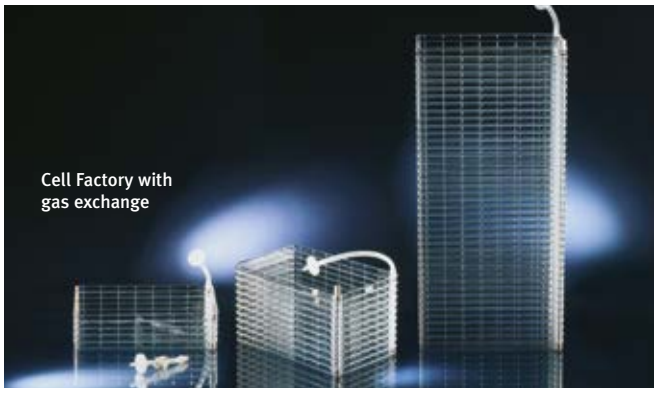




High density Cell Factory®

- 30% more surface area and output within the standard footprint of the Nunc™ Cell Factory® system
- Yields may vary depending on the cell type being grown
- Productivity improvement
- Dimensions L x W: 335 x 205 mm

Cat.No.	Surface area (cm²)	Number of trays	Working volume (ml)	H. (mm)	Units/ bag	Units/ box	€/ box
056903	1896	3	450-600	54	1	4	N/A -
056904	8216	13	1950-2600	186	1	3	N/A -
056905	32864	52	7800-10400	698	1	1	N/A -



Cell Factory® with active gassing

- Creates an ideal environment for the cultivation of pH sensitive and oxygen consuming cells
- Ensures a controlled and uncontaminated atmosphere on each tray
- Homogeneous distribution of the user-specified gas mixture

Cat.No.	Surface area (cm²)	Number of trays	Working volume (ml)	H. (mm)	Units/ bag	Units/ box	€/ box
056179	2400	4	600-800	90	1	10	N/A -
056180	6000	10	1500-2000	190	1	6	N/A -
056181	24000	40	6000-8000	695	1	2	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

SPL Standard cell culture flasks



DNase RNase · Pyro-genic · Endo-toxins

- Made of high quality transparent polystyrene
- Special neck design: short, wide and angled for access of serological pipettes and scrapers
- Stackable
- Sterile
- Green cap

Cat. No.	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 25 cm²						
330014	Canted	Standard	TC	5	200	N/A -
330011	Canted	Filter	TC	5	200	N/A -
Surface area 75 cm²						
330015	Canted	Standard	TC	5	100	N/A -
330012	Canted	Filter	TC	5	100	N/A -
Surface area 175 cm²						
330016	Canted	Standard	TC	5	40	N/A -
330013	Canted	Filter	TC	5	40	N/A -

ClearLine® standard cell culture flasks



DNase RNase · Endo-toxins

- Crystal polystyrene bottles
- Easy stacking
- Packaged in peelable bags
- Certificates available on request
- Printing of batch number and expiry date on each bottle
- Model with filter cap: with hydrophobic membrane, prevents the passage of bacteria and spores and particles larger than 0.2 µm

Cat. No.	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
Surface area 25 cm²						
131000C	Canted	Standard	TC	10	200	N/A -
131006C	Canted	Filter	TC	10	200	N/A -
Surface area 75 cm²						
131002C	Canted	Standard	TC	5	100	N/A -
131008C	Canted	Filter	TC	5	100	N/A -
Surface area 175 cm²						
131004C	Canted	Standard	TC	5	40	N/A -
131010C	Canted	Filter	TC	5	40	N/A -

Merck Millipore® Millicell® HY FLASK cell culture flasks



- Multi-tray culture treated flasks
- Consistent performance and sustainability
- Uniform growing conditions
- Membrane filter cap placed on top of the bottle for easy pipetting, filling and aspiration
- Available in 3 trays (600 cm²) or 5 trays (1000 cm²)

Cat. No.	Surface area in cm²	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
051996	600	Filter	TC	2	16	N/A -
051997	1000	Filter	TC	1	8	N/A -

Petri dishes

Falcon® Petri dishes, treated cell culture

Perfectly flat, distortion-free and optically clear growing surface.

- Stacking lip, located above the lid, facilitates handling and storage
- The Easy Grip™ system provides a better grip
- The lid, with a high covering rim, reduces the risk of contamination
- Specially designed to allow optimum gas exchange thanks to 3 lugs on the inside of the lid

Corning Primaria®

- A surface treatment that promotes the attachment and proliferation of cell types that are difficult to grow on a traditional culture plate. The surface treatment is stable over time and homogeneous, particularly suitable for neuronal, endothelial or tumour cells

PureCoat™ Amine

- Suitable for cells that exhibit low attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: primary neuronal cells, transfected cells (e.g., HEK-293) or cell lines such as PC12, HepG2
- Alternative to biological coatings - animal-free surface
- Stable surface 18 months from date of manufacture

PureCoat™ Carboxyl

- Suitable for cells that show poor attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: boxiomyocytes (rat, mouse), keratinocytes (rat), PC12, HT-1080, MCR-5
- Alternative to biological coatings - animal-free surface
- Stable surface 18 months from date of manufacture



Other packaging: consult us



Cat. No.	Int Ø x int. h (mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
Ø 35 mm						
353001	35.61 x 9.56	Easy Grip™	TC	20	500	N/A -
353801	35.61 x 9.56	-	Primaria®	20	200	N/A -
Ø 60 mm						
353004	50.47 x 11.17	Easy Grip™	TC	20	500	N/A -
353802	50.47 x 11.17	-	Primaria®	20	200	N/A -
Ø 100 mm						
353003	89.43 x 19.18	-	TC	20	200	N/A -
353803	89.43 x 19.18	-	Primaria®	20	200	N/A -
354732	89.43 x 19.18	-	Purecoat™ Amine	10	10	N/A -
354784	89.43 x 19.18	-	Purecoat™ Carboxyl	10	10	N/A -
Ø 150 mm						
353025	142.57 x 24.77	Gridded bottom	TC	10	100	N/A -

Falcon® Petri dish, for organ culture

- Easy grip
- Peel-open medical packaging
- Gamma ray sterilisation
- Culture area 2.89 cm²

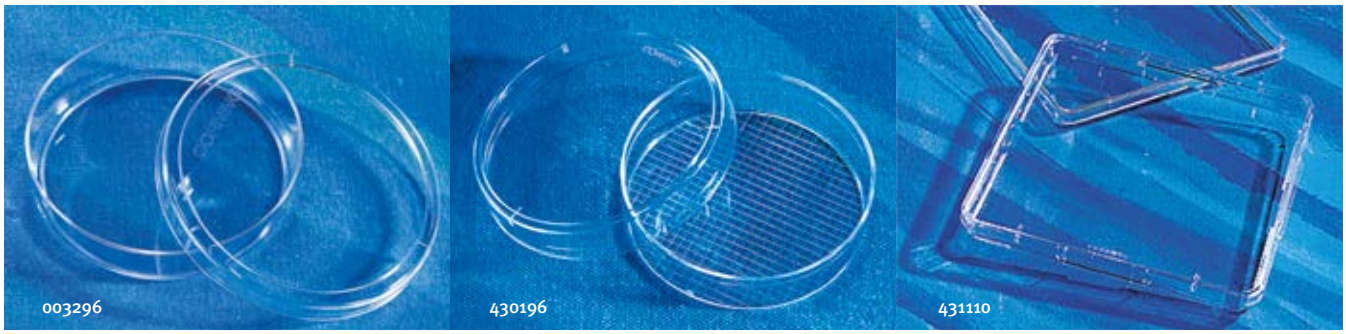
Cat. No.	Ø x h (mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
353037	60 x 15	Round with central well	TC	20	500	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Corning® Petri dishes

Corning® Petri dishes, treated cell culture

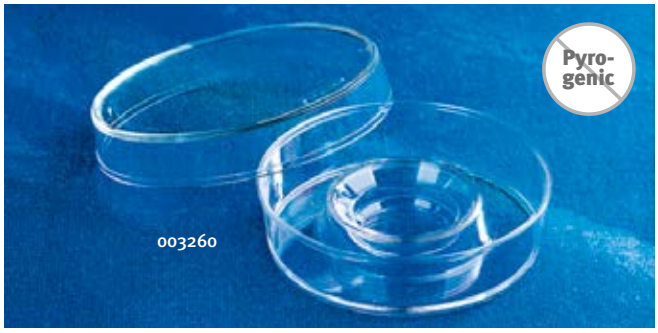


- CellBind® treatment allows better cell adhesion
- Notches for better stacking
- Venting system for better gas exchange
- High transparency polystyrene
- Sterile, non-pyrogenic

Cat. No.	Int. dim. x int. h.(mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
Ø 35 mm						
430165	34.4 x 10	-	TC	20	500	**N/A -**
003294	34.4 x 10	-	CellBIND®	10	210	**N/A -**
Ø 60 mm						
430166	52.1 X 15	-	TC	20	500	**N/A -**
003295	52.1 X 15	-	CellBIND®	7	126	**N/A -**
430196	51.4 X 15	Gridded bottom (2 mm)	TC	20	500	**N/A -**
Ø 100 mm						
430167	83.8 x 20	-	TC	20	500	**N/A -**
003296	83.8 x 20	-	TC	5	40	**N/A -**
430293	80.5 x 20	-	TC	10	480	**N/A -**
Ø 150 mm						
430599	134.5 x 25	-	TC	5	60	**N/A -**

Cat. No.	L x W x H (mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
Square-shaped						
431110	224 x 224 x 25	Squared 245 x 245 mm	TC	4	16	**N/A -**

Corning® 60 mm Petri dish with central well



For research purposes only. Not for use in diagnostic or therapeutic procedures, in *vitro* fertilisation or fertilisation aid procedures.

- Central well 20 mm
- Inner well can hold 3 ml of medium, while the outer well can hold 10 ml
- Treated for optimal cell attachment
- Sterile

Cat. No.	Ø x h (mm)	Central well (mm)	Units/ bag	Units/ box	€/ box
003260	60 x 15	20	20	500	**N/A -**

Greiner Bio-One Petri dishes, treated cell culture

- In polystyrene
- Sterilised by gamma rays
- Lids with stacking edges
- With vents
- Single use
- Triple packaging available on request



TC-Treated

- Standard physical surface treatment for adherent cells

Advanced TC™

- Advanced chemical treatment for primary cells, delicate cells or cells under stress (e.g. less serum)

Cat. No.	ext Ø x ext. h (mm)	Number of compartments	Specifications	Treatment	Units/ bag	Units/ box	€/ box
Ø 35 mm							
627160	35 x 13.4	1	-	TC	10	740	N/A -
627960	35 x 13.4	1	-	Advanced TC	10	740	N/A -
627170B	36 x 12	4	Ø per compartment: 11 mm	TC	10	740	N/A -
Ø 60 mm							
628160	54.39 x 13.8	1	-	TC	10	600	N/A -
628960	54.39 x 13.8	1	-	Advanced TC	10	600	N/A -
Ø 100 mm							
664160	87.5 x 19.6	1	-	TC	15	360	N/A -
664960	87.5 x 19.6	1	-	Advanced TC	15	360	N/A -
Ø 145 mm							
639160	136.41 x 19	1	-	TC	5	120	N/A -
639960	136.41 x 19	1	-	Advanced TC	5	120	N/A -

Cat. No.	L x W x H (mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
Square-shaped						
688160	1270.73 x 120.73 x 14.6	Squared 120 mm x 120 mm	TC	10	240	N/A -

Petri Nunc™ Petri dishes, treated Nunclon®

- In polystyrene
- High optical quality
- Gamma sterilised (certificate supplied with each box)
- Non-cytotoxic

Vented

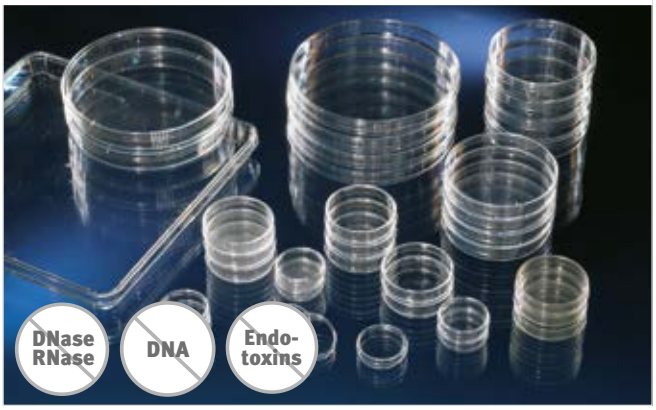
- With vents

Gridded

- Designed for cloning and allows counting

EasYDish

- Bevelled edge, better grip when handling with gloves
- Notches maximise ventilation while maintaining sterility
- Orientation markings for microscope observation
- Marking surface
- Resealable packaging



Cat. No.	ext Ø x ext. h (mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
Ø 35 mm						
055056	40 x 12	Without airvent	TC	10	500	N/A -
055055	40 x 12	With airvent	TC	10	500	N/A -
055057	40 x 12	Gridded	TC	20	500	N/A -
056912	40 x 13	EasyDish	TC	10	500	N/A -
Ø 60 mm						
055059	58 x 15	Without airvent	TC	10	400	N/A -
055058	58 x 15	With airvent	TC	10	400	N/A -
055060	58 x 15	Gridded	TC	10	400	N/A -
056913	60 x 16	EasyDish	TC	10	280	N/A -
Ø 100 mm						
055061	92 x 17	With airvent	TC	10	150	N/A -
055062B	92 x 21	With airvent	TC	10	240	N/A -
056914	95 x 17	EasyDish	TC	10	150	N/A -
056915	95 x 21	EasyDish	TC	10	240	N/A -
Ø 150 mm						
055063	144 x 21	With airvent	TC	10	80	N/A -
056916	145 x 21	EasyDish	TC	10	80	N/A -

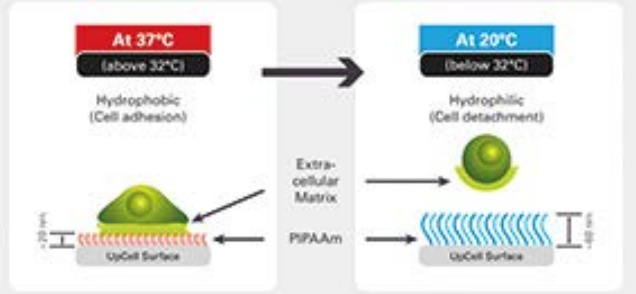
Square-shaped

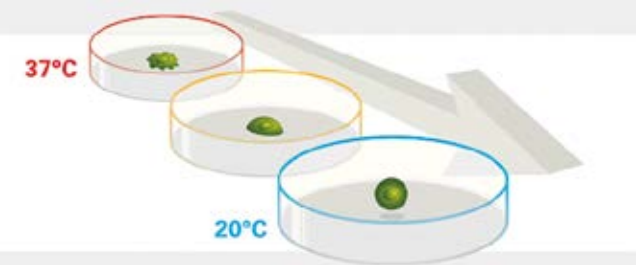
- Perfectly flat surface
- Culture area 500 cm²

Cat. No.	L x W x H (mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
431110	224 x 224 x 25	Squared 245 x 245 mm	TC	4	16	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

UpCell Nunc™ Petri dishes







Designed to allow rapid dissociation of cells from the surface by simple temperature change.

- **No trypsination: surface proteins and antigens preserved**
- **No use of scrapers: good cell viability**
- **Recovered cell layers can be stacked to create three-dimensional tissue models and co-cultures**
- **Minimal handling time**
- **3 x 3 mm grid for harvesting single cells in suspension or small colonies**

Cat. No.	ext Ø x ext. h (mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
Ø 35 mm						
056714	40 x 12	Supporting membrane supplied	Upcell	5	30	**N/A -**
Ø 60 mm						
056713	60 x 15	-	Upcell	5	30	**N/A -**
056716	60 x 15	Gridded	Upcell	5	30	**N/A -**
Ø 100 mm						
056712	92 x 17	-	Upcell	1	6	**N/A -**
056715	92 x 17	Gridded	Upcell	1	6	**N/A -**

Petri dishes treated SPL cell culture



- **Made of high quality transparent polystyrene, USP class VI**
- **External grip: for a better grip**
- **Sterile SAL 10^{-6}**

Cat. No.	Ø int x h int. (mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
Ø 35 mm						
330005	35 x 9.6	Grip	TC	10	500	**N/A -**
Ø 60 mm						
330006	52.8 x 12.8	Grip	TC	10	500	**N/A -**
Ø 100 mm						
330007	86.26 x 17.70	-	TC	10	200	**N/A -**
330008	87.48 x 16.40	Grip	TC	10	200	**N/A -**
Ø 150 mm						
330009	138.57 x 23.3	-	TC	10	120	**N/A -**
330010	138.57 x 15.4	-	TC	10	120	**N/A -**

Square-shaped

- **In transparent polystyrene**
- **Gridded bottom for colony counting**

Cat. No.	Lx W x H (mm) ext.	Specifications	Treatment	Units/ bag	Units/ box	€/ box
330045	126.40 x 126.4 x 20	Gridded	TC	5	60	**N/A -**

ClearLine® Petri dishes for culture

ClearLine

- In peelable bags
- Sterilised by gamma rays
- Certified endotoxin levels below 0.5 EU/ml
- Certificates available on request

DNase RNase — Endo-toxins



Cat. No.	ext Ø x ext. h (mm)	Treatment	Units/ bag	Units/ box	€/ box
Ø 35 mm					
131046C	37.8 x 12.5	TC	10	960	N/A -
Ø 60 mm					
131048C	58.8 x 17.8	TC	10	600	N/A -
Ø 100 mm					
131050C	95.6 x 22	TC	10	300	N/A -
Ø 150 mm					
131052C	143 x 21.9	TC	10	120	N/A -

Coated Petri dishes

2D or monolayer cell culture

- Standard cell culture plates are then coated with extracellular matrix proteins (Collagen Type I, Fibronectin, Laminin) or synthetic proteins (Poly-D- and Poly-L-Lysine).
  They thus allow better adhesion, growth and differentiation of cells
- These coated plates are ideally suited for cell cultures in serum-free media and for protocols involving additional wash steps or stressful steps, e.g. transfection

Enter the Cat. No. on dulis.nl to find the Corning BioCoat™ media guide



- The choice of coating to be used depends on the cells to be cultured and therefore on the composition of the extracellular matrix *in vivo* for these cells

Corning® Biocoat® Petri dishes

CORNING

Cat. No.	ext Ø x ext. h (mm)	Treatment	Units/ bag	Units/ box	€/ box
Ø 35 mm					
354456	35.61 x 9.56	Collagen I	20	20	N/A -
356456	35.61 x 9.56	Collagen I	20	100	N/A -
354467	35.61 x 9.56	Poly-D-Lysine	20	20	N/A -
356467	35.61 x 9.56	Poly-D-Lysine	20	100	N/A -
354518	35.61 x 9.56	Poly-L-Lysine	20	20	N/A -
356518	35.61 x 9.56	Poly-L-Lysine	20	100	N/A -
Ø 60 mm					
354401	50.47 x 11.17	Collagen I	20	20	N/A -
356401	50.47 x 11.17	Collagen I	20	100	N/A -
354405	50.47 x 11.17	Laminin	20	20	N/A -
354403	50.47 x 11.17	Fibronectin	20	20	N/A -
354468	50.47 x 11.17	Poly-D-Lysine	20	20	N/A -
356468	50.47 x 11.17	Poly-D-Lysine	20	100	N/A -
356517	50.47 x 11.17	Poly-L-Lysine	20	100	N/A -

Cat. No.	ext Ø x ext. h (mm)	Treatment	Units/ bag	Units/ box	€/ box
Ø 100 mm					
354450	89.43 x 19.18	Collagen I	10	10	N/A -
356450	89.43 x 19.18	Collagen I	10	40	N/A -
354453	89.43 x 19.18	Collagen IV	10	10	N/A -
354653	89.43 x 19.18	Gelatin	10	10	N/A -
356653	89.43 x 19.18	Gelatin	10	40	N/A -
354469	89.43 x 19.18	Poly-D-Lysine	10	10	N/A -
Ø 150 mm					
354551	142.57 x 24.77	Collagen I	5	5	N/A -

Greiner Bio-One CELLCOAT® Petri dishes

greiner

- CELLCOAT coatings are perfectly adapted for primary cells, sensitive lines or any cells placed under constraints (without serum, transfection, numerous washes, etc.); they also allow, for certain cells, a better differentiation
- Ready to use
- Non-cytotoxic
- Poly-Lysine and Collagen I storable at room temperature
- Strict control of raw materials, consistent quality

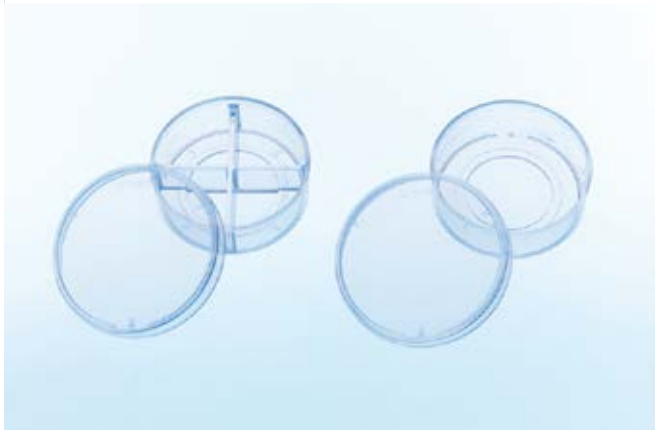


Cat. No.	ext Ø x ext. h (mm)	Treatment	Units/ bag	Units/ box	€/ box
Ø 60 mm					
628950	54.39 x 13.8	Collagen I	20	100	N/A -
628920	54.39 x 13.8	Fibronectin	5	20	N/A -
628910	54.39 x 13.8	Laminin	5	20	N/A -
628940	54.39 x 13.8	Poly-D-Lysine	20	100	N/A -
628930	54.39 x 13.8	Poly-L-Lysine	20	100	N/A -
Ø 100 mm					
664950	87.05 x 19.6	Collagen I	10	40	N/A -
664940	87.05 x 19.6	Poly-D-Lysine	10	40	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

PETRI DISHES WITH GLASS BOTTOM

Greiner Bio-One CellView™ Petri dishes



- Glass thickness: 175 µm +/- 15 µm
- Sterile, treated
- Borosilicate glass class 1 (DIN-ISO 719) transparent, ISO 8255-1: 1986
- Maximum spectral transmission
- Specific surface for improved cell adhesion
- Volume: 5 ml (one compartment) and 0.1 - 0.5 ml (4 compartments)
- Maximum flatness
- Ideal for high resolution microscopy or FISH

Cat. No.	Ø x H (mm)	Number of compartments	Treatment	Units/ bag	Units/ box	€/ box
627861	35 x 12	1	Non treated	10	40	N/A -
627860	35 x 12	1	TC	10	40	N/A -
627965	35 x 12	1	Advanced TC	10	40	N/A -
627871	35 x 12	4	Non treated	10	40	N/A -
627870	35 x 12	4	TC	10	40	N/A -
627975	35 x 12	4	Advanced TC	10	40	N/A -

Nunc™ glass bottom Petri dishes



- Petri dish 35 mm with glass bottom diameter 12 or 27 mm
- 0.16 to 0.19 mm borosilicate glass coverslip
- Working volume 3 ml

Applications

- Fluorescence, phase contrast microscopy
- Fluorescence in situ hybridization (FISH)

Cat. No.	ext Ø x ext. H (mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
056848	39.4 x 10.9	Glass bottom Ø 12 mm	TC	1	20	N/A -
056849	39.4 x 10.9	Glass bottom Ø 27 mm	TC	1	20	N/A -

Fluorodish Petri dishes

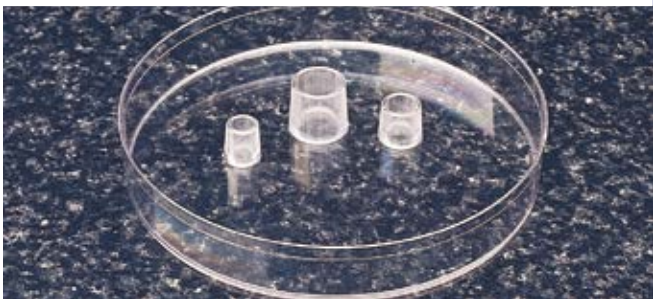


- Bottom with glass coverslip
- For direct observation by microscopy
- Optical glass of RI = 1.525, thickness 0.17 mm
- Internal well in the Petri dish to reduce the volume of samples and media
- Low profile box for easy access to micropipette tips
- Low toxicity adhesive for embryo research

Cat. No.	Ø int. (mm)	Ø ext. (mm)	Ø of wells (mm)	H. int. (mm)	H. ext. (mm)	Acces angle	€/ 100 units
WFD35-100	33	35.5	23.5	7.8	9	29 °	N/A -
WFD3510-100	10	35.5	10	1.5	4.65	17 °	N/A -
WFD5040-100	47.5	49.82	35	7.25	7.4	17 °	N/A -

Cloning cylinders

For the isolation of clones from individual cells. Isolation of a clone is done by applying a thin layer of grease to the bottom of the cylinder and placing it on the culture plate.
After addition of a small volume of EDTA or trypsin and incubation at 37 °C (which loosens the cells), the cells are recovered from the cylinder and transferred to another plate.



Sterile polystyrene cloning cylinders

The base is slightly wider than the top, providing a good sealing area. Packed in a bag of 5.

Cat. No.	Description	ø x h (mm)	Units/ box	€/ box
085102	Sterile PS cloning cylinder	4.7 x 8	50	N/A -
085103	Sterile PS cloning cylinder	6.4 x 8	50	N/A -
085104	Sterile PS cloning cylinder	9.5 x 6.2	50	N/A -
085105	Assorted sterile PS cloning cylinder	-*	40	N/A -

* 4.7 x 8 / 6.4 x 8 / 9.5 x 11

Borosilicate glass cloning cylinders - Excellent sealing.

Cat. No.	Out diameter (mm)	Height (mm)	Units/ box	€/ box
209006	6	8	125	N/A -
209008	8	8	125	N/A -
209010	10	10	125	N/A -

Culture plates

Falcon® Culture Plates

- Sterile
- Made of crystal polystyrene
- Marking surface
- Alphanumeric identification
- Frosted edge for easy identification of the plate during handling
- Labyrinth lid: greatly reduces evaporation in the peripheral wells minimises the risk of contamination during gas exchange
- Single or multiple-thermoformed and peelable packaging
- Ready Stack" packaging: plates arranged side by side in peelable trays



Corning Primaria®

- A surface treatment that promotes the attachment and proliferation of cell types that are difficult to grow on a traditional culture plate. The surface treatment is stable over time and homogeneous, particularly suitable for neuronal, endothelial or tumour cells

PureCoat™ Amine

- Suitable for cells that exhibit low attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: primary neuronal cells, transfected cells (e.g., HEK-293) or cell lines such as PC12, HepG2
- Alternative to biological coatings - animal-free surface
- Stable surface 18 months from date of manufacture

PureCoat™ Carboxyl

- Suitable for cells that show poor attachment, this surface promotes adhesion, proliferation and differentiation of a wide range of cells: boxiomyocytes (rat, mouse), keratinocytes (rat), PC12, HT-1080, MCR-5
- Alternative to biological coatings - animal-free surface
- Stable surface 18 months from date of manufacture

ECM Mimetic Fibronectin Peptide

- A surface that contains synthetic, biologically active peptides that mimic the cellular attachment usually promoted by extracellular matrix proteins. Suitable for primary cells, stem cells

Cat. No.	Number of wells	Type of bottom	Plate colour	Treatment	Units/ bag	Units/ box	€/ box
Multi-packaging							
353224	6	Flat	Transparent	TC	6	36	N/A -
354721	6	Flat	Transparent	Purecoat™ Amine	5	5	N/A -
354773	6	Flat	Transparent	Purecoat™ Carboxyl	5	5	N/A -
353225	12	Flat	Transparent	TC	6	36	N/A -
353226	24	Flat	Transparent	TC	6	36	N/A -
354723	24	Flat	Transparent	Purecoat™ Amine	5	5	N/A -
354775	24	Flat	Transparent	Purecoat™ Carboxyl	5	5	N/A -
353230	48	Flat	Transparent	TC	6	36	N/A -
353075	96	Flat	Transparent	TC	5	50	N/A -
353916	96	Flat	Transparent	TC	25	100	N/A -
353227	96	Rounded	Transparent	TC	5	50	N/A -
354717	96	Flat Transp.	Black	Purecoat™ Amine	5	5	N/A -
356717	96	Flat Transp.	Black	Purecoat™ Amine	5	50	N/A -

Cat. No.	Number of wells	Type of bottom	Plate colour	Treatment	Units/ bag	Units/ box	€/ box
Unit packaging							
353046	6	Flat	Transparent	TC	1	50	N/A -
353043	12	Flat	Transparent	TC	1	50	N/A -
353047	24	Flat	Transparent	TC	1	50	N/A -
353078	48	Flat	Transparent	TC	1	50	N/A -
353072	96	Flat	Transparent	TC	1	50	N/A -
353077	96	Rounded	Transparent	TC	1	50	N/A -
356240	6	Flat	Transparent	ECM Mimetic	1	10	N/A -
356241	24	Flat	Transparent	ECM Mimetic	1	10	N/A -
Ready Stack packaging							
353924	6	Flat	Transparent	TC	5	5	N/A -
353935	24	Flat	Transparent	TC	10	60	N/A -
353936	96	Flat	Transparent	TC	14	84	N/A -

TIP

Find all our 384 well and 1356 well Falcon® culture treated plates in our storage and screening section



All prices are indicative and exclude VAT. Visit www.dulis.nl

Corning® Plates and Microplates





- Sterile
- Alphanumeric code for identification
- CellBIND® surface: surface treatment with negative charges, more hydrophilic surface for better cell attachment and thus facilitate proliferation
- The Corning® Osteo Assay surface is a crystalline inorganic coating, creating a surface that mimics the bone environment *in vivo*, for *in vitro* bone cell culture and analysis

Cat. No.	Number of wells	Type of bottom	Plate colour	Treatment	Units/ bag	Units/ box	€/ box
003516	6	Flat	Transparent	TC	1	50	N/A -
003506	6	Flat	Transparent	TC	5	100	N/A -
003335	6	Flat	Transparent	CellBIND®	5	50	N/A -
003513	12	Flat	Transparent	TC	1	50	N/A -
003512	12	Flat	Transparent	TC	5	100	N/A -
003336	12	Flat	Transparent	CellBIND®	5	50	N/A -
003526	24	Flat	Transparent	TC	1	50	N/A -
003524	24	Flat	Transparent	TC	1	100	N/A -
003527	24	Flat	Transparent	TC	5	100	N/A -
003337	24	Flat	Transparent	CellBIND®	5	50	N/A -
003987	24	Flat	Transparent	Corning Osteo Assay	1	4	N/A -
003548	48	Flat	Transparent	TC	1	100	N/A -
003338	48	Flat	Transparent	CellBIND®	5	50	N/A -
003596	96	Flat	Transparent	TC	1	50	N/A -
003598	96	Flat	Transparent	TC	5	100	N/A -
003599	96	Flat	Transparent	TC	1	100	N/A -
003300	96	Flat	Transparent	CellBIND®	5	50	N/A -
003799	96	Rounded	Transparent	TC	1	50	N/A -
003603	96	Flat Transp.	Black	TC	1	48	N/A -
003904	96	Flat Transp.	Black	TC	20	100	N/A -
003340	96	Flat Transp.	Black	CellBIND®	5	50	N/A -
003916	96	Flat -Black	Black	TC	20	100	N/A -
003610	96	Flat Transp.	White	TC	1	48	N/A -
003903	96	Flat Transp.	White	TC	20	100	N/A -
003917	96	Flat - White	White	TC	20	100	N/A -

WEB

Enter the Cat. No. on dulis.nl to find:
- Guide of ell dimensions, expected cell yield and recommended medium volume;
- The microplate selection guide.

TIP

Find all our 384 well and 1536 well Falcon® culture treated plates in our storage and screening section

Greiner Bio-One plates and microplates

- Sterile
- Non-cytotoxic
- Stackable, peelable packaging
- Batch number on each plate, expiry date on each bag
- Lids with condensation rings
- In polystyrene with low autofluorescence

DNase RNase · Human DNA · Endo-toxins

CELLSTAR® TC
- Standard physical surface treatment

CELLSTAR Advanced TC
- Advanced chemical treatment for primary or delicate or stressed cells (e.g. less SVF)

CELLSTAR® OneWell Plate single-well culture plate



- SBS format, suitable for use with robotic systems
- With lid
- Ideal for screening and intensive cultivation
- Culture area: 95 cm²

Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
1670180	1	Flat	TC	32	50	N/A -

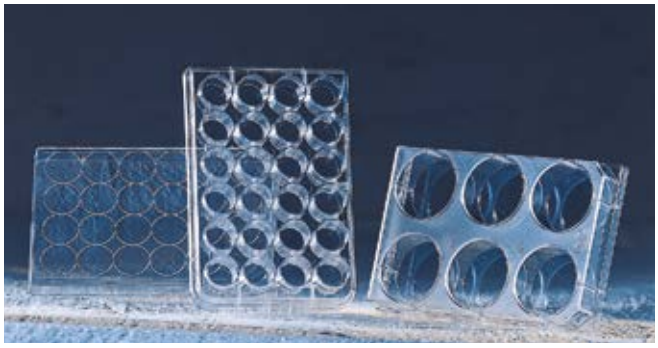
TIP

Available in non treated version OneWell and FourWell

Greiner Bio-One Plates and Microplates (continued)

Multi-well plates and transparent microplates

Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
657160	6	Flat	TC	1	100	N/A -
657960	6	Flat	Advanced TC	1	100	N/A -
665180	12	Flat	TC	1	100	N/A -
665980	12	Flat	Advanced TC	1	100	N/A -
662160	24	Flat	TC	1	100	N/A -
662960	24	Flat	Advanced TC	1	100	N/A -
677180	48	Flat	TC	1	100	N/A -
677980	48	Flat	Advanced TC	1	100	N/A -
020035	96	Flat	TC	1	100	N/A -
655980	96	Flat	Advanced TC	1	100	N/A -
655982	96	Flat	Advanced TC	10	160	N/A -
020028	96	Rounded	TC	1	100	N/A -
020033	96	Conical	TC	1	100	N/A -
675180	96	1/2 well	TC	1	100	N/A -



DNase RNase · Human DNA · Cyto-toxin · Pyro-genic

- High transparency and low auto-fluorescence
- Lid designed for optimum gas exchange and minimum evaporation
- Alphanumeric marking
- Peelable packaging
- SBS format, robotic compatible
- For 6-well and 96-well plates: black screen printing on each plate with batch number, expiry date, treatment type
- Reagent gain with 1/2 wells; working volume 15 to 175 µl

Accessories

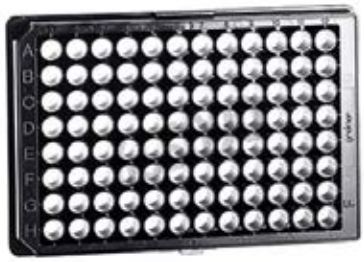
Cat. No.	Description	Pack unit.	Units/ box	€/ box
020037	Universal irradiated high-shapes lid	1	100	N/A -
020039	Sterile lid for microplate 96 condensation rings	1	100	N/A -

GREINER Bio-One Black microplates

Cat. No.	Number of wells	Type of bottom	Specifications	Treatment	Units/ bag	Units/ box	€/ box
655086	96	Flat -Black	With lid	TC	8	32	N/A -
655079	96	Flat -Black	Without lid	TC	10	40	N/A -
655090	96	Flat - µclear transparent	With lid	TC	8	32	N/A -
655087	96	Flat - µclear transparent	Without lid	TC	10	40	N/A -
675086	96	1/2 well Black	With lid	TC	8	32	N/A -
675090	96	1/2 well - µclear transparent	With lid	TC	8	32	N/A -
655986	96	1/2 well - µclear transparent	With lid	Advanced TC	8	32	N/A -
675986	96	1/2 well Black	With lid	Advanced TC	8	32	N/A -
781986	384	Flat - µclear transparent	Without lid	Advanced TC	8	32	N/A -
788986	384	1/2 well - µclear transparent	With lid	Advanced TC	15	60	N/A -



DNase RNase · Human DNA · Cyto-toxin · Pyro-genic



- Suitable for fluorescence testing
- Minimises background noise autofluorescence and interwell scattering effects
- µclear transparent background (190 µm thick) suitable for microscopy
- SBS format, robotic compatible

GREINER Bio-One White microplates

Cat. No.	Number of wells	Type of bottom	Specifications	Treatment	Units/ bag	Units/ box	€/ box
655083	96	Flat - White	With lid	TC	8	32	N/A -
655073	96	Flat - White	Without lid	TC	10	40	N/A -
655098	96	Flat - µclear transparent	With lid	TC	8	32	N/A -
655088	96	Flat - µclear transparent	Without lid	TC	10	40	N/A -
675083	96	1/2 well - White	With lid	TC	8	32	N/A -
655983	96	Flat - White	With lid	Advanced TC	8	32	N/A -
781983	384	Flat - µclear transparent	With lid	Advanced TC	8	32	N/A -
788983	384	1/2 well - µclear transparent	With lid	Advanced TC	15	60	N/A -



DNase RNase · Human DNA · Cyto-toxin · Pyro-genic

- Suitable for luminescence testing
- Minimises background noise, autophosphorescence and inter-well scattering effects
- µclear transparent background: 190 µm thick, suitable for microscopy
- SBS format, robotic compatible

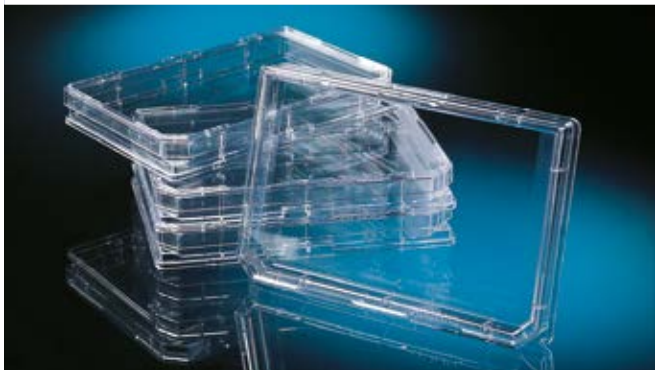
See our 384 and 1536 well Greiner Bio-One plates in the storage and screening section



All prices are indicative and exclude VAT. Visit www.dulis.nl

Nunc™ plates

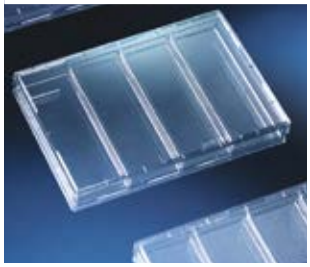
Omnitray Nunc™ culture plates

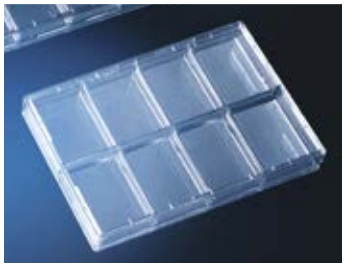


- Gamma sterilised with lid
- Microplate format for use with robots
- With notched corners: mark for positioning the plate
- Without notched corners: special robotics
- Applications:
  - Dot Blotting
  - Denaturation/hybridization/washing
  - Membrane storage

Cat. No.	Number of wells	Type of bottom	Specifications	Treatment	Units/ bag	Units/ box	€/ box
055048	1	Flat	Notched corners	TC	10	60	N/A -
056199	1	Flat	-	TC	10	90	N/A -

Nunc™ rectangular plates



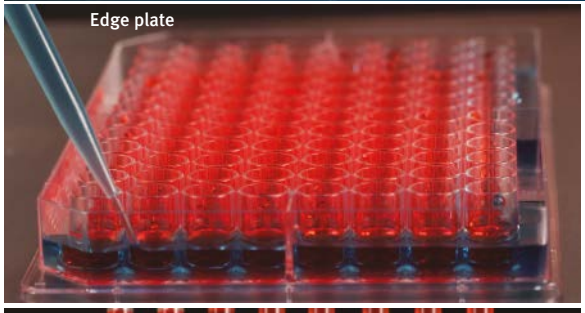


- Sterile with cover
- Compatible with robotic systems
- ANSI standard format
- Ext. dimension L x W x H: 128 x 85.9 x 17.3 mm

Cat. No.	Number of wells	Type of bottom	Specifications	Treatment	Units/ bag	Units/ box	€/ box
056276	4	Flat	TC	10	100	60	N/A -
056278	8	Flat	TC	10	100	90	N/A -

Nunc™ transparent multi-well plates and microplates







- Sterilised by gamma rays
- In polystyrene
- Nunclon Delta Treated (TC)
- Nunclon VITA treated: for cultivation of so-called demanding cells such as human embryonic and pluripotent stem cells
- Minitray plates with cover: size L x W 84 x 59 mm, culture area per well 0.013 cm²
- Edge 2.0 plates: limits evaporation; evaporation rate ‹ 2 % on all 96 wells after 4 days of incubation
- 4 slots on the perimeter (each filled with sterile 0.5% agarose solution liquid), act as barriers to evaporation from the wells
- SBS format

Cat. No.	Number of wells	Type of bottom	Specifications	Treatment	Units/ bag	Units/ box	€/ box
055047	4	Flat	Lid	TC	4	120	N/A -
055426	6	Flat	Lid	TC	1	75	N/A -
055615	6	Flat	Lid	TC	5	85	N/A -
056744	6	Flat	Lid	Nuclon Vita™	1	4	N/A -
055428	12	Flat	Lid	TC	1	75	N/A -
055429	24	Flat	Lid	TC	1	75	N/A -
055430	24	Flat	Lid	TC	5	85	N/A -
055431	48	Flat	Lid	TC	1	75	N/A -
056204	48	Flat	Lid	TC	5	85	N/A -
055435	60	Conical	Minitray	TC	10	150	N/A -
055436	72	Conical	Minitray	TC	10	150	N/A -
055260	96	Flat	Lid	TC	1	50	N/A -
055262	96	Flat	Lid	TC	10	160	N/A -
055432	96	Flat	Without lid	TC	1	50	N/A -
055264	96	Flat	Without lid	TC	10	180	N/A -
055434	96	Rounded	Lid	TC	1	50	N/A -
055467	96	Rounded	Lid	TC	10	160	N/A -
055433	96	Rounded	Without lid	TC	1	50	N/A -
056891	96	Flat	Lid, Edge 2.0	TC	1	50	N/A -
056892	96	Flat	Lid, Edge 2.0	TC	10	160	N/A -
056893	96	Flat	Without lid, Edge 2.0	TC	1	50	N/A -
056894	96	Flat	Without lid, Edge 2.0	TC	10	160	N/A -

Sterile lid and adhesives

Cat. No.	Description	Pack unit.	Units/ box	€/ box
055610	Sterile polystyrene lid	1	60	N/A -
055049	Sterile adhesive sheet	200	800	N/A -
064031	Sterile adhesive sheet	1	50	N/A -

Nunc™ plates (continued)

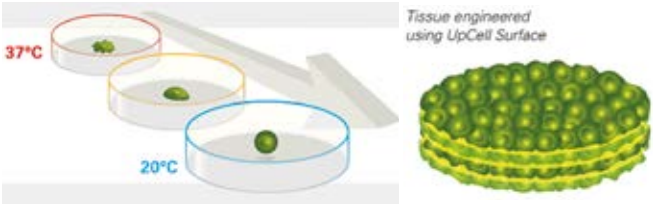
UpCell® Nunc™ transparent plates and microplates

Designed to allow rapid dissociation of cells from the surface by simple temperature change.

- No trypsination: surface proteins and antigens preserved
- No use of scrapers: good cell viability
- 6-well plates supplied with support membranes that allow the collection of cell sheets, as well as the creation of 3D tissue models
- With lid

Cat.No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
056711	6	Flat	Upcell	1	6	N/A -
056710	12	Flat	Upcell	1	6	N/A -
056709	24	Flat	Upcell	1	6	N/A -
056708	48	Flat	Upcell	1	6	N/A -
056707	96	Flat	Upcell	1	8	N/A -





Nunc™ Black and white microplates

Nunc™ black microplates

- Recommended for fluorescence measurements
- Disperses light and reduces background noise
- Custom barcodes available

Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
055210	96	Flat - Transparent	TC	1	50	N/A -
055212	96	Flat - Transparent	TC	10	160	N/A -

Nunc™ white microplates

- Recommended for luminescence measurements
- With maximum reflection and minimum autoluminescence
- Custom barcodes available

Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
055211	96	Flat - Transparent	TC	1	50	N/A -
055213	96	Flat - Transparent	TC	10	160	N/A -



ClearLine® plates

ClearLine® transparent multi-well plates and microplates

- In polystyrene
- Sterilised by gamma rays
- Alphanumeric marking
- Notched corners
- Certified endotoxin level ‹ 0.5 EU/ml
- With lid

Endo-toxins

DNase RNase

Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
131028C	6	Flat	TC	1	100	N/A -
131024C	12	Flat	TC	1	100	N/A -
131020C	24	Flat	TC	1	100	N/A -
131019C	48	Flat	TC	1	100	N/A -
131012C	96	Flat	TC	1	100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

SPL plates

SPL Transparent single-wall plate



- In polystyrene
- Sterile
- Non-cytotoxic

DNase RNase — Endo-toxins

Cat. No.	Specifications	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
330046	Flat	With lid	TC	1	50	N/A -

SPL transparent multi-well plates and microplates



- In polystyrene
- Sterile
- With lid
- Alphanumeric marking
- UPS Class VI

Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
330023	6	Flat	TC	1	50	N/A -
330026	12	Flat	TC	1	50	N/A -
330029	24	Flat	TC	1	50	N/A -
330032	48	Flat	TC	1	50	N/A -
330035	96	Flat	TC	1	50	N/A -
330038	96	Rounded	TC	1	50	N/A -

SPL Black and white multi-well plates



SPL Black multi-well microplates

For minimal background noise and low light scatter.

- Sterile
- Alphanumeric marking

Cat.No.	Number of wells	Type of bottom	Specifications	Treatment	Units/ bag	Units/ box	€/ box
330042	96	Flat	Lid	TC	1	50	N/A -

SPL white multi-well plates

For maximum reflection and minimum autoluminescence.

- Sterile
- Alphanumeric marking

Cat.No.	Number of wells	Type of bottom	Specifications	Treatment	Units/ bag	Units/ box	€/ box
330041	96	Flat	Lid	TC	1	50	N/A -

Coated Culture plates

2D or monolayer cell culture often uses extracellular matrix proteins to mimic the natural environment of adherent cells

- The standard cell culture plates are then coated with extracellular matrix proteins (Collagen Type I, Fibronectin, Laminin) or synthetic proteins (Poly-D- and Poly-L-Lysine).
  They thus allow better adhesion, growth and differentiation of cells
- These coated plates are ideally suited for cell cultures in serum-free media and for protocols involving additional wash steps or stressful steps, e.g. transfection

Enter the Cat. No. on dulis.nl to find the Corning BioCoat™ media guide



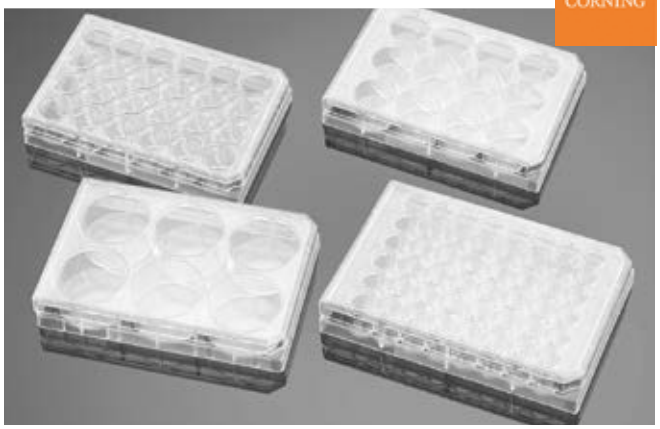
- The choice of coating to be used depends on the cells to be cultured and therefore on the composition of the extracellular matrix *in vivo* for these cells

Corning® Biocoat® coated transparent multi-well plates and microplates

CORNING

- Matrigel®: basal membrane extracted from the EHS (Engelbreth-Holm-Swarm) tumour
- Main components: laminin, collagen IV, entactin, proteoglycans
- When it solidifies it forms a structure equivalent to a basal membrane in terms of its composition, structure and physical properties

Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
354408	24	Flat	Collagen I	5	5	N/A -
356408	24	Flat	Collagen I	5	50	N/A -
354430	24	Flat	Collagen IV	5	5	N/A -
354411	24	Flat	Fibronectin	1	5	N/A -
354412	24	Flat	Laminin	5	5	N/A -
354433	24	Flat	Matrigel®	1	2	N/A -
354605	24	Flat	Matrigel® thin layer	5	5	N/A -
354414	24	Flat	Poly-D-Lysine	5	5	N/A -
356414	24	Flat	Poly-D-Lysine	5	50	N/A -
354505	48	Flat	Collagen I	5	5	N/A -
356505	48	Flat	Collagen I	5	50	N/A -
354509	48	Flat	Poly-D-Lysine	5	5	N/A -
356509	48	Flat	Poly-D-Lysine	5	50	N/A -
354407	96	Flat	Collagen I	5	5	N/A -
356407	96	Flat	Collagen I	5	50	N/A -
354429	96	Flat	Collagen IV	5	5	N/A -
354409	96	Flat	Fibronectin	5	5	N/A -
354689	96	Flat	Gelatin	5	5	N/A -
356689	96	Flat	Gelatin	5	50	N/A -
354410	96	Flat	Laminin	5	5	N/A -
354607	96	Flat	Matrigel® thin layer	5	5	N/A -
354461	96	Flat	Poly-D-Lysine	5	5	N/A -
356461	96	Flat	Poly-D-Lysine	5	50	N/A -
354516	96	Flat	Poly-L-Lysine	5	5	N/A -
356516	96	Flat	Poly-L-Lysine	5	50	N/A -

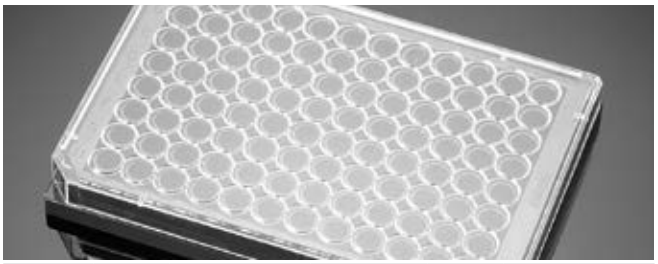


Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
354400	6	Flat	Collagen I	5	5	N/A -
356400	6	Flat	Collagen I	5	50	N/A -
354428	6	Flat	Collagen IV	1	5	N/A -
354402	6	Flat	Fibronectin	1	5	N/A -
354652	6	Flat	Gelatin	5	5	N/A -
356652	6	Flat	Gelatin	5	50	N/A -
354404	6	Flat	Laminin	1	5	N/A -
354432	6	Flat	Matrigel®	1	2	N/A -
354603	6	Flat	Matrigel® thin layer	5	5	N/A -
354413	6	Flat	Poly-D-Lysine	5	5	N/A -
356413	6	Flat	Poly-D-Lysine	5	50	N/A -
354515	6	Flat	Poly-L-Lysine	5	5	N/A -
354500	12	Flat	Collagen I	5	5	N/A -
356500	12	Flat	Collagen I	5	50	N/A -
354470	12	Flat	Poly-D-Lysine	5	5	N/A -
356470	12	Flat	Poly-D-Lysine	5	50	N/A -

Corning® Biocoat® coated black and white multi-well plates and microplates

CORNING

Corning® Biocoat® coated multi-well plates



Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
354649	96	Flat-Transparent	Collagen I	5	5	N/A -
356649	96	Flat-Transparent	Collagen I	5	50	N/A -
354640	96	Flat-Transparent	Poly-D-Lysine	5	5	N/A -
356640	96	Flat-Transparent	Poly-D-Lysine	5	50	N/A -
Angiogenesis: Tube formation						
354149	96	Flat-Transparent	Matrigel™	1	1	N/A -
354150	96	Flat-Transparent	Matrigel™	1	5	N/A -

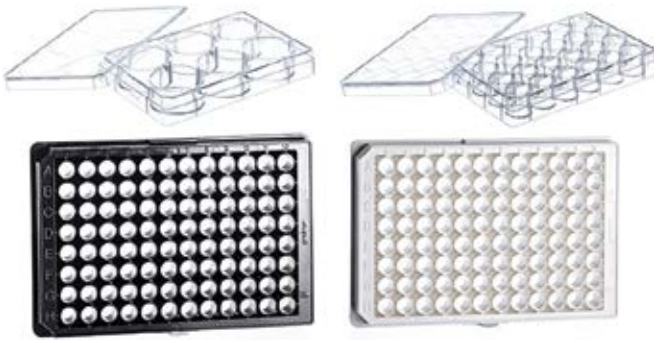
Corning® Biocoat® coated white multi-well plates



Cat. No.	Number of wells	Type of bottom	Treatment	Units/ bag	Units/ box	€/ box
354519	96	Flat-White	Collagen I	5	5	N/A -
356519	96	Flat-White	Collagen I	5	50	N/A -
354650	96	Flat-Transparent	Collagen I	5	5	N/A -
356650	96	Flat-Transparent	Collagen I	5	50	N/A -
354651	96	Flat-Transparent	Poly-D-Lysine	5	5	N/A -
356651	96	Flat-Transparent	Poly-D-Lysine	5	50	N/A -
354620	96	Flat-White	Poly-D-Lysine	5	5	N/A -
356620	96	Flat-White	Poly-D-Lysine	5	50	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Greiner Bio-One CELLCOAT® coating multi-well plates and microplates



CELLCOAT® coatings are perfectly suited for primary cells, sensitive cell lines or any cell under stress (no serum, transfection, numerous washes, etc.) They also allow, for certain cells, a better differentiation.

- Ready to use
- Non-cytotoxic
- Poly-Lysine and Collagen I storable at room temperature
- Strict control of raw materials, consistent quality

CELLCOAT® black multi-well plates and microplates

Cat. No.	Number of wells	Bottom type	Treatment	Units/ bag	Units/ box	€/ box
655956A	96	Flat-Transparent	Collagen I	5	5	N/A -
655946	96	Flat-Transparent	Poly-D-Lysine	5	20	N/A -
655936	96	Flat-Transparent	Poly-L-Lysine	5	20	N/A -
781956	384	Flat-Transparent	Collagen I	5	20	N/A -
781946	384	Flat-Transparent	Poly-D-Lysine	5	20	N/A -
781936	384	Flat-Transparent	Poly-L-Lysine	5	20	N/A -

CELLCOAT® white multi-well plates and microplates

Cat. No.	Number of wells	Bottom type	Treatment	Units/ bag	Units/ box	€/ box
655944	96	Flat-Transparent	Poly-D-Lysine	5	20	N/A -
781944	384	Flat-Transparent	Poly-D-Lysine	5	20	N/A -

CELLCOAT® transparent multi-well plates and microplates

Cat. No.	Number of wells	Bottom type	Treatment	Units/ bag	Units/ box	€/ box
657950	6	Flat	Collagen I	5	50	N/A -
657940	6	Flat	Poly-D-Lysine	5	50	N/A -
657930	6	Flat	Poly-L-Lysine	5	50	N/A -
657910	6	Flat	Laminin	1	5	N/A -
657920	6	Flat	Fibronectin	1	5	N/A -
662950	24	Flat	Collagen I	5	50	N/A -
662910	24	Flat	Laminin	1	5	N/A -
662920	24	Flat	Fibronectin	1	5	N/A -
662940	24	Flat	Poly-D-Lysine	5	50	N/A -
662930	24	Flat	Poly-L-Lysine	5	50	N/A -
655950A	96	Flat	Collagen I	5	5	N/A -
655920	96	Flat	Fibronectin	1	5	N/A -
655940	96	Flat	Poly-D-Lysine	5	20	N/A -
655930A	96	Flat	Poly-L-Lysine	5	5	N/A -
781950	384	Flat	Collagen I	5	20	N/A -
781940	384	Flat	Poly-D-Lysine	5	20	N/A -
781930	384	Flat	Poly-L-Lysine	5	20	N/A -

Plates for cell imaging

Falcon® Imaging 96-well Microplates for cell imaging



- Very thin flat bottom (thickness: 190 µm) specially designed for cell imaging
- Bottom is 60% thinner than conventional polystyrene microplates
- Opaque walls prevent exchange between wells
- Sterile
- With lid

Cat. No.	Number of wells	Type of bottom	Colour	Treatment	Units/ bag	Units/ box	€/ box
353219	96	Flat-Transparent	Black	TC	8	32	N/A -

Corning® Microplates

96-well glass-bottom microplates



- Flat bottom in optical glass, thickness 200 µm
- Superior optical quality and scratch resistant glass
- Black frame to limit the background noise in fluorescence
- With half-wells to limit reagent loss
- With lid

Cat. No.	Number of wells	Bottom type	Colour	Treatment	Units/ bag	Units/ box	€/ box
004580	96	Flat-Transparent	Black	TC	1	10	N/A -
004582	96	Flat-Transparent	Black	Collagen I	1	10	N/A -
004584	96	Flat-Transparent	Black	Fibronectin	1	10	N/A -
004586	96	Flat-Transparent	Black	Poly-D-Lysine	1	10	N/A -

COC 96-well microplates



- Copolymer Cyclo Olefin
- 127 µm thick ultra transparent bottom
- Round wells to reduce reagent loss
- Culture Treated surface
- With lid

Cat. No.	Number of wells	Type of bottom	Colour	Treatment	Units/ bag	Units/ box	€/ box
004680	96	Flat-Transparent	Black	TC	4	16	N/A -

Greiner Bio-One SCREENSTAR® Microplates

Microplates with cycloolefin frame and bottom/film, suitable for microscopy applications such as HCS or high resolution microscopy.

- **High transparency, low autofluorescence, low birefringence, refractive index close to glass**
- **Full surface access to the plate through high magnification lenses**
- **Film thickness 190 µm**
- **Surface treatment suitable for cell culture**
- **Sterile with lids, non-cytotoxic**
- **Peripheral edge can be filled with fluids to limit edge effects (evaporation)**
- **Water or oil immersion compatible, high magnification over X40 and high resolution**
- **Bar codes on request**
- **Non-sterile or non treated versions on request**
- **Compatibility with automated imaging systems: consult us**



Cat. No.	Number of wells	Bottom type	Colour	Treatment	Units/ bag	Units/ box	€/ box
655866	96	Chimney well/plate - Transparent	Black	TC	1	16	**N/A -**
073056	384	Flat - Transparent	Black	TC	8	32	**N/A -**
789866	1536	Flat - Transparent	Black	TC	17	68	**N/A -**

Greiner Bio-One CELLview® Microplates

Microplates with black cycloolefin frame and optical quality glass background, suitable for high resolution and confocal microscopy applications.



- **High transparency, low autofluorescence**
- **Reduced height bottom for easy use of lenses with short distance and high aperture**
- **Compatible with confocal systems such as Opera Phenix, Yokogawa, ImageExpress PICO, Cytation**
- **Borosilicate glass, thickness 175 µm +/- 15 µm**
- **Surface treatments adapted to cell culture: standard culture treatment or Advanced TC for sensitive or stressed cells (low serum, transfection, etc.)**
- **Sterile with lids, non-cytotoxic**
- **Bar codes on request**

Cat. No.	Number of wells	Bottom type	Colour	Treatment	Units/ bag	Units/ box	€/ box
655891	96	Flat - Transparent	Black	TC	1	16	**N/A -**
655981	96	Flat - Transparent	Black	Advanced TC	1	16	**N/A -**

Greiner Bio-One Sensoplate® glass bottom microplates

Black polystyrene microplates with optical quality glass backgrounds, specialised for high resolution, confocal and correlated fluorescence microscopy applications.



- **High transparency, low autofluorescence**
- **Borosilicate glass, thickness 175 µm +/- 15 µm**
- **Sterile with lids, non-cytotoxic**
- **Can be used for wavelengths above 350 nm**
- **Bar codes on request**
- **Compatibility with automated imaging systems: consult us**

Cat.No.	Number of wells	Bottom type	Colour	Treatment	Units/ bag	Units/ box	€/ box
662892	24	Flat - Transparent	Black	No	1	12	**N/A -**
655892	96	Flat - Transparent	Black	No	1	16	**N/A -**
781892	384	Flat - Transparent	Black	No	1	16	**N/A -**
783892*	1536	Flat - Transparent	Black	No	1	16	**N/A -**

* Low Base Profile

Greiner Bio-One CELLView® Petri dishes

- **Glass background for high resolution/maximum flatness microscopy even in heated enclosures**
- **Central glass base Ø 24 mm, glass thickness 175 µm**
- **Numbered compartmented version for parallel cultivation of various conditions**
- **Surface available in non treated, standard treated (TC) or Advanced TC for sensitive or stressed cells (low serum, transfection, etc.)**
- **Sterile**

Cat.No.	Ø x h (mm)	Treatment	Specifications	Units/ bag	Units/ box	€/ box
627870	35 x 12	TC	4 compartments	10	40	**N/A -**
627975	35 x 12	Advanced TC	4 compartments	10	40	**N/A -**
627871	35 x 12	Non treated	4 compartments	10	40	**N/A -**
627860	35 x 12	TC	1 compartment	10	40	**N/A -**
627965	35 x 12	Advanced TC	1 compartment	10	40	**N/A -**
627861	35 x 12	Non treated	1 compartment	10	40	**N/A -**



Cyto-toxin · Pyro-genic · DNase RNase · Human DNA

All prices are indicative and exclude VAT. Visit www.dulis.nl

Nunc™ glass bottom microplates



- Treated culture
- Sterile
- Bottom with Coverglass no. 1.5, low autofluorescence
- Polystyrene upper structure
- For CC2 glass plates, treatment with the same biological effect as Poly-L-Lysine treated plates, to be used for difficult cells such as cancerous, neuronal, transfected or primary
- Compatible with robots

Cat. No.	Number of wells	Bottom type	Colour	Specifications	Units/ bag	Units/ box	€/ box
Bottom with coverglass							
056006	96	Flat - Transparent	Black	-	6	30	**N/A -**
056007	96	Flat - Transparent	White	-	6	30	**N/A -**
056140	96	Flat - Transparent	Black	CC2	6	30	**N/A -**
055317	96	Flat - Transparent	Black	Non-sterile - Without lid	5	30	**N/A -**
PS Bottom							
056008	96	Flat - Transparent	White	-	10	30	**N/A -**
056010	96	Flat - Transparent	Black	-	10	30	**N/A -**

SPL culture plates for confocal microscopy



- 6-well plates with coverslips
- Made of high quality transparent polystyrene
- For high resolution confocal microscopy
- Sterile
- With lid
- Glass coverslips, thickness 133 µm

Cyto-toxin · Pyro-genic · DNase RNase · Human DNA

Cat. No.	Bottom type	Ø of coverslips in (mm)	Confocal region (cm²)	Growth area (cm²)	Treatment	Units/ bag	Units/ box	€/ box
330083	Flat	13	1.33	9.6	TC	1	4	**N/A -**
330084	Flat	20	3.14	9.6	TC	1	4	**N/A -**

Vision Plate Microplates 24 and 96 well for cell screening 4titude®





- Culture-treated (optimises cell adhesion), sterile, with lid
- Polystyrene bottom, thickness 175 µm
- Applications: cell testing, fluorescence testing, chemiluminescence, colorimetry

Human DNA · DNase RNase

Cat. No.	Number of wells	Bottom type	Colour	Bottom colour	Treatment	Units/ bag	Units/ box	€/ box
044811	24	Flat	Black	Transparent	TC	-	24	**N/A -**
044810	96	Flat	Black	Transparent	TC	-	24	**N/A -**
044815	96	Flat	Black	Transparent	Collagen	-	24	**N/A -**
044862	96	Flat	Black	Transparent	Poly-D-Lysine	-	24	**N/A -**

Which is the best cellware for your suspension cell culture?



1) According to the desired cell yield and/or the type of production expected (e.g. antibodies)
Depending on the number of cells to be cultured, you will need to choose cellware with suitable volumes and yields.

2) According to the type of cells and their fragility
Some cellware generate higher shear forces, so it is necessary to select the best model.

3) According to the necessary gas exchange
The level of gas exchange varies according to the cellware.

4) According to The ease of access to the cell suspension for sampling or replenishment during culture

5) The investment required
Some culture cellware require the purchase of specific and dedicated equipment that must be taken into account.

6) The workload required
The cleaning and sterilisation of certain media can monopolise operators for valuable time.

7) Space in your laboratories
How much space do you have available for your culture?

Once you have weighed the pros and cons, you will have determined your best choice.

Thanks to these questions, we will be able to better understand your needs, your constraints, in order to find the best solutions in the large choice that you will discover in the following pages. Do not hesitate to consult our team of specialists to help you in this process.

All of the following cellware are untreated, suitable for suspension cell culture.

Falcon® cell culture flasks

Falcon® standard non treated cell culture flasks

- **Sterilised by gamma rays**
- **Filter plugs to reduce contamination of the cell culture due to gas exchange**
- **Volumetric gradations**

Cat.No.	Surface area (cm²)	Type of neck	Cap Type	Units/ bag	Units/ box	€/ box
353009	25	Canted	Standard	20	200	**N/A -**
353133	75	Canted	Standard	5	60	**N/A -**

CELLine BioReactor non treated culture flasks

- **A bottle with a double membrane to optimise gas and nutrient exchange**
- **Equipped with two openings, one allowing access to the chamber containing the cells, the other to renew the medium**
- **Ideal for high cell density antibody and recombinant protein production**
- **Compartmented bottle**

Cat.No.	Volume (ml)	Type of neck	Cap Type	Units/ bag	Units/ box	€/ box
353137	15 + 1000	Canted	Standard	1	3	**N/A -**





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Corning ® cell culture flasks





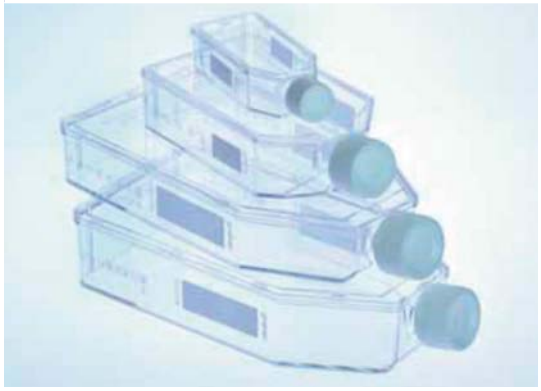
Corning ® standard non treated cell culture flasks

DNase RNase

- Sterilised by gamma rays
- Certified non-pyrogenic
- Vented caps to reduce contamination of the cell culture due to gas exchange
- Moulded gradations
- Frosted areas for marking on both sides
- U-shaped flasks for easy cell recovery

Cat. No.	Surface area (cm²)	Type of Flask	Type of neck	Cap Type	Units/ bag	Units/ box	€/ box
00431463	25	Rectangular	Canted	Filter	20	200	N/A -
00431464U	75	U-Shaped	Canted	Filter	5	100	N/A -
431465	150	U-Shaped	Canted	Filter	5	50	N/A -

Greiner Bio-One cell culture flasks



CELLSTAR flasks with standard cap

DNase RNase

DNase RNase

Human DNA

Cyto-toxin

Culture flask with standard or screw cap, hydrophobic surface ideal for suspension cultures, hybridomas and embryonic stem cells.

- Canted neck, sterile and peelable packaging
- Graduation on the sides
- Sterile

Greiner Bio-One CELLSTAR non treated culture flasks

Cat.No.	Surface area (cm²)	Type of neck	Cap Type	Units/ bag	Units/ box	€/ box
690190	25	-	Standard	10	200	N/A -
658190	75	-	Standard	5	120	N/A -
660190	175	Bottom	Standard	5	50	N/A -
661190	175	Top	Standard	4	40	N/A -
690195	25	-	Filter	10	200	N/A -
658195	75	-	Filter	5	120	N/A -
661195	175	Top	Filter	4	40	N/A -

Nunc™ cell culture flasks

Thermo SCIENTIFIC nunc

Sterile, non treated culture flasks for all applications that do not require anchoring of cells to the bottom of the plates.

- White caps for easy identification
- Sterilised by gamma irradiation and certified as pyrogen-free
- Hydrophobic surface for hybridoma culture and cell suspensions



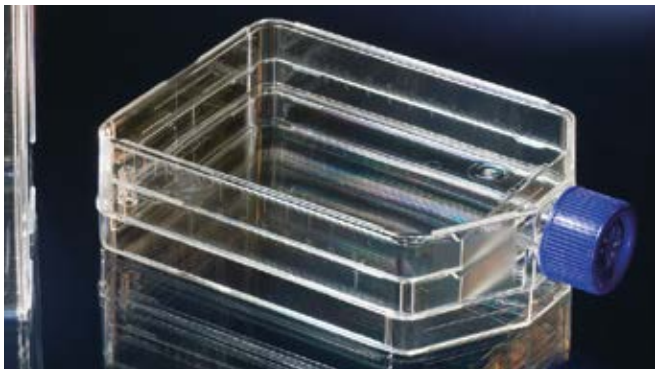
Nunc™ Standard non treated cell culture flasks

Cat.No.	Surface area (cm²)	Type of neck	Cap Type	Units/ bag	Units/ box	€/ box
055459	25	Canted	Filter	10	200	N/A -
055460	75	Canted	Filter	5	100	N/A -
055461	175	Straight	Filter	4	30	N/A -

Nunc™ 3-layer cell culture flasks

A 3-level culture flask with a culture surface of 500 cm² in a volume equivalent to that of a 175 cm² flask, thanks to the presence of three internal trays.

- Recommended volume: 200 ml
- Gamma sterilised
- Easy to use: simply fill the flask until the medium is evenly distributed in each compartment and lay the flask down to incubate



Cat.No.	Surface area (cm²)	Type of neck	Cap Type	Units/ bag	Units/ box	€/ box
056345	500	Straight	Filter	1	32	N/A -

SPL cell culture flasks

SPL

- High quality transparent polystyrene
- Special neck design: short, wide and angled for access of serological pipettes and scrapers
- Stackable
- Sterile
- Non-cytotoxic



DNase RNase DNase RNase

SPL Standard non treated cell culture flasks

Cat.No.	Surface area (cm²)	Type of neck	Cap Type	Units/ bag	Units/ box	€/ box
330020	25	Canted	Standard	5	200	N/A -
330021	75	Canted	Standard	5	100	N/A -
330022	175	Canted	Standard	5	40	N/A -
330017	25	Canted	Filter	5	200	N/A -
330018	75	Canted	Filter	5	100	N/A -
330019	175	Canted	Filter	5	40	N/A -

CELLine Wheaton® cell culture flasks

DWK LIFE SCIENCES

Flasks with a double membrane to optimise gas and nutrient exchange The culture conditions allow for high cell concentrations of up to 1 x 10^8 cells/ml and protein concentrations of up to 25 mg/ml.
CELLine flask equipped with two openings, one allowing access to the chamber containing the cells, the other to renew the medium.

3 presentations

- CELLine CL 350: ideal for work where high cell densities are required
- CELLine CL 1000: this model allows you to obtain a large number of cells
- CELLINE AD 1000: has the same advantages as the classic CeLLine, but with a new PET matrix for growing adherent cells



CL 1000

CL 350



Cat. No.	Specifications	Volume (ml)	Type of neck	Cap Type	Treatment	Units/ bag	Units/ box	€/ box
150102B	CL350	5 + 350	Canted	Standard	Non treated	1	5	N/A -
150103	CL1000	15+1000	Canted	Standard	Non treated	1	3	N/A -
150104	AD1000	15+1000	Canted	Standard	TC	1	3	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

PETRI DISHES

Falcon® Petri dishes



- Ø 35 mm: EASY GRIP Petri dish for better grip
- Lid with a high-coverage rim to prevent contamination and 3 lugs for optimal gas exchange
- Flat, distortion-free culture surface
- Virgin polystyrene, crystal quality for optical transparency
- Sterile
- 351006: with fitted (or tight) lid, to limit evaporation

Falcon® non-treated Petri dishes

Cat. No.	Ø x h (mm)	Type	Units/ bag	Units/ box	€/ box
351008	40.28 x 6.17	35 mm	20	500	N/A -
351006	50 x 9	50 mm	20	500	N/A -
351007	53.34 x 13.89	60 mm	20	500	N/A -
351029	87.91 x 14.33	100 mm	20	500	N/A -
351058	142.37 x 7.145	150 mm	20	100	N/A -

Corning® Petri dishes



- Optically transparent virgin polystyrene
- Non-treated for applications where cell adhesion is not desired
- Edges for easy handling
- Vents ensure a homogeneous gas exchange
- Sterile
- Apyrogenic

Corning® non-treated Petri dishes

Cat. No.	Ø x H (mm)	Type	Units/ bag	Units/ box	€/ box
430588	36.57 x 11.94	35 mm	20	500	N/A -
430589	57.40 x 15.49	60 mm	20	500	N/A -
430591	92.71 x 20.83	100 mm	20	500	N/A -
430597	148.08 x 27.43	150 mm	5	60	N/A -

Nalgene™ Petri dishes

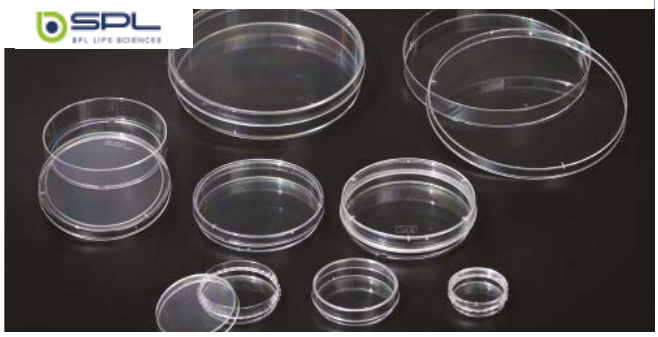


- In PMP
- Stackable for convenience
- Reusable
- Autoclavable

Non-treated Petri dishes

Cat. No.	Ø x h (mm)	Type	Units/ bag	Units/ box	€/ box
029727	92 x 14.7	100 mm	10	60	N/A -

SPL Petri dishes



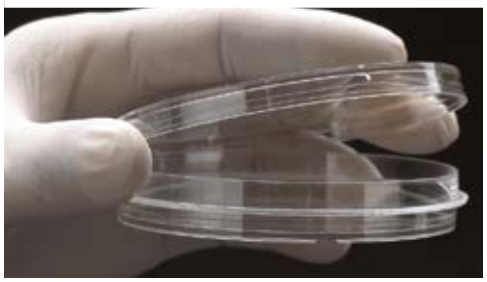
- Sterile
- Made of high quality transparent polystyrene

SPL Non-treated Petri dishes

Cat. No.	Ø x h (mm)	Type	Units/ bag	Units/ box	€/ box
330000*	35 x 9.60	35 mm	10	500	N/A -
330001*	52.80 x 12.80	60 mm	10	500	N/A -
330002	85.73 x 12.60	90 mm	10	500	N/A -
330003	138.57 x 15.40	150 mm	10	120	N/A -
330004	138.57 x 23.30	150 mm	10	120	N/A -

* external grip

Other Petri dishes



DNase RNase DNase RNase

- Sterile
- Grip ring
- With vents

Non-treated Petri dishes

Cat. No.	Ø x h (mm)	Type	Treatment	Units/ bag	Units/ box	€/ box
978262	60 x 15	60 mm	Non treated	10	500	N/A -
978263	100 x 15	100 mm	Non treated	10	500	N/A -

Falcon® non-treated transparent plates and microplates

- The non treated growth surface is more hydrophobic than the tissue culture surface
- Sterilised by gamma irradiation
- Lid for stable stacking on the bench or in the incubator
- Optical clarity for visualisation of all cell monolayers



Cat. No.	Number of wells	Bottom type	Units/ bag	Units/ box	€/ box
351146	6	Flat	1	50	N/A -
351143	12	Flat	1	50	N/A -
351147	24	Flat	1	50	N/A -
351178	48	Flat	1	50	N/A -
351172	96	Flat	1	50	N/A -
351177	96	Rounded	1	50	N/A -

Corning® non-treated transparent plates and microplates

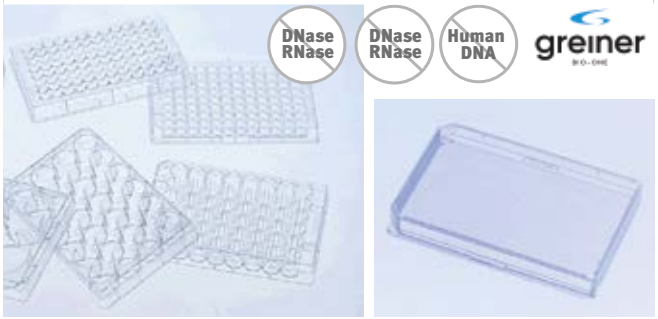
- The non treated growth surface is more hydrophobic than the tissue culture surface
- Sterilised by gamma irradiation
- Lid for stable stacking on the bench or in the incubator
- Optical clarity for visualisation of all cell monolayers



Cat. No.	Number of wells	Bottom type	Units/ bag	Units/ box	€/ box
003736	6	Flat	5	100	N/A -
003737	12	Flat	5	100	N/A -
003738	24	Flat	5	100	N/A -
003370	96	Flat	20	100	N/A -
003788	96	Rounded	20	100	N/A -

For plates that inhibit Ultra Low Attachment cell adhesion , see the Corning 3D range on page 2.

Greiner Bio-One non-treated transparent plates and microplates



Polystyrene plates, with lid, non–treated, suitable for suspension cell culture, hybridomas, embryonic stem cells.

- High transparency, low autofluorescence
- Peelable packaging
- Alpha-numeric tracking
- FourWell plates are designed to accommodate microscope slides, with notches for easy removal
- Sterile
- Non-cytotoxic

Cat. No.	Number of wells	Bottom type	Units/ bag	Units/ box	€/ box
1670190	1	Flat	8	32	N/A -
073045	4	Flat	8	32	N/A -
657185	6	Flat	1	100	N/A -
665102	12	Flat	1	100	N/A -
662102	24	Flat	1	100	N/A -
677102	48	Flat	1	100	N/A -
650185	96	Rounded	1	60	N/A -
655185	96	Flat, chimney wells	1	60	N/A -

For plates that inhibit all cell adhesion, see the Greiner Bio-One 3D Cell-Repellent range on page 4.

Nunc™ Non-treated transparent plates and microplates



Non-treated sterile culture plates for all applications that do not require anchoring of cells to the bottom of the plates (suspension).

- With lid
- Standard footprint for multi-well plates for use in conventional equipment

Cat. No.	Number of wells	Bottom type	Units/ bag	Units/ box	€/ box
056275	1 (rectangular)	Flat	10	100	N/A -
056277	4 (rectangular)	Flat	10	100	N/A -
056279	8 (rectangular)	Flat	10	100	N/A -
055617	4	Flat	120	120	N/A -
055618	6	Flat	5	75	N/A -
055619	12	Flat	1	75	N/A -
055620	24	Flat	1	75	N/A -
055621	48	Flat	1	75	N/A -
056877	96	Flat	25	100	N/A -
056367	96	Conical	10	80	N/A -
056837	96	Rounded	10	160	N/A -

For plates that inhibit all cell adhesion, see the Nunc™ Nunclon Sphera® range on page 10.

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SPL Non-treated transparent plates and microplates



- High quality transparent polystyrene
- Alphanumeric marking
- With transparent cap
- USP Class VI
- Sterile
- Non-cytotoxic

DNase RNase · DNase RNase · Human DNA

Cat. No.	Number of wells	Bottom type	Units/ bag	Units/ box	€/ box
330025	6	Flat	1	50	N/A -
330028	12	Flat	1	50	N/A -
330031	24	Flat	1	50	N/A -
330034	48	Flat	1	50	N/A -
330037	96	Flat	1	50	N/A -
330040	96	Rounded	1	50	N/A -
330203	384	Flat	10	40	N/A -

For plates that inhibit all cell adhesion, see the SPL 3D range on page 10.

Corning® Mini Reactors for suspension cultures



- Made of polypropylene
- For suspension cells, spheroids, aerobic bacteria, yeast
- Closed, pre-assembled system, limiting the risk of contamination
- Large marking area
- Sterile
- Certified USP Class VI, Animal-Free BSE/TSE

DNase RNase · DNase RNase

Cat. No.	Volume (ml)	Ø x H (mm)	Tube material	Specifications	Centrifugation speed (g)	Units/ bag	Units/ box	€/ box
431720	50	2.54 x 10.16	PP	Vented cap	12000	25	300	N/A -
0011705*	50	2.54 x 10.16	PP	With dip tube	-	1	2	N/A -
0011706*	50	2.54 x 10.16	PP	With dip tube and accessories	-	1	2	N/A -
0011750	500	7.62 x 12.7	PP	With dip tube	6000	1	2	N/A -

* Self-Standing skirted Cat.No.

Greiner Bio-One CELLreactor™ Culture Tubes



- CELLSTAR 15 ml and 50 ml sterile polypropylene tubes with filter caps / small capacity bioreactors
- For suspension cells, spheroid cells, aerobic bacteria, yeast
- Completely waterproof even in horizontal position
- 8-hole plug
- USP Class VI certified filter with 0.2 µm porosity for maximum sterility
- Ventilation can be reduced by closing one or more openings

Human DNA · DNase RNase · Cyto-toxin · Pyro-genic

CELLreactor™ culture tubes

Cat. No.	Volume (ml)	Ø x h (mm)	Tube material	Centrifugation speed (g)	Units/ bag	Units/ box	€/ box
227245	50	29.5 x 115.5	PP	9500	20	500	N/A -
188241	15	17 x 120	PP	4000	20	500	N/A -

Nunc™ culture tubes



- 200 ml, graduated up to 175 ml
- Dual position cap: filtering or sealing
- Gamma sterilised

Cat. No.	Volume (ml)	Ø x h (mm)	Tube material	Specifications	Centrifugation speed (g)	Units/ bag	Units/ box	€/ box
055050	200	59.9 x 137.2	PP	Double position cap	7000	4	48	N/A -

Accessoire

Cat. No.	Désignation	Units/ bag	Units/ box	€/ box
055051	Adapter	2	2	N/A -

Corning® Fernbach Erlenmeyer and flasks

Cat. No.	Volume (ml)	Material (Erlenmeyer/cap)	With deflectors	Units/ bag	Units/ box	€/ box
Erlenmeyer with standard cap						
430421	125	PC/PP	No	1	50	**N/A -**
430183	250	PC/PP	No	1	50	**N/A -**
430422	500	PC/PP	No	1	25	**N/A -**
431146	1000	PC/PP	No	1	25	**N/A -**
431404	125	PC/PP	Yes	1	50	**N/A -**
431406	250	PC/PP	Yes	1	50	**N/A -**
431408	500	PC/PP	Yes	1	25	**N/A -**
431402	1000	PC/PP	Yes	1	25	**N/A -**
Erlenmeyer with filter cap						
431143	125	PC/PP	No	1	50	**N/A -**
431144	250	PC/PP	No	1	50	**N/A -**
431145	500	PC/PP	No	1	25	**N/A -**
431147	1000	PC/PP	No	1	25	**N/A -**
431255	2000	PC/PP	No	1	6	**N/A -**
431405	125	PC/PP	Yes	1	50	**N/A -**
431407	250	PC/PP	Yes	1	50	**N/A -**
431401	500	PC/PP	Yes	1	25	**N/A -**
431403	1000	PC/PP	Yes	1	25	**N/A -**
431256	2000	PC/PP	Yes	1	6	**N/A -**
431280	2000	PETG/PP	No	1	6	**N/A -**
431281	2000	PETG/PP	Yes	1	6	**N/A -**
Fernbach flasks with filter cap						
431252	3000	PC/PP	No	1	4	**N/A -**
00431685	5000	PC/PP	No	1	4	**N/A -**
431253	3000	PC/PP	Yes	1	4	**N/A -**
00431684	5000	PC/PP	Yes	1	4	**N/A -**
431282	3000	PETG/PP	No	1	4	**N/A -**
431284	5000	PETG/PP	No	1	4	**N/A -**
431283	3000	PETG/PP	Yes	1	4	**N/A -**
431285	5000	PETG/PP	Yes	1	4	**N/A -**

The Corning Erlenmeyer and Fernbach, are ideal for shaking cultures and storage.

- **Sterilised by gamma rays**
- **USP class VI compliant**
- **Individual packaging**
- **Filter caps to optimise gas exchange**
- **Baffle systems allow better stirring of the cell suspension**

DNase RNase DNase RNase


Erlenmeyer


Fernbach flasks

Corning® Closed System Suspension Culture Erlenmeyer

Corning closed systems significantly reduce the risk of contamination during production, saving handling time and increasing process productivity.

- **Delivered sterile and pre-assembled**
- **USP Class VI compliant, animal-free BSE-TSE, non-pyrogenic**
- **Ideal for inoculating bioreactors**

Cat. No.	Volume (ml)	Erlenmeyer material	Connectivity	Aseptic system	Units/ bag	Units/ box	€/ box
0011405	125	PC	Male Luer Lock	1/8 Dip Tube	1	6	**N/A -**
0011465	2000	PC	Male Luer Lock	1/4 Dip Tube	1	2	**N/A -**
00431518	2000	PC	Male MPC disconnect	1/4 Dip Tube	1	3	**N/A -**
0011501	5000	PC	Male MPC	100 mm aseptic transfer cap	1	2	**N/A -**
0011502	5000	PC	Male MPC	100 mm aseptic transfer cap	1	2	**N/A -**

Wide choice of volumes and connections, many other models available, please consult us.



All prices are indicative and exclude VAT. Visit www.dulis.nl

Nalgene™ Erlenmeyer for culture



Erlenmeyer for storing or stirring media.

- Transparent, graduated
- Individual packaging
- Flat bottom or baffled bottom for enhanced shaking
- Standard tight screw cap or filter cap (0.2 µm)
- Sterilised by gamma rays

Cat. No.	Vol. (ml)	Material (Erlen/cap)	With deflectors	Units/ bag	Units/ box	€/ box
With standard cap						
029348	125	PETG/HDPE	No	1	24	N/A -
028406	250	PETG/HDPE	No	1	12	N/A -
028407	500	PETG/HDPE	No	1	12	N/A -
028211	1000	PETG/HDPE	No	1	6	N/A -
028408	2000	PETG/HDPE	No	1	4	N/A -
029774	2800	PETG/HDPE	No	1	4	N/A -
029349	125	PETG/HDPE	Yes	1	24	N/A -
028409	250	PETG/HDPE	Yes	1	12	N/A -
028410	500	PETG/HDPE	Yes	1	12	N/A -
028212	1000	PETG/HDPE	Yes	1	6	N/A -
028411	2000	PETG/HDPE	Yes	1	4	N/A -
029775	2800	PETG/HDPE-LDPE	Yes	1	4	N/A -
With filter cap						
029674	125	PETG/HDPE	No	1	24	N/A -
029675	250	PETG/HDPE	No	1	12	N/A -
029676	500	PETG/HDPE	No	1	12	N/A -
029677	1000	PETG/HDPE	No	1	6	N/A -
029678	2000	PETG/HDPE	No	1	4	N/A -
029776	2800	PETG/LDPE	No	1	4	N/A -
029679	125	PETG/HDPE	Yes	1	24	N/A -
029680	250	PETG/HDPE	Yes	1	12	N/A -
029681	500	PETG/HDPE	Yes	1	12	N/A -
029682	1000	PETG/HDPE	Yes	1	6	N/A -
029683	2000	PETG/HDPE	Yes	1	4	N/A -
029777	2800	PETG/HDPE-LDPE	Yes	1	4	N/A -

Accessories

Blue HDPE caps with membrane filter (0.2 µm). Sterile

Cat. No.	Neck	For flasks	Units/ bag	Units/ box	€/ box
029346	38-430	125 and 250 ml	1	12	N/A -
029347	45-430	500, 1000 and 2000 ml	1	12	N/A -

SPL Erlenmeyer for culture



Clear polycarbonate bottles.

- Suspension culture of bacteria, yeast, animal or plant cells
- Preparation of media or storage
- Reusable and autoclavable
- Flat bottom
- Sterile

Cyto-toxin · Pyro-genic · DNase RNase · Human DNA

Cat.No.	Volume (ml)	Material (Erlenmeyer/cap)	With deflectors	Units/ bag	Units/ box	€/ box
Erlenmeyer with standard cap						
330100	250	PC/PP	No	1	8	N/A -
330101	500	PC/PP	No	1	8	N/A -
330102	1000	PC/PP	No	1	4	N/A -
330103	2000	PC/PP	No	1	6	N/A -
Erlenmeyer with filter cap						
330230	250	PC/PP	No	1	8	N/A -
330231	500	PC/PP	No	1	8	N/A -
330232	1000	PC/PP	No	1	4	N/A -
330104	2000	PC/PP	No	1	6	N/A -

Erlenmeyer and Fernbach flasks in polycarbonate

- 70 mm neck for easy filling and cleaning
- Fernbach shape with or without baffle

Cat. No.	Vol. (ml)	Material Erlenmeyer/cap)	With deflectors	Units/ bag	Units/ box	€/ box
Erlenmeyer flask with standard cap						
978320	2000	PC/HDPE	No	1	6	N/A -
978321	2000	PC/HDPE	Yes	1	6	N/A -
Fernbach flasks with filter cap						
978322	2000	PC/HDPE	No	1	6	N/A -
978323	2000	PC/HDPE	Yes	1	6	N/A -
978324	3000	PC/HDPE	No	1	4	N/A -
978325	3000	PC/HDPE	Yes	1	4	N/A -



Accessories

Cat. No.	Désignation	Units/ boxs	€/ box
978326	Standard cap	24	N/A -
978327	Filter caps	24	N/A -

Erlenmeyer with 2-in-1 cap

- USP Class IV compliant
- Reusable
- Autoclavable
- Sterile SAL 10^{-6}
- 2 in 1 polypropylene Leak-proof caps: standard or filter (0.22 µm when removing the overcap)
- Molded-in graduations improve volumetric accuracy

DNase RNase · DNase RNase · Human DNA

Cat.No.	Vol. (ml)	Material Erlenmeyer/cap)	With deflectors	Units/ bag	Units/ box	€/ box
355117B	125	PC/PP	No	1	24	N/A -
355121B	250	PC/PP	No	1	12	N/A -
355125B	500	PC/PP	No	1	12	N/A -
355129B	1000	PC/PP	No	1	6	N/A -
355133B	2000	PC/PP	No	1	6	N/A -
355115B	125	PC/PP	Yes	1	24	N/A -
355119B	250	PC/PP	Yes	1	12	N/A -
355123B	500	PC/PP	Yes	1	12	N/A -
355127B	1000	PC/PP	Yes	1	6	N/A -
355131B	2000	PC/PP	Yes	1	6	N/A -
355137B	3000	PC/PP	Yes	1	3	N/A -



Flat bottom



Bottom with baffle



Accessories

Filter caps with PTFE membrane 0.2 µm.

Cat. No.	For flasks Cat. No.	Units/ box	€/ box
360553	355117B,355115B,355121B,355119B	288	N/A -
360542	355123B,355125B,355129B,355133B,355131B	192	N/A -

Polycarbonate Erlenmeyer

- Filter cap with PTFE membrane 0.2 µm
- Graduated

Cat. No.	Vol. (ml)	Material Erlenmeyer/cap)	With deflectors	Sterile	Units/ bag	Units/ box	€/ box
With standard cap							
311143	1000	PC/PP	No	No	6	6	N/A -
311144	1000	PC/PP	No	Yes	6	6	N/A -
311149	2000	PC/PP	No	No	6	6	N/A -
311150	2000	PC/PP	No	Yes	6	6	N/A -
311146	1000	PC/PP	Yes	No	6	6	N/A -
311147	1000	PC/PP	Yes	Yes	6	6	N/A -
311152	2000	PC/PP	Yes	No	6	6	N/A -
311153	2000	PC/PP	Yes	Yes	6	6	N/A -
With filter cap							
311145	1000	PC/PP	No	Yes	6	6	N/A -
311151	2000	PC/PP	No	Yes	6	6	N/A -
311148	1000	PC/PP	Yes	Yes	6	6	N/A -
311154	2000	PC/PP	Yes	Yes	6	6	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Corning® Spinner



Spinner with deflectors and stirring blades for optimal aeration and mixing of the culture.

- **Ready to use, supplied with stirring paddle and magnet bar**
- **Sterile polystyrene (gamma radiation)**
- **Individual packaging**
- **Easy access for serological pipettes**

TIP



Wide choice of volumes and materials, consult us

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Cap Type	Units/ bag	Units/ box	€/ box
003152	125	63.5 x 145	PS	Standard	1	12	**N/A -**
003153	500	87.3 x 203.2	PS	Standard	1	12	**N/A -**
003561	1000	137 x 245	PS	Standard	1	6	**N/A -**
003563	3000	188 x 259	PS	Standard	1	4	**N/A -**
003578	500	63.5 x 145	PS	Filter	1	12	**N/A -**
003580	1000	137 x 245	PS	Filter	1	6	**N/A -**
003581	3000	188 x 259	PS	Filter	1	4	**N/A -**

Duran® GLS80 reactors with magnetic stirring rod





GL14 and GL18 fittings for the introduction and removal of materials during mixing, for the connection of external diameter 1.6 - 12 mm or sterile pressure compensation.

- **Much better mix than standard magnet bars**
- **The stirring rod is interchangeable and can be used at a speed of 500 rpm**
- **Maximum operating temperature of 140 °C**
- **Autoclavable**
- **Easy access for serological pipettes**

Applications

- **Mixing of liquids**
- **Dissolution of solids**
- **Simple fermentation process**

Accessories

Cat.No.	Désignation	€
091912	Helix magnet for GLS80 cap	**N/A -**
091913	Spare anchor magnet for GLS80 cap	**N/A -**
091914	Spare GLS80 cap for stirring rod	**N/A -**
091915	Spare stainless steel shaft with PEEK thread for stirring rod for GLS80 cap	**N/A -**

Cat.No.	Désignation	€
091911	Plug GLS80 with magnetic anchor stirring rod	**N/A -**
096328	Duran® 250 ml bottle with PP GLS80 blue/gray cap, 1 PP GL14 blue cap, 2 GL14 PBT red caps, 2 PBT GL18 red caps	**N/A -**
091909	Duran® 1 L bottle with PP GLS80 blue/gray cap, 1 PP GL14 blue cap, 2 GL14 PBT red caps, 2 PBT GL18 red caps	**N/A -**
091910	Duran® 2 L bottle with PP GLS80 blue/gray cap, 1 PP GL14 blue cap, 2 GL14 PBT red caps, 2 PBT GL18 red caps	**N/A -**

Duran® GL45 reactors with magnetic stirring rod



GL14 and GL18 fittings for the introduction and removal of materials during mixing, for the 1.6 - 6 mm outer diameter connection or sterile pressure compensation

- **Much better mix than standard magnet bars**
- **Can be used at a speed of 500 rpm**
- **Maximum operating temperature of 140 °C**
- **Autoclavable**

Applications

- **Mixing of liquids**
- **Dissolution of solids**

Cat. No.	Désignation	€
091982	Duran bottle® 500 ml with PP GL45 blue/gray cap, 1 PP GL14 blue cap, 2 GL14 PBT red caps	**N/A -**
091983	Duran Bottle® 1000 ml with PP GL45 blue/gray cap, 1 PP GL14 blue cap, 2 GL14 PBT red caps	**N/A -**

Accessories

Cat.No.	Désignation	€
091985	Retractable eyelet magnet for GL45 cap	**N/A -**
091984	Spare GL45 blue/grey cap with PP GL14 blue cap	**N/A -**

GLS80 wide mouth bottles with double wall

- Duran 3.3 borosilicate glass bottles with wide neck GLS80 (Ø int.: 65 mm) and double-walled
- Graduations on the inner wall
- Connectors with red screw caps GL18, PTFE coated seals
- Flat inner bottom compatible with magnetic stirring bars or the GLS80 propeller cap stirring system
- Flasks supplied with GLS80 cap, PBT GL18 connector cap and PTFE olives Ø 10 mm
- Fully autoclavable, operating temperatures: -40 °C to +120 °C
- Glass components can be used between - 196 °C and + 300 °C

Cat. No.	Volume (ml)	€
084484	500	N/A -
084485	1000	N/A -



GLS80 Caps

Cat. No.	Désignation	Units/ box	€/ box
091919	GLS80 white PSU cap with PTFE coating	1	N/A -
096116	GLS80 PP cap, vented	2	N/A -
091911	GLS 80 Cap with rod, anchor magnet, plugs	1	N/A -
096003	GLS80 PP Cap 4 outlets with winged stirring rod	1	N/A -

Magna Flex flasks

- Side arms for 500 ml to 6 l flasks
- With vented caps to promote gas exchange and eliminate cross-contamination

Cat. No.	Volume (ml)	Dimensions ø x H (mm)	Caps	Arm	€
048580	125	65 x 155	51 - 400	33 - 430	N/A -
048581	250	85 x 175	51 - 400	33 - 430	N/A -
048582	500	110 x 190	100 - 400	45 mm	N/A -
048583	1000	130 x 250	100 - 400	45 mm	N/A -
048584	3000	178 x 341	100 - 400	45 mm	N/A -
048585	6000	258 x 404	100 - 400	45 mm	N/A -



Bellco® Spinners and Stirring flasks





For the different glass spinners of the BELLCO range, please consult our specialists.

TIP



All prices are indicative and exclude VAT. Visit www.dulis.nl

Corning® Roller Bottles



- One-piece transparent construction reduces the risk of damage from accidental drops
- Sterilised by gamma irradiation and certified as pyrogen-free
- Virgin PS bottles, high density polyethylene caps
- Comply with USP Class VI requirements for plastic containers and caps

2 types of caps

- Easy Grip: optimal design for grip
- Plug Seal: hermetic sealing of gases and liquids, for closed systems

Corning® Roller Bottle, Culture treated for agitated culture

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm²)	Type of cap	Units/ bag	Units/ box	€/ box
430195	1300	102 x 152	PS	Smooth	490	Plug Seal	2	40	N/A -
430849	2200	102 x 254	PS	Smooth	850	EasyGrip	2	40	N/A -
430851	2200	102 x 254	PS	Smooth	850	EasyGrip	5	40	N/A -
431133	2200	102 x 254	PS	Smooth	850	EasyGrip	20	20	N/A -
431198	2200	102 x 254	PS	Smooth	850	EasyGrip filtering	2	40	N/A -
00431321	2200	102 x 254	PS	Smooth	850	EasyGrip	22	44	N/A -
430852	2500	117 x 271	PS	Pleated	1700	EasyGrip	2	40	N/A -
431135	2500	117 x 271	PS	Pleated	1700	EasyGrip	20	20	N/A -
00431191	2500	117 x 271	PS	Pleated	1700	EasyGrip filtering	20	20	N/A -
430699	3000	117 x 528	PS	Smooth	1750	EasyGrip	10	20	N/A -

Corning® Roller Bottle, Culture non-treated for suspension cultures

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm²)	Type of cap	Units/ bag	Units/ box	€/ box
00431644	2500	117 x 271	PS	Smooth	850	EasyGrip	1	40	N/A -

Greiner Bio-One Roller Bottles



- USP Class VI certified
- Radiation sterilisation
- Lot number and expiry date on each roller
- Seamless moulding technology / resistant, high optical quality plastic
- Safety screw cap
- High stability and optical clarity



Greiner Bio-One CELLMASTER™ treated culture, for stirring cultures

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm²)	Type of cap	Units/ bag	Units/ box	€/ box
682612	4970	122 x 500	PS	Smooth	1700	Standard	12	12	N/A -
682660	4970	122 x 500	PS	Smooth	1700	Standard	1	12	N/A -
682670	4640	122 x 500	PS	Pleated	4250	Standard	1	12	N/A -
682615	4970	122 x 500	PS	Smooth	1700	Filter	12	12	N/A -
682678	4640	122 x 500	PS	Pleated	4250	Filter	1	12	N/A -
680160	2300	116 x 276	PET	Smooth	850	Filter	1	18	N/A -
680170	2300	116 x 276	PET	Smooth	850	Filter	30	30	N/A -
680180	2300	116 x 276	PET	Smooth	850	Filter	1	18	N/A -

TUFROL™ Nunc™ Rollers

- In polystyrene
- Smooth or pleated
- Shallow and deep indents (safety and robustness)
- Designed for high volume production of animal cells
- Manual or automated use
- Non-cytotoxic, non-pyrogenic
- TUFROL™ EZ: easier handling thanks to a rounder bottom and a shoulder for easy pouring of liquids
- Sterile





TUFROL™ et TUFROL™ EZ Nunc™, culture-treated, for stirring cultures

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm²)	Cap Type	Specifications	Units/ bag	Units/ box	€/ box
TUFROL™ Rollers										
353007B	2000	117.3 x 276.9	PS	Smooth	850	Standard	-	2	20	**N/A -**
353008B	2000	117.3 x 276.9	PS	Smooth	850	Standard	-	20	20	**N/A -**
353088B*	2000	117.3 x 276.9	PS	Smooth	850	Standard	-	20	20	**N/A -**
353068B	2000	117.3 x 276.9	PS	Smooth	850	Filter	-	2	20	**N/A -**
353079B	2000	117.3 x 276.9	PS	Pleated	1450	Standard	-	20	20	**N/A -**
056781*	2000	117.3 x 276.9	PS	Pleated	1450	Standard	-	20	20	**N/A -**
353069B*	2000	117.3 x 276.9	PS	Pleated	1450	Filter	-	20	20	**N/A -**
TUFROL™ EZ Rollers										
353151B	2000	117.3 x 276.9	PS	Smooth	850	Standard	Very deep bottom	2	20	**N/A -**
353152B	2000	117.3 x 276.9	PS	Smooth	850	Standard	Very deep bottom	20	20	**N/A -**
353153B*	2000	117.3 x 276.9	PS	Smooth	850	Standard	Very deep bottom	20	20	**N/A -**
353154B	2000	117.3 x 276.9	PS	Smooth	850	Filter	Very deep bottom	2	20	**N/A -**
353160B	2000	117.3 x 276.9	PS	Smooth	850	Standard	-	2	20	**N/A -**
353161B*	2000	117.3 x 276.9	PS	Smooth	850	Standard	-	20	20	**N/A -**
353162B	2000	117.3 x 276.9	PS	Smooth	850	Filter	-	2	20	**N/A -**

* Double packaging

HDPE caps for TUFROL™ rollers

Cat. No.	Désignation	Units/ bag	Units/ box	€/ box
056782	Filter cap	250	500	**N/A -**
056783	Standard cap	250	500	**N/A -**

SPL Rollers

Culture bottles, for large volumes of suspended cells.

- Rotational cultivation system allows maximum yield with minimum reagent volume
- Prevention of gradient formation / optimum gas exchange
- High transparency plastic
- Sterile
- Black gradations

Cyto-toxin · Pyro-genic · DNase RNase



SPL Roller Bottle, non-treated Culture, for suspension cultures

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm²)	Cap Type	Units/ bag	Units/ box	€/ box
330228	2000	116.5 x 245.3	PS/HDPE	Smooth	850	Standard	2	40	**N/A -**
330229	2000	116.5 x 245.3	PS/HDPE	Smooth	850	Filter	2	40	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Other roller bottles



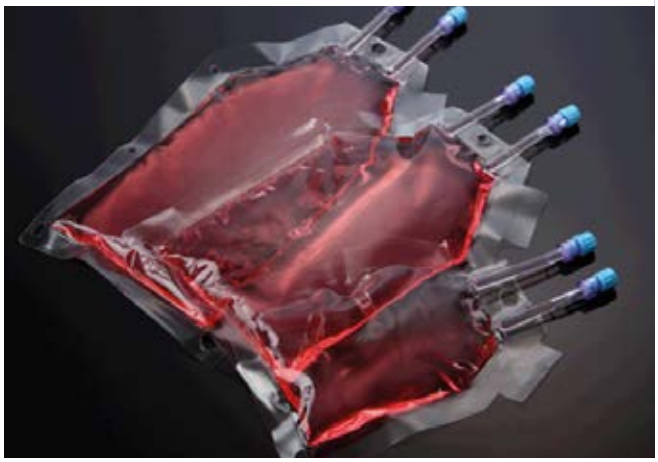
- Polyethylene cap
- Sterile
- Easy to handle
- With or without filter cap
- Black gradations

Roller Bottles, non-treated Culture, for suspension cultures

Cat. No.	Total volume (ml)	Ø x h (mm)	Material	Wall	Surface area (cm²)	Cap Type	Units/ bag	Units/ box	€/ box
978215	1000	116.5 x 176	PS	Smooth	490	Standard	1	24	**N/A -**
978216	1000	116.5 x 176	PS	Smooth	490	Filter	1	24	**N/A -**
978217	2000	116.5 x 276	PS	Smooth	850	Standard	1	12	**N/A -**
978218	2000	116.5 x 276	PS	Smooth	850	Filter	1	12	**N/A -**

Culture bags





For suspension culture bags, consult our specialists



Véronique PEYROL
veronique.peyrol@dulis.be



Romain GUEGAN
romain.guegan@dulis.be

Products for in vitro fertilisation

The consumables below are non-adherent cell plastics, specifically tested and certified as "non-embryo-toxic".

Falcon® Products for *in vitro* fertilisation

- Each batch is tested for non-cytotoxicity
- Made of crystal virgin polystyrene, pre-tested and certified
- Sterilised by gamma rays (10^{-6})
- Manufacture according to USP class VI standard
- CE marking according to the European Directive 93/42/EEC on medical devices



Falcon® IVF 4-well Culture Plates

- Numbered wells
- Large marking area
- Peelable unit packaging
- Well surface area: 1.4 cm²
- Well volume 1.8 ml
- 2-piece lid prevents contamination and evaporation
- One-piece lid for one-handed operation

Cat. No.	Ø x H (mm)	Specifications	Units/ bag	Units/ box	€/ box
353654	4	In 2 parts	1	100	N/A -
353671	4	In 1 part	1	100	N/A -

Falcon® Petri dish for IVF

Cat. No.	Ø x H (mm)	Specifications	Units/ bag	Units/ box	€ / box
353652	60 x 15	-	20	500	N/A -
For organ culture					
353653	60 x 15	Central well	20	500	N/A -
For ICSI (Intra Cytoplasmic Sperm Injection)					
353655	50 x 9	Non- treated for tissue culture	4	100	N/A -

Nunc™ Petri dishes for IVF

- Certified for IVF
- Sterile
- Non-treated surface
- CE marking:
- USP Class VI tested
- With vents



Cat. No.	Ø x H (mm)	Units/ bag	Units/ box	€/ box
056318	35 x 10	10	500	N/A -
056317	60 x 15	10	400	N/A -
056449	90 x 17	10	150	N/A -

With 3 ml central well

Cat. No.	Ø x H (mm)	Specifications	Units/ bag	Units/ box	€/ box
056727	55 x 16	Central well	1	120	N/A -



ICSI: Intra Cytoplasmic Sperm Injection

Super polished optical bottom.

Cat. No.	Ø x H (mm)	Specifications	Units/ bag	Units/ box	€/ box
056726	51 x 9	ICSI	1	120	N/A -

Nunc™ IVF culture tube

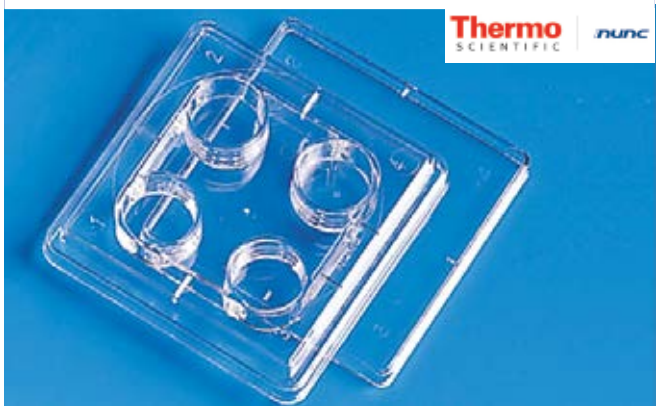


- Marking CE, directive 93/42/EEC
- Single certification, stage 1 mouse cell embryo toxicity test
- Sterile
- USP Class VI testing, batch control of all components for full traceability of the finished product

Description	11 ml tube
Cap Type	Fitting
Cap Material	PS/PP
Maximum RCF tested	6000
Bottom shape	Conical
Ext. dimension (mm)	16 x 110
Units/box	300
Cat. No.	**056423**
€/ box	**N/A -**

P: polypropylene; PS: polystyrene

Nunc™ Petri plates for IVF



- Certified for IVF
- CE marking:
- With lid
- Volume per well: 1.2 ml
- Surface area per well: 1.9 cm²

Cat. No.	Number of wells	Treatment	Units/ bag	Units/ box	€/ box
056258	4	TC	4	120	N/A -
056469	4	Non treated	4	120	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Culture holders for SPL embryos

- Made of high quality transparent polystyrene
- With lid
- Sterile, USP class VI
- MEA Embryo survival test

Cyto-toxin · Pyro-genic · DNase RNase · Human DNA



Petri dishes

Cat. No.	Ø x h (mm)	Specifications	Treatment	Units/ bag	Units/ box	€/ box
Ø 60 mm						
330093	60 x 15	Grip	TC	10	500	N/A -
330094	60 x 15	Grip	Non treated	10	500	N/A -
With Ø 20mm central well						
330091	60 x 15	Grip	TC	10	500	N/A -
330092	60 x 15	Grip	Non treated	10	500	N/A -



4-well culture plates

- Internal diameter of the wells 15.8 mm
- Well surface area: 2 cm²
- Usable capacity: 1 ml

Cat. No.	Number of wells	Treatment	Units/ bag	Units/ box	€/ box
330090	4	Non treated	120	500	N/A -
393006	4	TC	120	500	N/A -

Culture chambers

Grow, fix, stain and examine your samples under the microscope without having to transfer the cells.

Falcon® Culture chambers



- Sterile
- Polystyrene chamber glued to a soda-lime glass microscope slide (75 x 25 mm; thickness 1.2 mm)
- Acrylic adhesive, biocompatible, pressure sensitive Seal
- Hydrophobic blue edge defining the cell culture areas
- Numbered wells
- Comes with removal tool that separates the chamber from the slide

Applications

- In situ analysis (PCR, immunostaining, fluorescence)
- Tissue or tumour typing

Recommended volume depending on the surface

Number of compartments	Culture area (cm²)	Working volume (ml)/ chamber
4	1.7	0.7-1.25
8	0.7	0.3-0.5

Cat. No.	Number of compartments	Slide material	Treatment	Units/ bag	Units/ box	€/ box
354114	4	Soda-lime glass	-	12	24	N/A -
354104	4	Soda-lime glass	-	12	96	N/A -
354557	4	Soda-lime glass	Collagen I	4	12	N/A -
354559	4	Soda-lime glass	Fibronectin	4	12	N/A -
354577	4	Soda-lime glass	Poly-D-Lysine	4	12	N/A -
354118	8	Soda-lime glass	-	12	24	N/A -
354108	8	Soda-lime glass	-	12	96	N/A -
354557	8	Soda-lime glass	Collagen I	4	12	N/A -
354631	8	Soda-lime glass	Fibronectin	4	12	N/A -
354632	8	Soda-lime glass	Poly-D-Lysine	4	12	N/A -

Greiner Bio-One Culture Chambers

- Sterile
- Polystyrene chamber glued to a microscope slide with integrated borosilicate glass coverslip, class 1.0 (75 x 25 mm; thickness of central glass coverslip 175 µm)
- 2 versions: standard culture-treated borosilicate glass or Advanced TC treated borosilicate glass
- Detachable black compartment prevents signal cross-contamination and autofluorescence problems
- Compatible with high resolution microscopy techniques
- Alphanumeric marking
- Non-cytotoxic



Recommended volume depending on the surface

Number of compartments	Culture area (cm²)	Working volume (ml)/chamber
10	3.3	0.44

Cat. No.	Number of compartments	Slide material	Treatment	Units/ bag	Units/ box	€/ box
543079	10	Borosilicate glass	Standard TC	5	45	N/A -
543078	10	Borosilicate glass	Standard TC	1	20	N/A -
543979	10	Borosilicate glass	Advanced TC	5	45	N/A -
543978	10	Borosilicate glass	Advanced TC	1	20	N/A -

Nunc™ LabteK™ culture chambers

Recommended volume depending on the surface

Number of compartments	Culture area (cm²)	Working volume (ml)/ chamber
1	9.4	2.5- 4.5
2	4.2	1.2-2
4	1.8	0.5-0.9
8	0.8	0.2-0.4
16	0.4	0.1-0.2

- Polystyrene chamber glued to a microscope slide or coverslip
- Medical grade silicone seal
- Lid with handle on the side (without handle for the 16-compartment version)

On slide, separable with silicone seal

- Surface of the slide culture-treated
- 2 versions: in culture-treated soda-lime glass or Nunclon Delta culture-treated Permanox plastic
- Dimensions L x W: 75 x 25 mm, thickness: 1 mm
- Minimum fluorescence
- Glass has a higher chemical resistance to solvents, acids, bases and heat than plastic
- The chamber can be easily separated from the slide, without tools
- The silicone seal acts as a barrier between the compartments once the chamber is removed
- The 16-well version has 2 x 8 wells with the same spacing as a microplate: it also has a lateral writing area



Cat. No.	Number of compartments	Slide material	Units/ box	€/ box
055072	1	Soda-lime glass	8	N/A -
055073	2	Soda-lime glass	8	N/A -
055074	4	Soda-lime glass	8	N/A -
055075	8	Soda-lime glass	8	N/A -
055088	16	Soda-lime glass	16	N/A -
055068	1	Permanox plastic	8	N/A -
055069	2	Permanox plastic	8	N/A -
055070	4	Permanox plastic	8	N/A -
055071	8	Permanox plastic	8	N/A -

Coverslip as accessory

Cat. No.	Dim. L x W (mm)	Recommended for	Units/ box	€/ box
055089B	22 x 74	16-compartment chamber Cat. No. 055088	96	N/A -

On coverslip, separable with silicone seal

- Borosilicate glass 1.0
- Dimensions L x W: 75 x 57 mm, thickness: n°1 (0.013 - 0.017 mm)
- The chamber cannot be separated from the coverslip
- Optimal for high power inverted microscopy observations



Cat. No.	Number of compartments	Slide material	Units/ box	€/ box
055080	1	Borosilicate glass	8	N/A -
055081	2	Borosilicate glass	8	N/A -
055082	4	Borosilicate glass	8	N/A -
055083	8	Borosilicate glass	8	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Nunc™ LabteK II™ Culture chambers

On slide, separable with adhesive



- Surface of the slide culture-treated
- 2 versions: culture-treated soda-lime glass or CC² glass,chemically modified to be positively charged reproducing the properties of a poly-D-lysine coating
- Dimensions L x W: 75 x 25 mm
- Superfrost™ marking area on the soda-lime glass slide and light blue marking area on the CC² glass slide
- Minimum fluorescence
- Comes with removal tool that separates the chamber from the slide
- The biocompatible adhesive acts as a barrier between the chamber and the slide when the two are assembled; once the chamber is removed, the slide has a hydrophobic edge that isolates the wells

Cat. No.	Number of compartments	Slide material	Units/ box	€/ box
055076	1	Soda-lime glass	16	N/A -
055077	2	Soda-lime glass	16	N/A -
055078	4	Soda-lime glass	16	N/A -
055079	8	Soda-lime glass	16	N/A -
055596	1	Glass CC²	16	N/A -
055597	2	Glass CC²	16	N/A -
055598	4	Glass CC²	16	N/A -
055599	8	Glass CC²	16	N/A -

- Polystyrene chamber glued to a microscope slide or coverslip
- Biocompatible adhesive, hydrophobic edges for each compartment
- Lid with handle on top

Recommended volume depending on the surface

Number of compartments	Culture area (cm²)	Working volume (ml)/ chamber
1	8.6	2 - 4.5
2	4	4386 - 2
4	1.7	0.5 - 1
8	0.7	0.2 - 0.5

On coverslip, non-separable with adhesive



- Borosilicate glass 1.5
- Dimensions L x W: 55 x 24 mm, thickness: n°1.5 (0.016 - 0.019 mm)
- The chamber cannot be separated from the coverslip
- Optimal for high power inverted microscopy observations
- Supplied on trays suitable for incubator use and stackable

Cat. No.	Number of compartments	Slide material	Units/ box	€/ box
055084	1	Borosilicate glass	16	N/A -
055085	2	Borosilicate glass	16	N/A -
055086	4	Borosilicate glass	16	N/A -
055087	8	Borosilicate glass	16	N/A -

Merck Millipore®Millicell EZ slide



- Polystyrene chamber glued to a glass microscope slide
- The chamber can be easily separated from the slide, without tools
- Numbered wells
- Recommended volume depending on the surface

Number of compartments	Culture area (cm²)	Working volume (ml)/ chamber
4	1.7	0.5 - 1.7
8	0.7	0.2 - 0.7

Cat. No.	Number of compartments	Slide material	Units/ bag	Units/ box	€/ box
051988	4	Glass	4	16	N/A -
051989	4	Glass	16	96	N/A -
051990	8	Glass	4	16	N/A -
051991	8	Glass	16	96	N/A -

SPL culture chambers

- Sterile
- Polystyrene chamber glued to a glass microscope slide (75 x 25 mm)
- Non-cytotoxic
- Slide available in different materials:
  - glass, naturally charged, ideal growth surface for adherent cells;
  - DLux, modified plastic with minimal autofluorescence;
  - FLux, modified plastic film (188 µm) for confocal microscopy
- Alphanumeric marking
- Supplied on trays suitable for use in incubators

DNase RNase | Human DNA | DNase RNase

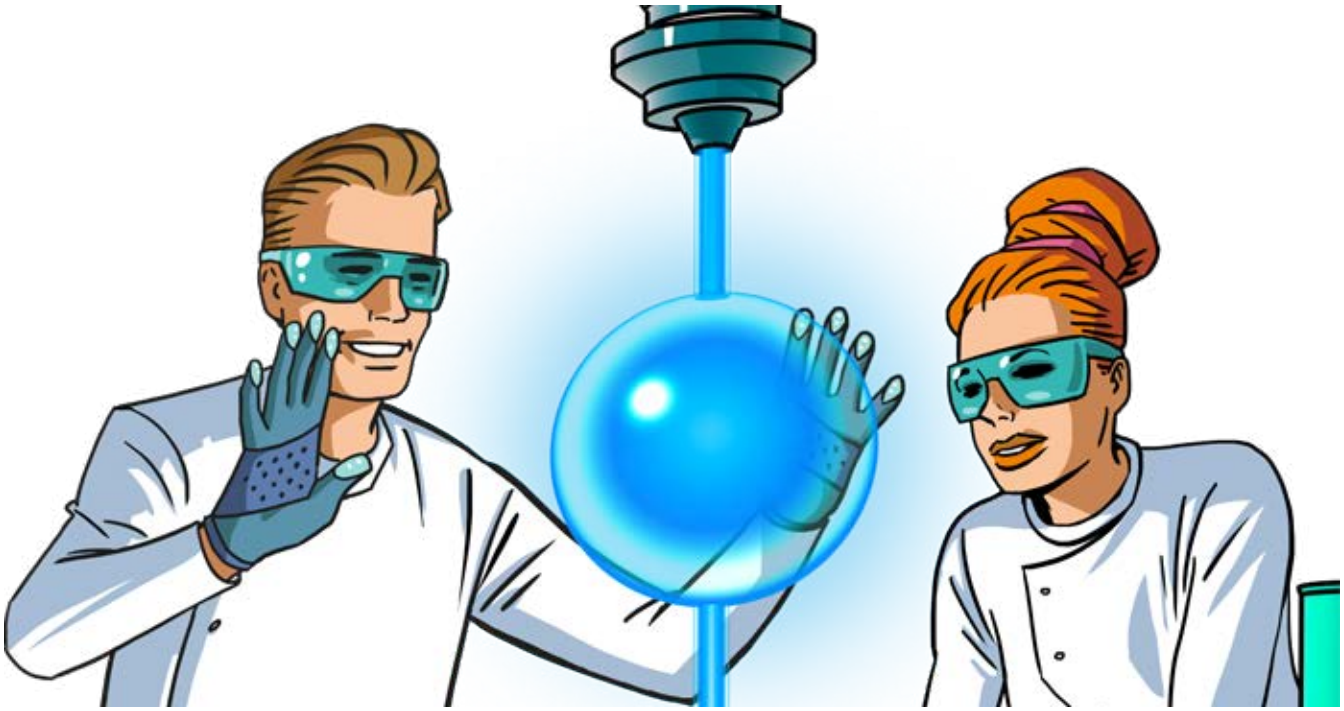




Recommended volume depending on the surface

Number of compartments	Culture area (cm^2)	Working volume (ml)/ chamber
1	9.4	2.5-5.5
2	4.55	1.2-2.5
4	2.13	0.5-1.3
8	0.98	0.2-0.6

Cat. No.	Number of compartments	Compartment Colour	Slide material	Culture-treated	Units/ bag	Units/ box	€/ box
330049	1	Transparent	Glass	No	6	12	**N/A -**
330050	1	Black	Glass	No	6	12	**N/A -**
330051	1	White	Glass	No	6	12	**N/A -**
330052	2	Transparent	Glass	No	6	12	**N/A -**
330053	2	Black	Glass	No	6	12	**N/A -**
330054	2	White	Glass	No	6	12	**N/A -**
330055	4	Transparent	Glass	No	6	12	**N/A -**
330056	4	Black	Glass	No	6	12	**N/A -**
330057	4	White	Glass	No	6	12	**N/A -**
330058	8	Transparent	Glass	No	6	12	**N/A -**
330059	8	Black	Glass	No	6	12	**N/A -**
330060	8	White	Glass	No	6	12	**N/A -**
330061	1	Transparent	DLux	Yes	6	12	**N/A -**
330063	2	Transparent	DLux	Yes	6	12	**N/A -**
330065	4	Transparent	DLux	Yes	6	12	**N/A -**
330067	8	Transparent	DLux	Yes	6	12	**N/A -**
330062	1	Transparent	FLux	Yes	6	12	**N/A -**
330064	2	Transparent	FLux	Yes	6	12	**N/A -**
330066	4	Transparent	FLux	Yes	6	12	**N/A -**
330068	8	Transparent	FLux	Yes	6	12	**N/A -**



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Culture flasks on slide

Nunc™ culture flasks on slide



Flask

- Flask attached to a Nunclon™ Delta culture-treated polystyrene slide by ultrasonic welding for long-term, leak-free incubation
- The flask can be easily detached from the slide

Recommended volume depending on the surface

Culture area (cm²)	Working volume (ml)/chamber
10	2.5- 5

Flaskette

- Flask (20 x 50 mm) fixed on a glass slide with a seal
- The flask can be detached from the slide

Recommended volume depending on the surface

Culture area (cm²)	Working volume (ml)/chamber
9	2.5- 5

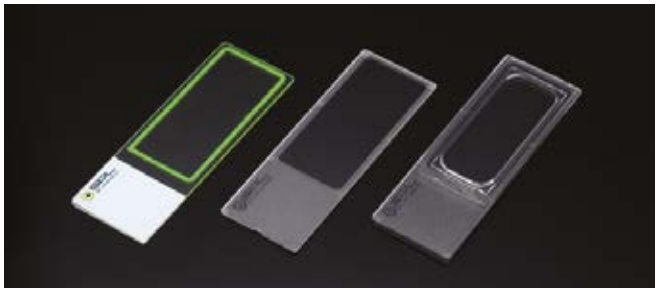
Applications

- Autoradiography
- Single-cell immunofluorescence

Cat. No.	Description	Packing units	Units/ box	€/ box
055065	Flask	5	50	N/A -
055066	Flaskette	8	16	N/A -

Hybridwell™ culture flasks on SPL slides





- Sterile
- Polystyrene chamber glued to a glass microscope slide (75 x 25 mm)
- Non-cytotoxic
- Slide available in different materials:
  - glass, naturally charged, ideal growth surface for adherent
  - DLux, modified plastic with minimal autofluorescence;
  - FLux, modified plastic film (188 µm) for confocal microscopy

DNase RNase | Human DNA | DNase RNase

Recommended volume depending on the surface

Culture area (cm²)	Working volume (ml) / chamber
9	2.5-5.5

Cat. No.	Culture-treated	Packing units	Units/ box	€/ box
330069	No	6	12	N/A -
330070	Yes	6	12	N/A -
330071	Yes	6	12	N/A -

Culture Slides and coverslips

Enjoy cell attachment and growth similar to standard cell culture products (flasks and dishes) thanks to culture-treated microscope slides.

Applications

Cell and tissue studies / Immunofluorescence and immunolabelling for cytology, histology, parasitology, bacteriology and virology / Immobilisation of DNA, nucleic acids, antibodies, proteins, and other small molecules / Protein labelling, microarrays / Hybridisation studies

Falcon®Culture Slides and coverslips

- **Treatment to increase cell adhesion**

Cat.No.	Ø (mm)	Treatment	Packing units	Units/ box	€/ box
354086	12	Poly-D-Lysine	80	80	N/A -
354087	12	Poly-D-Lysine/Laminine	80	80	N/A -
354085	12	Poly-L-Lysine	80	80	N/A -
354089	22	Collagen I	60	60	N/A -
354088	22	Fibronectin	60	60	N/A -

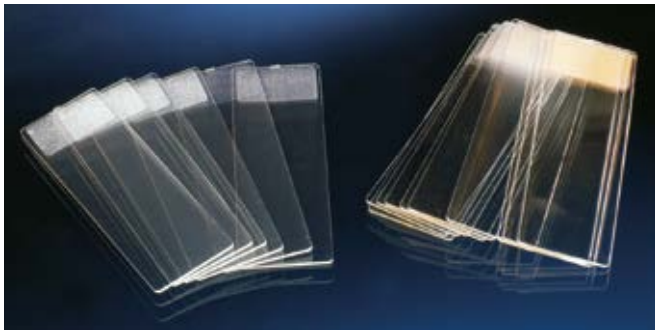


Nunc™ Culture Slides and coverslips

Culture-treated Slides

- **2 types of plastics:**
  - **Permanox: transparent plastic for minimal fluorescence**
  - **polystyrene: autofluorescence < 485 nm**

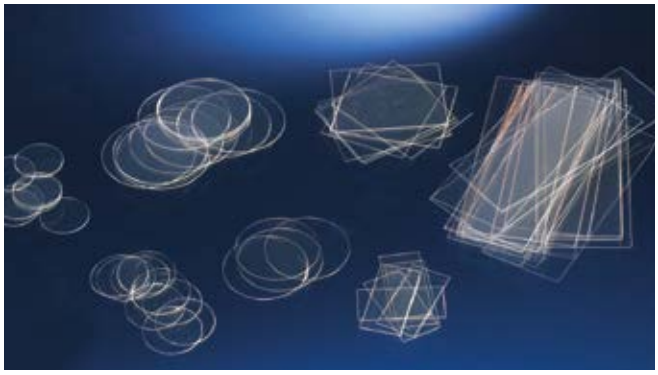
Cat.No.	Dimensions L x W(mm)	Material	Packing units	Units/ box	€/ box
055600	25 x 75	Polystyrene	20	100	N/A -
055601	25 x 75	Permanox	20	100	N/A -



Thermanox™ Culture-treated coverslips

- **Made of exclusive polyester, highly resistant to solvents (xylene, acetone, acetic acid)**
- **Very low gas permeability**
- **Autofluorescence: 380 nm to 545 nm**
- **Thickness: 0.2 mm**
- **Applications: cytostaining, mounting, coating or scintillation counting**
- **Not recommended for phase contrast microscopy or techniques involving fluorescent dyes**

Cat.No.	Ø (mm)	Recommended for	Packing units	Units/ box	€/ box
055117	13	24-well plates	50	500	N/A -
056167	15	-	50	500	N/A -
056168	22	-	50	500	N/A -
055120	25	6-well plates	50	500	N/A -



Rectangular coverslips

Cat. No.	Dimensions L x W(mm)	Recommended for	Packing units	Units/ box	€/ box
055121	10.5 x 22	8-well square culture chambers, Cat. No. 056278 and 056279; Flask on slide, Cat. No. 055054	50	500	N/A -
055122	22 x 60	4-well square culture chambers, Cat. No. 056276 and 056277	50	500	N/A -
056166	24 x 30	-	50	500	N/A -

Other culture-treated slides

- **More resistant than standard slides**
- **2 versions:**
  - **in standard crystal polystyrene**
  - **in acrylic for UV transmission**
- **Thickness: 1.1 mm**
- **Not resistant to the following chemicals: ethanol, methanol, phenol, organic acids (e.g. acetic acid), gasoline, aromatic solvents (e.g. benzene, toluene, xylene and turpentine), chlorinated hydrocarbons (e.g. methylene chloride and tetrachloromethane), ketones and others**



Cat.No.	Dimensions L x W(mm)	Material	Packing units	Units/ box	€/ box
064053	75 x 25	Polystyrene	25	150	N/A -
064054	75 x 25	Acrylic	25	150	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Falcon®15 and 50 ml centrifuge tubes





Volume (ml)	15				50	
Ø ext. (mm)	17				29.72	
Ø int. (mm)	14.66				27.81	
H. without cap (mm)	118.8				114.55	
H. with cap (mm)	120.75				115.8	
Material	Polypropylene; HDPE cap	Polypropylene; HDPE cap	Polystyrene; HDPE cap	Polystyrene; HDPE cap	Polypropylene; HDPE cap	Polypropylene; HDPE cap
Sterile	Yes				Yes	
Autoclavable	No				No	
Max. centrifugal speed (g)	12000	12000	1800	1800	16000	16000
Skirt	No				No	
Graduation	Yes (0.5 ml increments)				Yes (2.5 ml increments)	
Marking area	Yes				Yes	
Colour	Transparent				Transparent	
Operating temperature	-80 °C to +121 °C				-80 °C to +121 °C	
Specifications	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for improved cell and protein recovery	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for better cell and protein recovery. Rack with alphanumeric marking and window for viewing tube contents	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for improved cell and protein recovery	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for better cell and protein recovery. Rack with alphanumeric marking and window for viewing tube contents	. Free of Dnase, Rnase, endotoxin, non-cytotoxic Medical packaging that guarantees perfect sterility. Hydrophobic and biologically inert surface for improved cell and protein recovery	. Free of Dnase, Rnase, endotoxin, non-cytotoxic . Medical packaging that guarantees perfect sterility . Hydrophobic and biologically inert surface for improved cell and protein recovery . Rack with alphanumeric marking and window for viewing tube contents
Units/ box	10 bags of 50 tubes	10 racks of 50 tubes	10 bags of 50 tubes	10 racks of 50 tubes	20 bags of 25 tubes	20 racks of 25 tubes
Blue cap Cat. No.	**352096**	**352097**	**352095**	**352099**	**352070**	**352098**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Nunc™ 15 and 50 ml centrifuge tubes






Volume (ml)	15		50	
Ø ext. (mm)	17		30	
Height (mm)	120		115	
Material	Polypropylene		Polypropylene	
Sterile	Yes		Yes	
Autoclavable	No		No	
Max centrifugal speed (g)	10500		17000	
Skirt	No		No	
Graduation	Yes		Yes	
Marking area	Yes		Yes	
Colour	Translucent		Translucent	
Specifications	Free of Dnase, Rnase, endotoxin; non-cytotoxic; USP class VI	Free of Dnase, Rnase, endotoxin; non-cytotoxic; USP class VI; recyclable plastic holder	Free of Dnase, Rnase, endotoxin; non-cytotoxic; USP class VI	Free of Dnase, Rnase, endotoxin; non-cytotoxic; USP class VI; recyclable plastic holder
Units/ box	10 bags of 50 tubes	20 racks of 25 tubes	20 bags of 25 tubes	12 racks of 25 tubes
Blue cap Cat. No.	**056770**	**056771**	**056772**	**056773**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Corning® 15 et 50 ml centrifuge tubes

CORNING



Volume (ml)	15					
Ø (mm)	17.5					
Height (mm)	118.5					
Material	PET; HDPE cap		Polypropylene; HDPE cap			
Sterile	Yes					
Cap Type	With screw and seal	With screw and seal	With screw and seal	With screw and seal	CentriStar™	CentriStar™
Autoclavable	No					
Max. centrifugal speed (g)	3600	3600	12000	12000	12500	12500
Skirt	No					
extGraduation . (mm)	Yes (0.5ml increments between 1.5ml and 14.5ml)					
Marking area	Yes					
Colour	Translucent					
Operating temperature	-	-	-	-	-80 °C to +120 °C	-80 °C to +120 °C
Specifications	Free of Dnase, Rnase, endotoxin; non-cytotoxic; Tested 95kPa				Cap design for easy handling, easy opening and closing and perfect sealing; Free of Dnase, Rnase, endotoxin; Non-cytotoxic	
Units/ box	10 bags of 50 tubes	10 racks of 50 tubes	10 bags of 50 tubes	10 racks of 50 tubes	10 bags of 50 tubes	10 racks of 50 tubes
Orange cap Cat.No.	**430055**	**430053**	**430766**	**430052**	**430791**	**430790**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Volume (ml)	50						
Ø (mm)	29.1						
Height (mm)	114.4	114.4	114.4	114.9	114.4	114.4	115.08
Material	PET; HDPE cap	Polypropylene; HDPE cap		Polypropylene; polyethylene cap	Polypropylene; HDPE cap		Polypropylene; polyethylene cap
Sterile	Yes						
Cap Type	With screw and seal				CentriStar™		
Autoclavable	No						
Max. centrifugal speed (g)	3600	15500	15500	3000	17000	17000	3000
Skirt	No	No	No	Yes	No	No	Yes
Graduation	Yes (2.5ml increments between 5ml and 50ml)						
Marking area	Yes						
Colour	Translucent						
Operating temperature	-	-	-	-	-80 °C to +120 °C	-80 °C to +120 °C	-80 °C to +120 °C
Specifications	Free of Dnase, Rnase, endotoxin; Non-cytotoxic; Tested 95kPa				Cap design for easy handling, easy opening and closing and perfect sealing; Free of Dnase, Rnase, endotoxin; Non-cytotoxic		
Units/ box	20 racks of 25 tubes	20 bags of 25 tubes	20 racks of 25 tubes	20 bags of 25 tubes	20 bags of 25 tubes	20 racks of 25 tubes	20 bags of 25 tubes
Orange cap Cat. No.	**430304**	**430291**	**430290**	**430897**	**430829**	**430828**	**430921**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Greiner Bio-One 15 and 50 ml centrifuge tubes



Volume (ml)	15								
Ø ext. (mm)	16.95								
Ø int. (mm)	15.16								
Height without cap (mm)	119.5								
Height with cap (mm)	120.5								
Material	Polystyrene; HDPE cap		Polypropylene; HDPE cap						
Sterile	Yes								
Autoclavable	No		Yes (without cap)						
Max centrifugal speed (g)	4500		15000						
Skirt	No								
Graduation	Yes (increment 0.5)								
Marking area	Yes								
Colour	Transparent					Black			
Operating temperature	-20 °C to +60 °C		-196 °C to +121 °C						
Specifications	Free of Dnase, Rnase, human DNA, endotoxin and heavy metals; non-cytotoxic				Triple pack ideal for cleanroom applications; Free of RNase, DNase, human DNA and pyrogen; non-cytotoxic	Free of Dnase, RNase, human DNA, endotoxins and heavy metals; non-cytotoxic			
Units/ box	10 bags of 100 tubes	10 racks of 50 tubes	10 bags of 100 tubes	10 racks of 50 tubes	100 triple pack of 5 tubes	1 bag of 100 tubes	10 bags of 100 tubes	1 rack of 50 tubes	10 racks of 50 tubes
Blue cap Cat. No.	**188171**	**188161**	**188271**	**188261**	**188271TRI**	**188280A**	**188280**	**188283A**	**188283**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Volume (ml)	50								
Ø ext. (mm)	29.5								
Ø int. (mm)	27.48								
Height without cap (mm)	114.5	114.5	114.5	115.5	115.5	114.5	114.5	114.5	114.5
Height with cap (mm)	115.5	115.5	115.5	116.5	116.5	115.5	115.5	115.5	115.5
Material	Polypropylene; HDPE cap								
Sterile	Yes								
Autoclavable	Yes (without cap)	Yes (without cap)	Yes (without cap)	No	No	Yes (without cap)	Yes (without cap)	Yes (without cap)	Yes (without cap)
Max centrifugal speed (g)	17000	17000	17000	11500	11500	9000	9000	9000	9000
Skirt	No	No	No	Yes	Yes	No	No	No	No
Graduation	Yes (2.5 ml increments)								
Marking area	Yes								
Colour	Translucent					Black			
Operating temperature	-196 °C to +121 °C								
Specifications	Free of Dnase, RNase, human DNA, endotoxins; non-cytotoxic		Triple pack ideal for cleanroom applications; Free of Dnase, RNase, human DNA, endotoxins; non-cytotoxic	Free of Dnase, RNase, human DNA, endotoxins; non-cytotoxic					
Units/ box	20 bags of 25 tubes	12 racks of 25 tubes	50 triple pack of 5 tubes	18 bags of 25 tubes	12 racks of 25 tubes	1 bag of 20 tubes	25 bags of 20 tubes	Rack of 25 tubes	12 racks of 25 tubes
Blue cap Cat. No.	**227261**	**227270**	**227261TRI**	**210261**	**210270**	**227280A**	**227280**	**227283A**	**227283**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

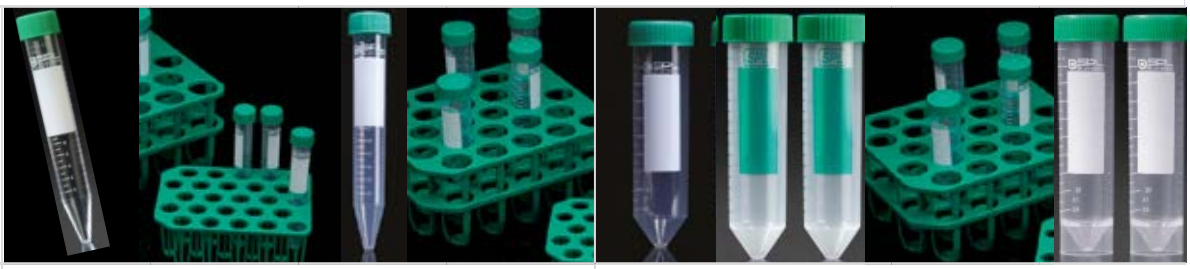
ClearLine®15 et 50 ml centrifuge tubes

ClearLine



Volume (ml)	15			50			
Ø ext. (mm)	17			30			
Height (mm)	120			115			
Material	Polypropylene			Polypropylene			
Sterile	Yes	No	Yes	Yes	Yes	No	Yes
Autoclavable	Yes			Yes			
Max centrifugal speed (g)	12000			12000			
Skirt	No			No	No	No	Yes
Graduation	Yes (0.5 ml increments)			Yes (2.5 ml increments)			
Marking area	Yes			Yes			
Colour	Transparent			Transparent			
Operating temperature	-80 °C to +121 °C			-80 °C to +121 °C			
Specifications	Free of DNase and RNase, endotoxins <0.05EU/ml; leak test performed on each tube; low protein retention	Free of DNase and RNase, endotoxin <0.05EU/ml; leak test performed on each tube; low protein retention; resealable bag		Free of DNase and RNase, endotoxin <0.05EU/ml; leak test performed on each tube; low protein retention; resealable bag	Free of DNase and RNase, endotoxin <0.05EU/ml; leak test performed on each tube; low protein retention	Free of DNase and RNase, endotoxin <0.05EU/ml; leak test performed on each tube; low protein retention; resealable bag	
Units/ box	20 racks of 25	20 bags of 25	20 bags of 25	20 bags of 25	20 racks of 25	20 bags of 25	20 bags of 25
Green cap Cat. No.	**131038C**	**131040C**	**131042C**	**131032C**	**131135C**	**131034C**	**131036C**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

SPL 15 and 50 ml centrifuge tubes



Volume (ml)	15				50			
Ø (mm)	16.9				30			
Height (mm)	119.2				115			116
Material	Polystyrene; HDPE cap	Polystyrene; HDPE cap	Polypropylene; HDPE cap	Polypropylene; HDPE cap	Polypropylene; HDPE cap			
Sterile	Yes				Yes			
Autoclavable	No				No			
Max centrifugal speed (g)	3000	3000	13000	13000	14000	20000	14000	14000
Skirt	No				No	No	No	Yes
Graduation	Yes				Yes			
Marking area	Yes				Yes			
Colour	Translucent				Translucent			
Specifications	Free of DNase and RNase, DNA, and endotoxin; non-cytotoxic							
Units/ box	10 bags of 50 tubes	20 racks of 25 tubes	10 bags of 50 tubes	20 racks of 25 tubes	20 bags of 25 tubes	10 bags of 10 tubes	12 racks of 25 tubes	20 bags of 25 tubes
Green cap Cat. No.	**330110**	**330115**	**330109**	**330114**	**330111**	**330113**	**330116**	**330112**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



TIP

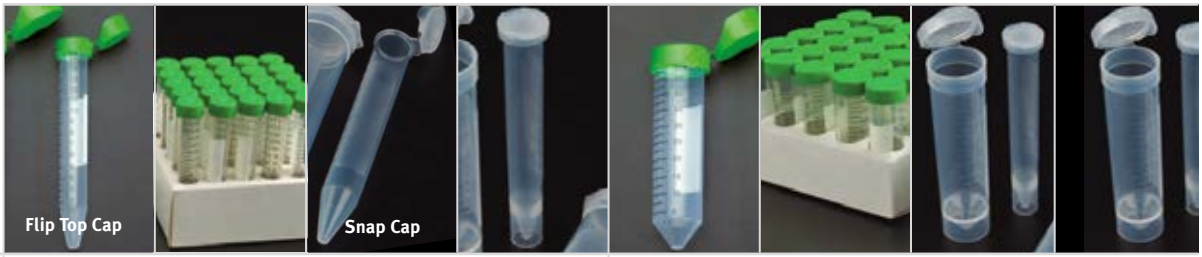
Find the rest of our range of centrifuge tubes in our 'Tubes and racks' section

All prices are indicative and exclude VAT. Visit www.dulis.nl

Other 15 and 50 ml centrifuge tubes



Volume (ml)	15				50				
Ø (mm)	17				30				
Height(mm)	120				115				
Material	Polypropylene; polyethylene cap				Polypropylene; polyethylene cap				
Sterile	Yes				Yes	Yes	Yes	Yes	No
Autoclavable	Yes without cap				Yes without cap				
Max centrifugal speed (g)	12000				16000				
Skirt	No				No				
Graduation	Yes				Yes				
Marking area	Yes and possibility of marking on the cap				Yes and possibility of marking on the cap				
Colour	Translucent				Translucent				
Operating temperature	- 80 °C to +120 °C				- 80 °C to +120 °C				
Specifications	Free of DNase and RNase, DNA, and endotoxin; non-cytotoxic								
Units/ box	20 bags of 25 tubes	12 polypropyl-ene racks of 25 tubes	6 polystyrene racks of 50 tubes	12 cardboard racks of 25 tubes	12 polypropyl-ene racks of 25 tubes	20 resealable bags of 25 tubes	12 polystyrene racks of 25 tubes	12 cardboard racks of 25 tubes	12 cardboard racks of 25 tubes
Green cap Cat. No.	**978521**	**978500**	**978495**	**978497**	**978502**	**978522**	**978496**	**978498**	**978499**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

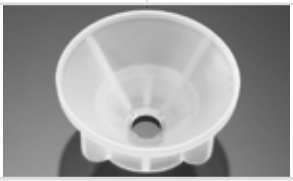


Volume (ml)	15				50			
Ø (mm)	17				30			
Height (mm)	120				115			
Material	Polypropylene; polyethylene cap				Polypropylene; polyethylene cap			
Sterile	Yes				Yes			
Type of cap	Screw-cap; Flip top, polyethylene with integrated seal		Snap		Screw-cap; Flip top, polyethylene with integrated seal		Snap	
Autoclavable	Yes without cap	Yes without cap	Yes	Yes	Yes without cap	Yes without cap	Yes	Yes
Max centrifugal speed (g)	9400	9400	5500	1000	9400	9400	5500	1000
Skirt	No	No	No	Yes	No	No	No	Yes
Graduation	Yes, printed with +/- 2% accuracy; moulded into the conical bottom	Yes printed; accu-racy +/- 2%	Yes moulded; 0.5 ml increments	Yes moulded; 0.5 ml increments	Yes, printed with +/- 2% accuracy; moulded into the conical bottom	Yes, printed with +/- 2% accuracy; moulded into the conical bottom	Moulded graduations; 2.5 ml incre-ments	Moulded graduations; 2.5 ml incre-ments
Marking area	Yes				Yes			
Colour	Translucent				Translucent			
Specifications	Ergonomic cap designed for one-handed use; moulded-in gradua-tions in the bottom of the tube are ideal for viewing the pellet or identifying small volumes	Ergonomic cap designed for one-handed operation	Free of DNase, RNase and endo-toxin	Free of DNase, RNase and endo-toxin	Ergonomic cap designed for one-handed operation; moulded-in graduations in the bottom of the tube are ideal for viewing the pellet or identifying small volumes		Free of DNase, RNase and endo-toxin	Free of DNase, RNase and endo-toxin
Units/ box	20 racks of 25 tubes	20 bags of 25 tubes	10 bags of 50 tubes	10 bags of 50 tubes	20 racks of 25 tubes	20 bags of 25 tubes	10 bags of 25 tubes	10 bags of 25 tubes
Natural cap Cat. No.	**978492**	**978493**	**-**	**-**	**978383**	**978384**	**-**	**-**
€/box	**N/A -**	**N/A -**	**-**	**-**	**N/A -**	**N/A -**	**-**	**-**
Green cap Cat. No.	**-**	**-**	**978449**	**978450**	**-**	**-**	**978451**	**978452**
€/box	**-**	**-**	**N/A -**	**N/A -**	**-**	**-**	**N/A -**	**N/A -**

Falcon®Large volume centrifuge tubes




Volume (ml)	175	225
Ø (mm)	60.71	
Height without cap (mm)	118.11	137.16
Height with cap (mm)	120.35	139.4
Material	Polypropylene; HDPE cap	
Sterile	Yes	
Bottom	Conical	
Autoclavable	No	
Max centrifugal speed (g)	7500	
Graduation	Yes (10 ml increments)	
Marking area	No	
Operating temperature	-196 °C to +121 °C	
Specifications	Hydrophobic and biologically inert surface	
Units/box	6 bags of 8 bottles	6 bags of 8 bottles
Blue cap Cat. No.	**352076**	**352075**
€/box	**N/A -**	**N/A -**



Centrifuge adapter Cat. No.	**352090**
Units/box	8 adapters
€/box	**N/A -**

Corning®Large volume centrifuge tubes




Volume (ml)	250	500
Ø (mm)	59.69	-
Height (mm)	161	-
Material	Polypropylene; polyethylene cap	
Sterile	Yes	
Bottom	Conical	
Autoclavable	No	
Max centrifugal speed (g)	6000	
Graduation	Yes	
Marking area	No	
Operating temperature	-196 °C to +121 °C	
Specifications	Endotoxin free	
Units/box	17 bags of 6 bottles	6 bags of 6 bottles
Orange cap Cat. No.	**430776**	**431123**
€/box	**N/A -**	**N/A -**



For flasks of	250 ml	500 ml
Centrifuge adapter Cat. No.	**430236**	**431124**
Units/box	Bag of 6 adapters	Bag of 6 adapters
€/box	**N/A -**	**N/A -**

Corning®Large volume centrifuge tubes






Volume (ml)	250				500			
Ø (mm)	60	60	62	62	68	68	69	69
Height (mm)	130	128	131	129	168	167	170	169
Material	Polypropylene	Polypropylene	Polycarbonate; polypropylene cap	Polycarbonate; polypropylene cap	Polypropylene	Polypropylene	Polycarbonate; polypropylene cap	Polycarbonate; polypropylene cap
Sterile	Yes							
Type of cap	With seal	Standard	With seal	Standard	With seal	Standard	With seal	Standard
Bottom	Flat							
Autoclavable	Yes							
Max centrifugal speed (g)	13500	8250	13500	8250	13500	8250	13500	8250
Graduation	Yes							
Marking area	No							
Units/box	9 bags of 4 bottles	9 bags of 4 bottles	9 bags of 4 bottles	9 bags of 4 bottles	6 bags of 4 bottles	6 bags of 4 bottles	6 bags of 4 bottles	6 bags of 4 bottles
Orange cap Cat. No.	**00431840**	**00431841**	**00431842**	**00431843**	**00431844**	**00431845**	**00431846**	**00431847**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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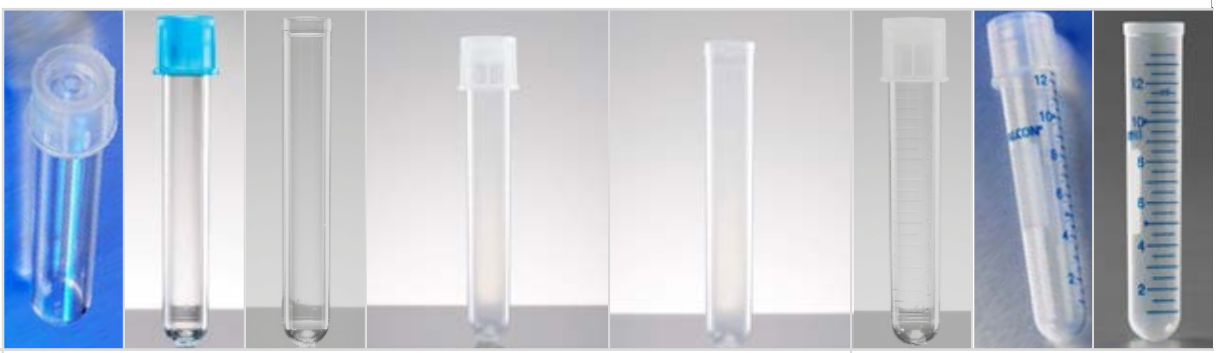
CENTRIFUGE TUBES / CULTURE TUBES WITH DUAL POSITION CAP

Nunc™ large volume centrifuge tube



Volume (ml)	250
Ø (mm)	59.7
Height (mm)	144.2
Material	Polypropylene; polyethylene cap
Sterile	Yes
Bottom	Conical
Autoclavable	Yes
Max centrifugal speed (g)	10000
Graduation	No
Marking area	No
Specifications	Free of DNase, RNase and endotoxin; USP Class VI compliant
Units/box	10 bags of 40 tubes
Blue cap Cat. No.	**056886**
€/box	**N/A -**

Falcon®Culture tubes with dual position cap



Volume (ml)	5							14		
Ø ext. (mm)	12.4	12.4	12.4	12.4	12.4	12.4	12.4	17.6	17.6	17.6
Ø int. (mm)	10.72	10.72	10.72	10.72	10.62	10.62	10.62	15.77	15.77	15.77
Height without cap (mm)	75.54	75.54	75.54	75.54	73.79	73.79	73.79	95.58	94.82	94.82
Height with cap (mm)	76.22	76.22	-	-	74.54	-	-	96.09	96.09	-
Material	Polystyrene; LDPE cap	Polystyrene; LDPE cap	Polystyrene	Polystyrene	Polypropylene; LDPE cap	Polypropylene	Polypropylene	Polystyrene; LDPE cap	Polypropylene; LDPE cap	Polypropylene
Sterile	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes
Bottom	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded
Caps	Yes	Yes	No	No	Yes	No	No	Yes	Yes	No
Type of cap	Snap; Dual position	Snap; Dual position with 35 µm sieve	-	-	Snap; Dual position	-	-	Snap; Dual position	Snap; Dual position	-
Autoclavable	No	No	No	No	No	No	No	No	No	No
Max centrifugal speed (g)	1400	1400	1400	1400	3000	3000	3000	1400	3000	3000
Graduation	No	No	No	No	No	No	No	Yes; moulded	Yes; screen printed	Yes; screen printed
Marking area	No	No	No	No	No	No	No	No	Yes	Yes
Colour	Transparent	Transparent	Transparent	Transparent	Translucent	Translucent	Translucent	Transparent	Translucent	Translucent
Operating temperature	+4 °C to +60 °C	+4 °C to +60 °C	+4 °C to +60 °C	+4 °C to +60 °C	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	+4 °C to +60 °C	-80 °C to +121 °C	-80 °C to +121 °C
Specifications	Free of DNase, RNase and endotoxin <0.1EU/ml; Hydrophobic and biologically inert surface			Free of DNase, RNase; Hydrophobic and biologically inert surface	Free of DNase, RNase and endotoxin <0.1EU/ml; Hydrophobic and biologically inert surface		Free of DNase, RNase; Hydrophobic and biologically inert surface	Free of DNase, RNase and endotoxin <0.1EU/ml; Hydrophobic and biologically inert surface		
Cat. No.	**352003**	-	-	-	-	-	-	**352001**	**352006**	-
Units/box	500 individually wrapped tubes									
€/box	**N/A -**	-	-	-	-	-	-	**N/A -**	**N/A -**	-
Cat. No.	**352054**	-	**352052**	-	-	**352053**	-	**352051**	-	**352018**
Units/box	8 bags of 125 tubes									
€/box	**N/A -**	-	**N/A -**	-	-	**N/A -**	-	**N/A -**	-	**N/A -**
Cat. No.	**352058**	**352235**	-	-	**352063**	-	-	**352057**	**352059**	-
Units/box	20 blister of 25 tubes									
€/box	**N/A -**	**N/A -**	-	-	**N/A -**	-	-	**N/A -**	**N/A -**	-
Cat. No.	-	-	-	**352008**	-	-	**352002**	-	-	-
Units/box	Bag of 1000 tubes									
€/box	-	-	-	**N/A -**	-	-	**N/A -**	-	-	-

Dual position snap plug

Cat. No.	**352032**
Units/box	2000
€/box	**N/A -**



CULTURE TUBES WITH DUAL POSITION CAP

Greiner Bio-One culture tubes with dual position cap








Volume (ml)	4.5		5	12	14		
Ø ext. (mm)	12.4	12.4	12	17	18	18	18
Ø int. (mm)	10	10	10	15	15	15	15
Height (mm)	75	75	75	76	95	95	95
Material	Polystyrene; HDPE cap		Polypropylene; LDPE cap	Polypropylene; LDPE cap	Polystyrene; HDPE cap		Polypropylene; LDPE cap
Sterile	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Bottom	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded
Caps	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cap Type	Dual position snap						
Autoclavable	No	No	Yes (without cap)	No	No	No	Yes (without cap)
Max centrifugal speed (g)	5000	5000	34000	34000	5500	5500	34000
Graduation	No	No	Yes (1 ml increments)	Yes (1 ml to 10 ml increments)	No	No	Yes (1 ml increments)
Marking area	No	No	No	No	No	No	Yes
Colour	Translucent	Translucent	Translucent	Translucent	Transparent	Transparent	Translucent
Operating temperature	- 20 °C to +60 °C	- 20 °C to +60 °C	-196 °C to +121 °C	- 196 °C to +121 °C	- 20 °C to +60 °C	- 20 °C to +60 °C	-196 °C to +121 °C
Specifications	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic	Culture-treated; Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic	Free of DNase et RNase, ADN humain and pyrogen; Non-cytotoxic	Culture-treated; Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic
Cat. No.	**120161**	**120160**	**115261**	**184261**	**-**	**-**	**187261**
Units/box	1000 individually wrapped tubes						
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**	**-**	**N/A -**
Cat. No.	**-**	**-**	**-**	**-**	**191160**	**191161**	**-**
Units/box	750 individually wrapped tubes						
€/box	**-**	**-**	**-**	**-**	**N/A -**	**N/A -**	**-**
Cat. No.	**120180**	**120190**	**115262**	**-**	**-**	**-**	**-**
Units/box	80 bags of 25 tubes						
€/box	**N/A -**	**N/A -**	**N/A -**	**-**	**-**	**-**	**-**
Cat. No.	**-**	**-**	**-**	**-**	**-**	**191180**	**187262**
Units/box	40 bags of 25 tubes						
€/box	**-**	**-**	**-**	**-**	**-**	**N/A -**	**N/A -**

Nunc™ Culture tube with dual position cap

Volume (ml)	7
Ø (mm)	14
Height (mm)	100
Material	Polystyrene; polyethylene cap
Sterile	Yes
Bottom	Rounded
Cap Type	Snap; Dual position
Autoclavable	No
Max centrifugal speed (g)	-
Graduation	No
Marking area	No
Operating temperature	-
Specifications	Nunclon Delta® treatment
Cat. No.	**055053**
Units/box	6 bags of 100 tubes
€/box	**N/A -**



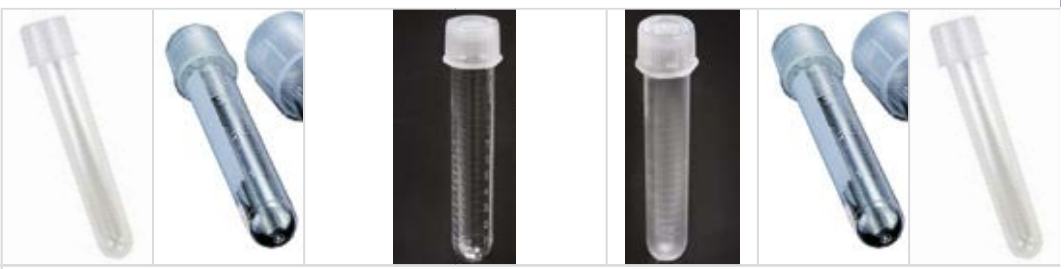
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Simport®Culture tubes with dual position cap



Volume (ml)	5		14	
Ø (mm)	12		17	
Height (mm)	75		95	
Material	Polystyrene	Polypropylene	Polystyrene	Polypropylene
Sterile	Yes		Yes	
Bottom	Rounded		Rounded	
Cap Type	Snap; dual position		Snap; dual position	
Autoclavable	No		No	
Max centrifugal speed (g)	1400	3000	1400	3000
Graduation	Yes		Yes	
Marking area	Yes		Yes	
Operating temperature	+ 20 °C to +70 °C	-190 °C to +121 °C	+ 20 °C to +70 °C	-190 °C to +121 °C
Cat. No.	**039219**	**039225**	**039222**	**039228**
Units/box	500 individually wrapped tubes			
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No.	**039220**	**039226**	**-**	**-**
Units/box	20 peelable trays of 25 tubes			
€/box	**N/A -**	**N/A -**	**-**	**-**
Cat. No.	**039221**	**-**	**039224**	**-**
Units/box	8 peelable trays of 125 tubes			
€/box	**N/A -**	**-**	**N/A -**	**-**
Cat. No.	**040760**	**040762**	**040763**	**040765**
Units/box	20 bags of 25 tubes			
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No.	**040761**	**-**	**040764**	**-**
Units/box	8 bags of 125 tubes			
€/box	**N/A -**	**-**	**N/A -**	**-**

Other culture tubes with dual position snap cap



Volume (ml)	5						
Ø (mm)	12						
Height (mm)	75						
Material	Polystyrene	Polystyrene; PE cap	Polystyrene; LDPE cap	Polystyrene; LDPE cap	Polypropylene; LDPE cap	Polypropylene	Polypropylene; PE cap
Sterile	Yes	Yes	Yes; irradiation	Yes; ethylene oxide	Yes; ethylene oxide	Yes	Yes
Bottom	Rounded						
Cap Type	Dual position snap	Dual position snap	Dual position snap	Dual position snap	Dual position snap	Dual position snap	Dual position snap
Autoclavable	No	No	No	No	No	No	No
Max centrifugal speed (g)	8200	2000	1400	1400	3000	-	4000
Graduation	No	Yes	Yes	Yes	Yes	No	Yes
Marking area	No	Yes	No	No	No	No	Yes
Operating temperature	-	0 °C to 70 °C	-	-	-	-	-190 °C to +120 °C
Specifications	-	RNase and DNase free	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic			-	RNase and DNase free
Cat. No.	**064297**	**-**	**330123**	**330124**	**330125**	**064110**	**-**
Units/box	20 bags of 25 tubes						
€/box	**N/A -**	**-**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**
Cat. No.	**064298**	**-**	**-**	**-**	**-**	**064299**	**-**
Units/box	500 individually wrapped tubes						
€/box	**N/A -**	**-**	**-**	**-**	**-**	**N/A -**	**-**
Cat. No.	**-**	**062991**	**-**	**-**	**-**	**-**	**062989**
Units/box	40 bags of 25 tubes						
€/box	**-**	**N/A -**	**-**	**-**	**-**	**-**	**N/A -**
Cat. No.	**-**	**062992**	**-**	**-**	**-**	**-**	**062990**
Units/box	8 bags of 125 tubes						
€/box	**-**	**N/A -**	**-**	**-**	**-**	**-**	**N/A -**

Other culture tubes with dual position snap cap (continued)







Volume (ml)	7			8		14		16	
Ø (mm)	17			13		17		17	
Height (mm)	95.4			100		100		100	
Material	Polystyrene; LDPE cap	Polystyrene; LDPE cap	Polypropylene; LDPE cap	Polystyrene	Polypropylene	Polypropylene Polyethylene cap	Polystyrene Polyethylene cap	Polystyrene	Polypropylene
Sterile	Yes; ethylene oxide	Yes; irradiation	Yes; ethylene oxide	Yes	Yes	Yes	Yes	Yes	Yes
Bottom	Rounded								
Cap Type	Snap; Dual position								
Autoclavable	No								
Max. centrifugal speed (g)	1400	1400	3000	8200	10000	2000	4000	8200	10000
Graduation	Yes	Yes	Yes	No	No	Yes	Yes	No	No
Marking area	No	No	No	No	No	Yes	Yes	No	No
Operating temperature	-	-	-	-	-	0 °C to 70 °C	-190 °C to +120 °C	-	-
Specifications	Free of RNase, DNase, human DNA and pyrogen; Non-cytotoxic			-	-	RNase, Dnase free		-	-
Cat. No.	**330127**	**330128**	**330129**	**064300**	**064301**	**-**	**-**	**064306**	**064308**
Units/box	20 bags of 25 tubes								
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**	**-**	**N/A -**	**N/A -**
Cat. No.	**-**	**-**	**-**	**-**	**-**	**062994**	**062996**	**064307**	**064309**
Units/box	500 individually wrapped tubes								
€/box	**-**	**-**	**-**	**-**	**-**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No.	**-**	**-**	**-**	**-**	**-**	**062993**	**062995**	**-**	**-**
Units/box	40 bags of 25 tubes								
€/box	**-**	**-**	**-**	**-**	**-**	**N/A -**	**N/A -**	**-**	**-**

Other culture tubes without cap

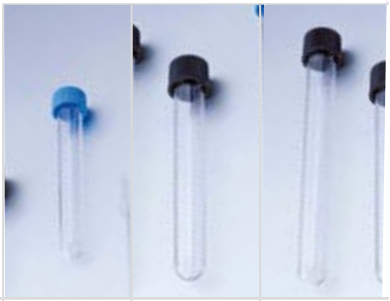


Volume (ml)	4	5		16		21
Ø (mm)	10	12	12	17	17	16
Height (mm)	75	75	75	100	100	150
Material	Polystyrene	Polystyrene	Polypropylene	Polystyrene	Polystyrene	Polystyrene
Sterile	Yes					
Bottom	Rounded					
Autoclavable	No					
Max centrifugal speed (g)	8200	8200	10000	8200	8200	8200
Graduation	No					
Marking area	No					
Cat. No.	**064295**	**064296**	**064196**	**064304**	**064305**	**064308**
Units/box	20 bags of 25 tubes					
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

SCREW CAP CULTURE TUBES/ CULTURE TUBES WITH SCREW CAP

Falcon®Screw cap culture tubes



Volume (ml)	8	16	19
Ø ext. (mm)	13.08	15.39	15.39
Ø int. (mm)	11.17	13.87	13.87
Height without cap (mm)	100	123.16	152.53
Height with cap (mm)	104.67	125.27	154.63
Material	Polystyrene; HDPE cap		
Sterile	Yes		
Caps	Yes		
Bottom	Rounded		
Autoclavable	No		
Max centrifugal speed (g)	1400		
Graduation	No		
Marking area	No		
Colour	Transparent		
Operating temperature	+4 °C to +60 °C		
Specifications	Free of DNase, RNase and endotoxin <0.1EU/ml; Hydrophobic and biologically inert surface		
Cat. No.	-	**352037**	**352045**
Units/box	500 individually wrapped tubes		
€/box	-	**N/A -**	**N/A -**
Cat. No.	**352027**	**352025**	-
Units/box	8 bags of 125 tubes		
€/box	**N/A -**	**N/A -**	-

Culture tubes with dual position screw cap



Volume (ml)	5		14	
Ø ext. (mm)	12		17	
Height (mm)	75		100	
Material	Polypropylene; polyethylene cap			
Sterile	Yes	No	Yes	No
Bottom	Rounded			
Caps	Yes			
Cap Type	With dual position screw			
Type of neck	External screw			
Autoclavable	No			
Max centrifugal speed (g)	4000			
Skirt	No			
Graduation	Yes	No	Yes	No
Marking area	Yes			
Colour	Translucent			
Operating temperature	-190 °C to +120 °C			
Cat. No.	**062997**	-	**162604**	-
Units/box	20 bags of 25 tubes			
€/box	**N/A -**	-	**N/A -**	-
Cat. No.	**062998**	**162601**	**162605**	**162609**
Units/box	1000 tubes and 1000 caps individually packed			
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No.	**062999**	-	**162606**	-
Units/box	500 individually wrapped tubes			
€/box	**N/A -**	-	**N/A -**	-

Corning® Screw cap culture tubes



Volume (ml)	15	
Ø (mm)	16	
Height (mm)	125	
Material	Polystyrene	
Sterile	Yes	
Bottom	Rounded	
Autoclavable	No	
Max centrifugal speed (g)	1400	
Graduation	No	
Marking area	No	
Specifications	Endotoxin free	Endotoxin free; Culture-treated
Units/box	20 bags of 25 tubes	10 racks of 25 tubes
Cat. No.	**430157**	**430172**
€/box	**N/A -**	**N/A -**

Greiner Bio-One screw cap culture tubes





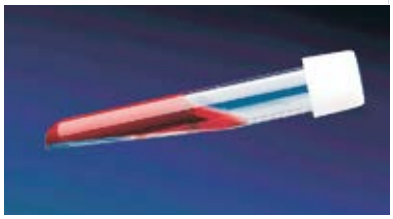
Volume (ml)	12	
Ø ext. (mm)	17	16.8
Ø int. (mm)	15.3	
Height (mm)	100	
Material	Polystyrene; HDPE cap	
Sterile	Yes	
Bottom	Rounded	Conical
Autoclavable	No	
Max centrifugal speed (g)	5000	5000
Skirted	No	Yes
Graduation	No	
Marking area	No	
Operating temperature	- 20 °C to +60 °C	
Specifications	Free of DNase, Rnase, human DNA and endotoxin; Culture-treated	
Units/box	200 bags of 5 tubes	
Cat. No.	**163160**	**164160**
€/box	**N/A -**	**N/A -**

Nunc™ screw cap culture tube



Volume (ml)	7
Ø (mm)	14
Height (mm)	100
Material	Polystyrene; polyethylene cap
Sterile	Yes
Bottom	Rounded
Autoclavable	No
Max centrifugal speed (g)	-
Graduation	No
Marking area	No
Operating temperature	-
Specifications	Nunclon Delta® treatment
Units/box	6 bags of 100 tubes
Cat. No.	**055052**
€/box	**N/A -**

Nunc™ Special culture tube



Volume (ml)	3
Ø (mm)	16
Height (mm)	110
Material	Polystyrene; polyethylene cap
Sterile	Yes
Bottom	Rounded
Autoclavable	No
Graduation	No
Marking area	No
Specifications	Flat surface of 5.5cm²; Nunclon Delta® culture-treated
Units/box	6 bags of 75 tubes
Cat. No.	**055054**
€/box	**N/A -**

Other screw cap culture tubes



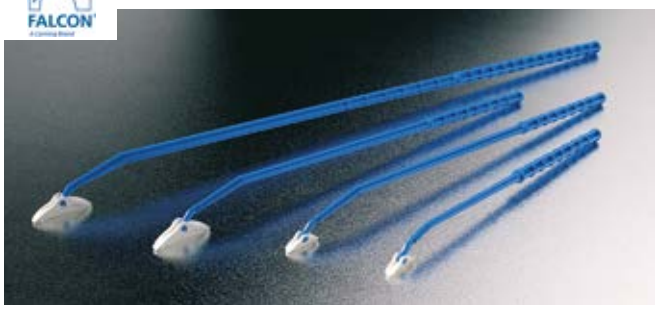
Volume (ml)	8	19	21
Ø (mm)	13	16	16
Height (mm)	100	125	150
Material	Polystyrene	Polystyrene	Polypropylene
Sterile	Yes		
Bottom	Rounded		
Cap Type	Screw		
Autoclavable	No		
Graduation	No		
Marking area	No		
Cat. No.	**064302**	**064310**	**064313**
Units/box	20 bags of 25 tubes		
€/box	**N/A -**	**N/A -**	**N/A -**
Cat. No.	**064303**	**064311**	**-**
Units/box	500 individually wrapped tubes		
€/box	**N/A -**	**N/A -**	**-**

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CELL SCRAPERS

Scrapers

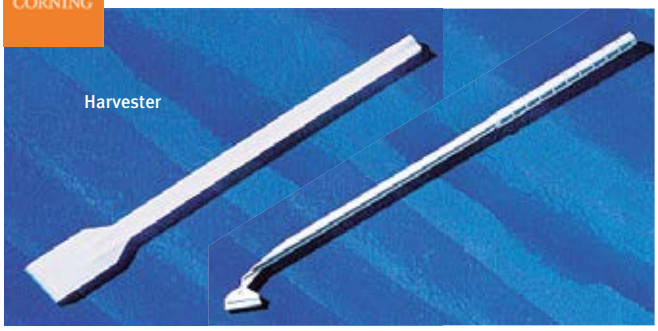
Falcon®Cell scrapers



- Polypropylene handle and TPE blade
- Swivel blade allowing the force to be distributed over the entire blade.
- Delivered in individual blister

Cat. No.	Handle length (cm)	Blade length (mm)	Packaging unit	Units/ box	€/ box
353085	18	18	1	100	N/A -
353086	25	18	1	100	N/A -
353089	25	30	1	100	N/A -
353087	40	30	1	100	N/A -

Corning®Cell scrapers



- Blade design minimizes cell damage and ensures even contact with the growth surface
- Individual sterile packaging

Cat.No.	Handle length (cm)	Blade length (mm)	Type	Units/ box	€/ box
003008	18	19	One part	100	N/A -
003010	25	18	Swivel blade	100	N/A -
003011	39	30	Swivel blade	100	N/A -

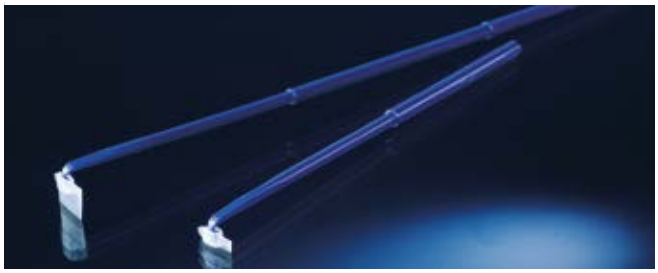
Greiner Bio-One cell scrapers



- Polystyrene handle and high density polyethylene blade, 60° pivot angle
- Sterile, peelable or tearable individual packaging
- Free of heavy metals

Cat. No.	Handle length (cm)	Blade length (mm)	Packaging unit	Units/ box	€/ box
541070	28	18	1	100	N/A -
541080	40	18	1	100	N/A -

Nunc™ cell scrapers



- HIPS handle and low density polyethylene blade
- Swivel blade
- Individual sterile packaging

Cat. No.	Handle length (cm)	Blade length (mm)	Packaging unit	Units/ box	€/ box
055535	23	15	1	250	N/A -
055536	32	17	1	250	N/A -

ClearLine®Cell scrapers



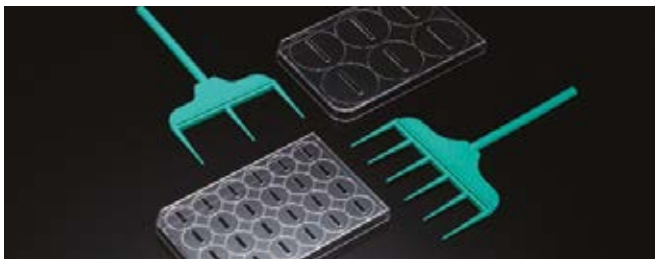
- Individual sterile packaging
- ABS handle and TPE blade

Cat. No.	Handle length (cm)	Blade length (mm)	Packaging unit	Units/ box	€/ box
131054C	25	20	1	100	N/A -
131056C	39	30	1	100	N/A -

SPLScar™ cell scrapers

- Supplied with pierced lid
- Individual sterile packaging
- Non-cytotoxic
- Ideal for the scratch assay technique

DNase RNase | DNase RNase | Human DNA



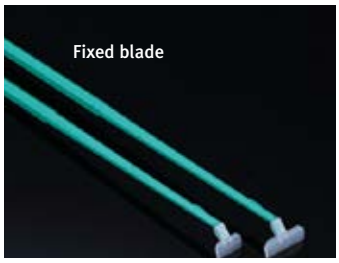
Cat. No.	Type of lid	Ø of scraper tips (mm)	Packaging unit	Units/ box	€/ box
330088	6 wells	0.5	1	20	N/A -
330089	24 wells	0.5	1	20	N/A -

SPL cell scrapers

- One-piece polypropylene version
- Polystyrene handle version
- Fixed or swivel blade version in low density polyethylene
- Sterile
- Non-cytotoxic

DNase RNase | DNase RNase | Human DNA

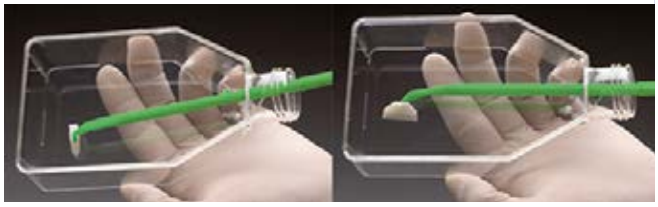






Cat.No.	Handle length (cm)	Blade length (mm)	Type	Packaging unit	Units/ box	€/ box
330095	22	23	One part	1	100	N/A -
330096	24	13	Fixed blade	1	100	N/A -
330097	24	13	Swivel blade	1	100	N/A -
330098	30	20	Fixed blade	1	100	N/A -
330099	30	20	Swivel blade	1	100	N/A -

Cell scrapers

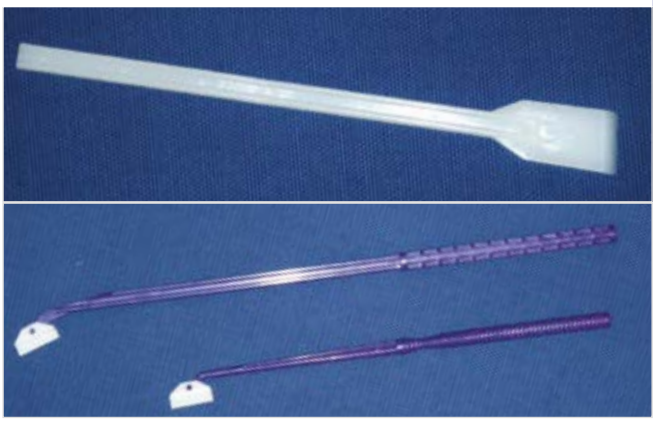


Perpendicular blade | Straight blade

Cat.No.	Handle length (cm)	Blade length (mm)	Type	Packaging unit	Units/ box	€/ box
978200	25	20	Straight blade	1	100	N/A -
978202	39	30	Straight blade	1	100	N/A -
978201	25	20	Perpendicular blade	1	100	N/A -
978203	39	30	Perpendicular blade	1	100	N/A -

Cell scrapers

- One-piece polyethylene version
- Version with adjustable polyethylene blade



Cat.No.	Handle length (cm)	Blade length (mm)	Type	Packaging unit	Units/ box	€/ box
010155	18	20	One part	1	100	N/A -
010153	18	18	Swivel blade	1	100	N/A -
010154B	25	18	Swivel blade	1	200	N/A -

Cell scrapers

- 5 mm diameter hole for inserting a rod



Cat. No.	Colour	Units/ box	€/ box
091821	Grey	10	N/A -
091822	Red	10	N/A -
091823	Transparent	10	N/A -

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Cell strainers

Dissociate your cell clusters or tissues to obtain a more uniform single cell suspension.

Falcon®Cell strainers



- Tongue on the side for easy handling
- Sterile
- Non-cytotoxic

Cat.No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/ box	€/ box
352340	40	Blue	50 ml	1	50	N/A -
352350	70	White	50 ml	1	50	N/A -
352360	100	Yellow	50 ml	1	50	N/A -

Corning®Cell strainers



- Tongue on the side for easy handling
- Sterile
- Non-cytotoxic

Cat.No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/ box	€/ box
00431751	40	Blue	50 ml	1	50	N/A -
00431750	70	White	50 ml	1	50	N/A -
00431752	100	Yellow	50 ml	1	50	N/A -

Greiner Bio-One Cell strainers



EASYstrainer and EASYstrainer Small.

- Sterile
- Stackable
- Presence of a vent for excess air discharge in the tube
- Simple and safe handling thanks to the grip
- EASYstrainer SMALL version with reversible membrane to easily recover what has been retained by the filter

DNase RNase · Human DNA · Cyto-toxin · Pyro-genic



Cat. No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/ box	€/ box
073058	20	Red	1.5 ml; 5 ml round bottom; 5 ml conical bottom; 15 ml	1	50	N/A -
073059	40	Green	1.5 ml; 5 ml round bottom; 5 ml conical bottom; 15 ml	1	50	N/A -
542170	70	Blue	1.5 ml; 5 ml round bottom; 5 ml conical bottom; 15 ml	1	50	N/A -
073060	100	Yellow	1.5 ml; 5 ml round bottom; 5 ml conical bottom; 15 ml	1	50	N/A -
542040	40	Green	50 ml	1	50	N/A -
542070	70	Blue	50 ml	1	50	N/A -
542000	100	Yellow	50 ml	1	50	N/A -

ClearLine®Cell Strainers



- Sterile

DNase RNase

Cat. No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/ box	€/ box
141378C	40	Blue	50 ml	1	50	N/A -
141379C	70	White	50 ml	1	50	N/A -
141380C	100	Yellow	50 ml	1	50	N/A -

Other cell strainers

SureStrain Cell Strainers

Cat. No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/ box	€/ box
062685	40	Blue	50 ml	1	50	N/A -
062686	70	White	50 ml	1	50	N/A -
062687	100	Yellow	50 ml	1	50	N/A -

- Sterile
- Presence of a vent for excess air discharge in the tube
- 1.5 mm high foot for strainers use in culture plates or dishes
- Supplied with adapter for 5 ml and 15 ml tubes



Accessoire

Cat. No.	Description	Units/ box	€/ box
062688	Adapter for 5 ml and 15 ml tubes	25	N/A -

ReadyStrain kits

Cat. No.	Description	Colour code	Units/ box	€/ box
062932	1 x 50 ml tube + 1 screw cap + 1 cell strainer 40 µm	Blue	50	N/A -
062933	1 x 50 ml tube + 1 screw cap + 1 cell strainer 70 µm	White	50	N/A -
062934	1 tube 50 ml + 1 screw cap + 1 cell strainer 100 µm	Yellow	50	N/A -

ReadyStrain kits



- Sterile

Cat. No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/ box	€/ box
010198B	40	Violet	50 ml	1	100	N/A -
010199B	70	Orange	50 ml	1	100	N/A -
010206B	100	Green	50 ml	1	100	N/A -

Cell Strainers - PluriStrainer

- Connector to regulate the flow (can be used with a syringe)
- Funnel for loading up to 24 ml

Cat.No.	Pore size (µm)	Colour code	For tubes	Packaging unit	Units/ box	€/ box
149016	10	White	50 ml	25	25	N/A -
149017	15	White	50 ml	25	25	N/A -
149019	20	Green	50 ml	25	25	N/A -
149026B	30	Violet	50 ml	25	25	N/A -
149195	60	Blue	50 ml	25	25	N/A -
149027	85	Orange	50 ml	25	25	N/A -







Accessories

Cat.No.	Description	Units/ box	€/ box
149013	Flow control connector	25	N/A -
149014	Funnel for placing the sample on the strainer	25	N/A -

PluriStrainer Kit

Cat.No.	Porosity	€
149024B	PluriStrainer Kit 1 µm, 6 µm, 10 µm, 15 µm, 20 µm and 30 µm (4 of each) + 8 connectors	N/A -
149025	PluriStrainer Kit 40 µm, 60 µm, 70 µm, 85 µm, 100 µm and 200 µm (4 of each)	N/A -

Cell Strainers - Uberstrainer

- Sterile
- Suitable for 5 ml tubes and for plates with 20 mm diameter wells
- Kit includes:
  - screw cap with Luer Lock connector;
  - insert for uniform distribution of liquid;
  - strainer;
  - Luer Lock connector;
  - 15 ml, 2 ml and 1.5 ml adapter

Cat. No.	Pore size (µm)	Colour code	Units/ box	€/ box
149236	1	Red	10	N/A -
149210	5	Yellow	10	N/A -
149237	10	Light blue	10	N/A -
149238	15	Pink	10	N/A -
149239	20	Turquoise	10	N/A -
149240	30	Violet	10	N/A -
149241	40	Blue	10	N/A -
149242	60	Sky Blue	10	N/A -
149243	70	Transparent	10	N/A -
149244	85	Orange	10	N/A -
149245	100	Yellow	10	N/A -
149246	200	Light pink	10	N/A -
149247	300	Red	10	N/A -
149248	400	Turquoise	10	N/A -
149249	500	Pink	10	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

CELL STRAINERS

SureStrain Cell Strainers



- Sterile
- Low density polyethylene body and PET membrane

Cat. No.	Pore size (µm)	Colour code	For tubes	Pack. unit	Units/ box	€/ box
149213	5	Yellow	1.5 ml, 15 ml, 24 and 48 welll plates	25	25	N/A -
149214	5	Yellow	1.5 ml, 15 ml, plates 24 and 48 wells	25	50	N/A -
149215	5	Yellow	1.5 ml, 15 ml, plates 24 and 48 wells	25	100	N/A -
149217	5	Yellow	1.5 ml, 15 ml, plates 24 and 48 wells	25	500	N/A -
149218	10	Turquoise	1.5 ml, 15 ml, 24 and 48 welll plates	25	25	N/A -
149219	10	Turquoise	1.5 ml, 15 ml, 24 and 48 welll plates	25	50	N/A -
149220	10	Turquoise	1.5 ml, 15 ml, 24 and 48 welll plates	25	100	N/A -
149221	10	Turquoise	1.5 ml, 15 ml, 24 and 48 welll plates	25	500	N/A -
149222	20	Green	1.5 ml, 15 ml, 24 and 48 welll plates	25	25	N/A -
149223	20	Green	1.5 ml, 15 ml, 24 and 48 welll plates	25	50	N/A -
149224	20	Green	1.5 ml, 15 ml, 24 and 48 welll plates	25	100	N/A -
149225	20	Green	1.5 ml, 15 ml, 24 and 48 welll plates	25	500	N/A -
149226	40	Light blue	1.5 ml, 15 ml, 24 and 48 welll plates	25	25	N/A -
149227	40	Light blue	1.5 ml, 15 ml, 24 and 48 welll plates	25	50	N/A -
149228	40	Light blue	1.5 ml, 15 ml, 24 and 48 welll plates	25	100	N/A -
149229	40	Light blue	1.5 ml, 15 ml, 24 and 48 welll plates	25	500	N/A -
149230	70	Transparent	1.5 ml, 15 ml, 24 and 48 welll plates	25	25	N/A -
149231	70	Transparent	1.5 ml, 15 ml, 24 and 48 welll plates	25	50	N/A -
149232	70	Transparent	1.5 ml, 15 ml, 24 and 48 welll plates	25	100	N/A -
149233	70	Transparent	1.5 ml, 15 ml, 24 and 48 welll plates	25	500	N/A -

Bellco stainless steel cell strainers





- - Delivered with support, glass pestle, key and 9 grids (one of each porosity from 10 to 150 Meshes)

Cat. No.	Description	€
198585	Complete Cellector 85 ml	N/A -
198600	Complete Cellector 130 ml	N/A -
198518	Support grid and key 85 ml	N/A -
198598	Support grid and key 130 ml	N/A -

Accessories

Cat. No.	Description	€
198599	Glass pestle 16 mm	N/A -
198601	Cellector key only	N/A -

Grids (only)

Cat. No.	Description	Units/ box	€/ box
198586	Steel grid 10 Meshes - 1910 µm	5	N/A -
198587	Steel mesh 20 Meshes - 860 µm	5	N/A -
198588	Steel mesh 30 Meshes - 520 µm	5	N/A -
198589	Steel mesh 40 Meshes - 380 µm	5	N/A -
198590	Steel mesh 50 Meshes - 280 µm	5	N/A -
198591	Steel mesh 60 Meshes - 230 µm	5	N/A -
198592	Steel mesh 80 Meshes - 190 µm	5	N/A -
198593	Steel mesh 100 Meshes - 140 µm	5	N/A -
198594	Steel mesh 150 Meshes - 94 µm	5	N/A -
198595	Steel mesh 200 Meshes - 74 µm	5	N/A -
198500	Steel mesh 300 Meshes - 46 µm	5	N/A -
198596	Steel mesh 400 Meshes - 38 µm	5	N/A -
198597	Steel mesh 500 Meshes - 25 µm	5	N/A -

Tissue Grinder with conical pestle

- **Pestle-cylinder clearance: 0.1 to 0.15 mm**
- **Consists of a borosilicate glass cylinder and a conical pestle**
- **For finer and faster grinding**

- The rough glass pestle is ideal for hard fabrics;
- The PTFE pestle is ideal for soft tissue.

Volume (ml)	1	3	5	15
Cylinder: ø ext. x height (mm)	11 x 49	11 x 86	13 x 93	18 x 114
Total pestle height	130	220	220	240
Tissue Grinder with conical glass pestle				
Cylinder + pestle assembly	**048632**	**048633**	**048634**	**048635**
€ per unit	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Glass pestle only	**048664**	**048665**	**048666**	**048667**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Glass cylinder only	**048773**	**048661**	**048662**	**048663**
€ per 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Tissue Grinder with PTFE pestle				
Cylinder + pestle assembly	**048636**	**048637**	**048638**	**048639**
€ per unit	**N/A -**	**N/A -**	**N/A -**	**N/A -**
PTFE pestle only	**048644**	**048645**	**048646**	**048647**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Glass cylinder alone	**048640**	**048641**	**048642**	**048643**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**





TIP



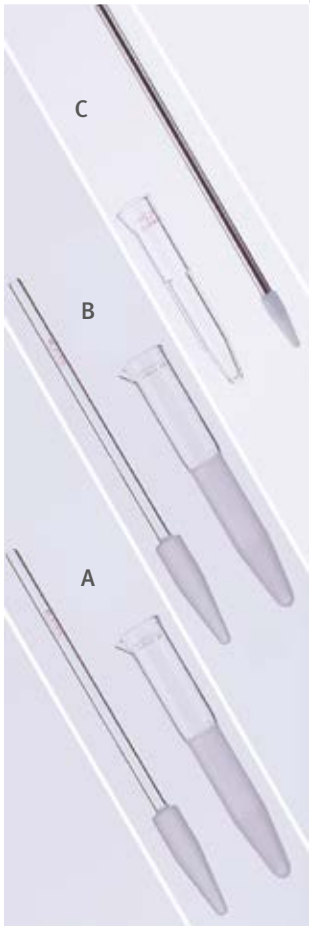
Plastic Pellet pestle and grinders: see page 90

Duall dual-action polygrinder

- **Grinder consists of a conical bottom cylinder with reservoir and a pestle with a conical end**
- **Ideal for grinding and homogenising tough cells**
- **Pestle-cylinder clearance: 0.1 to 0.15 mm**
- **Dual action:**
  - initial grinding by the cylindrical part of the pestle;
  - very fine homogenisation in the conical bottom.

5 models:
- all glass: glass pestle and cylinder (A);
- all glass with a plastic coated film (B);
- glass cylinder and PTFE pestle on steel rod (C);
- glass cylinder with screw cap and PTFE joint with PTFE pestle on steel rod (D);
- glass cylinder with screw cap and PTFE joint with PTFE pestle on striated steel rod: very high grinding capacity (E)

Type	P20	P21	P22	P23	P24	P25
Volume (ml)	1	3	5	15	30	50
Cylinder ø x H (mm)	10 x 75	13 x 130	15 x 150	20 x 175	27 x 220	32 x 225
A) Glass pestle - glass cylinder						
Cylinder + pestle assembly	**045000**	**045069**	**045070**	**045071**	**045072**	**045073**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Pestle only	**045074**	**045075**	**045076**	**045077**	**045078**	**045079**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cylinder only	**045132**	**045133**	**045134**	**045135**	**045136**	**045159**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
B) Glass pestle - plastic cylinder						
Cylinder + pestle assembly	**045178**	**045179**	**045180**	**045181**	**045182**	**045183**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Pestle only	**045074**	**045075**	**045076**	**045077**	**045078**	**045079**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cylinder only	**045184**	**045185**	**045186**	**045187**	**045188**	**045189**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
C) Teflon pestle - glass cylinder						
Cylinder + pestle assembly	**045190**	**045191**	**045192**	**045193**	**045194**	**045195**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cylinder only	**045196**	**-**	**045198**	**045199**	**045200**	**045201**
€	**N/A -**	**-**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
D) Glass pestle - glass cylinder with screw cap						
Cylinder + pestle assembly	**-**	**045137**	**045138**	**045139**	**-**	**-**
€	**-**	**N/A -**	**N/A -**	**N/A -**	**-**	**-**
E) Teflon pestle - glass cylinder with screw cap						
Cylinder + pestle assembly	**-**	**045140**	**-**	**045142**	**-**	**-**
€	**-**	**N/A -**	**-**	**N/A -**	**-**	**-**

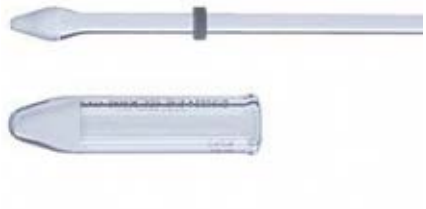


200 µl Micro Grinder

Made of glass, it is ideal for dispersing small amounts of tissue in a buffer solution.
The pestle has a PTFE guide ring.

- **Volume: 200 µl**
- **Pestle L x ø: 75 x 3 mm**
- **L x ø tube: 33 x 8 mm**

Cat. No.	Description	Units/ box	€/ box
095206	Micro Grinder	6	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Grinder for 15 ml tubes



Pellet pestle with stainless steel rod and PTFE tip specially designed for grinding the 15 ml conical centrifuge tubes directly inside . Length: 21 mm.

Cat. No.	Description	€
045080	Pellet pestle for 15 ml tube (ø 17 mm)	N/A -

Potter-Elvehjem Tissue Grinder with PTFE pestle

Tissue Grinder with borosilicate glass cylinder and PTFE-headed pestle and stainless steel handle.

- **Autoclavable**
- **Pestle-cylinder clearance: 0.1 to 0.15 mm**
- **Ø rod: 6.5 mm**

Several versions:
- smooth head pestle;
- radial grooved pestle (for hard tissue);
- borosilicate glass cylinder;
- borosilicate glass cylinder coated with a plastic to protect the user in case of breakage (Safe-Grind).



DWK LIFE SCIENCES

Volume (ml)	2	5	10	15	30	55
Cylinder: ø ext. x height (mm)	11 x 45	13 x 66	16 x 74	19 x 84	24 x 118	30 x 130
Total pestle height	203	219	219	219	266	266
Tissue Grinder with smooth pestle and borosilicate glass cylinder						
Cylinder + pestle assembly	**048779**	**048780**	**048781**	**048782**	**048783**	**048784**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Smooth Pestle only	**048607**	**048608**	**048609**	**048610**	**048611**	**048612**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Borosilicate glass cylinder only	**048620**	**048621**	**048622**	**048623**	**048624**	**048625**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Tissue Grinder with smooth pestle and borosilicate glass cylinder coated with Safe-Grind plastic						
Cylinder + pestle assembly	**048595**	**048596**	**048597**	**048598**	**048599**	**048600**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Smooth Pestle only	**048607**	**048608**	**048609**	**048610**	**048611**	**048612**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Glass cylinder with plastic only	**048601**	**048774**	**048775**	**048604**	**048605**	**048606**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Tissue Grinder with grooved pestle and borosilicate glass cylinder						
Cylinder + pestle assembly	**048614**	**048615**	**048616**	**048617**	**048618**	**048619**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Smooth Pestle only	**048626**	**048627**	**048628**	**048629**	**048630**	**048631**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Borosilicate glass cylinder only	**048620**	**048621**	**048622**	**048623**	**048624**	**048625**
€ for 2	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

PTFE Potter-Elvehjem Tissue Grinders



- **Borosilicate glass**
- **Pestle-cylinder clearance: 0.1 to 0.15 mm**
- **PTFE pestle on stainless steel rod**
- **Choice of smooth pestle for soft tissue (e.g. brain, liver) or ribbed pestle for hard tissue or finer grinding**

Volume (ml)	2	5	10	15	30	50
ø x H chamber (mm)	11 x 45	13 x 66	16 x 74	19 x 84	24 x 118	30 x 130
Pestle length (mm)	203	219	219	219	266	266
Cylinder only Cat. No.	**057006**	**057007**	**057008**	**057009**	**057010**	**057011**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Smooth Pestle Cat. No.	**057012**	**057013**	**057014**	**057015**	**057016**	**057017**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Grooved Pestle Cat. No.	**057018**	**057019**	**057020**	**057021**	**057022**	**057023**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Kontes Potter-Elvehjem Tissue Grinders



Very high precision grinder

- **Complete grinder consisting of a borosilicate glass cylinder and a metal pestle with a round PTFE tip**
- **The gap between the cylinder and the pestle is between 0.1 and 0.15 mm**

Number	18	19	20	22	23	24
Volume (ml)	0.5	1	3	8	17	45
Total height (mm)	80	95	115	150	175	220
ø (mm)	12	12	12	19	25	32
Complete Tissue Grinder Cat. No.	**045146**	**045147**	**045148**	**045149**	**045150**	**045151**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Spare cylinder Cat. No.	**045152**	**045153**	**045154**	**045155**	**045156**	**045157**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

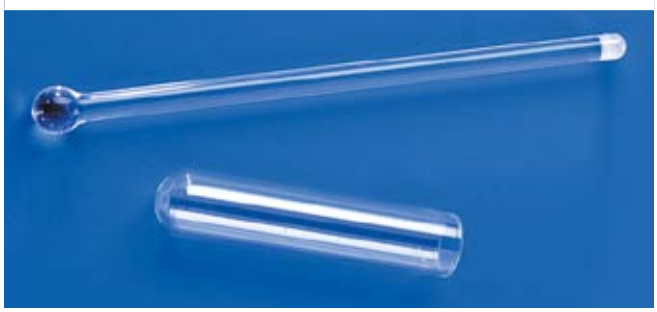
Micro Potter-Elvehjem Tissue Grinder 0.1 ml



- Spout
- Borosilicate glass with low extractable content
- Clearance at 0.1 to 0.15 mm
- AS™ Type I Class A and USP Type I standards

Cat. No.	Capacity (ml)	Ø x H (mm)	Length (mm)	Units/ box	€/ box
048613	0.1	4 x 65	110	2	N/A -

Disposable glass Tissue Grinder 0.75 ml



Cat. No.	Capacity (ml)	Ø x H (mm)	Units/ box	€/ box
048648	0.75	8 x 44	25	N/A -

Potter-Elvehjem Tissue Grinder 100 ml

- Consists of a borosilicate glass cylinder and a PTFE-tipped Pestle on a stainless steel rod
- Radial grooves for easy particle transfer
- Volume: 100 ml
- ø x height (mm): 57 x 232
- ø x Pestle height (mm): 6 x 349
- Pestle-cylinder clearance: 0.1 to 0.15 mm

Cat. No.	Description	€
045129	Complete Tissue Grinder	N/A -
045131	Spare pestle	N/A -



Dounce Homogeniser

Volume (ml)	2	7	15	40	100
Complete kit (cylinder + 2 pistons)					
Cat. No.	045012	045013	045014	045015	045016
€	N/A -	N/A -	N/A -	N/A -	N/A -
Wide Gap Pestle - Type A					
Pestle-cylinder clearance (µm)	76 to 127	71 to 119	89 to 165	76 to 152	51 to 254
Cat. No.	045017	045018	045019	045020	045021
€	N/A -	N/A -	N/A -	N/A -	N/A -
Narrow Gap Pestle - Type B					
Pestle-cylinder clearance (µm)	12 to 63	20 to 55	25 to 76	25 to 75	12 to 140
Cat. No.	045022	045023	045024	045025	045026
€	N/A -	N/A -	N/A -	N/A -	N/A -
Cylinder only					
Cat. No.	045027	045028	045029	045030	045031
€	N/A -	N/A -	N/A -	N/A -	N/A -

Grinding kit made entirely of high precision borosilicate glass.

The kit includes:

- a cylinder with tank;
- two pestles of different diameters, allowing for fine or ultra-fine grinding.



Tenbroeck Tissue Grinder

- Borosilicate glass cylinder and hollow pestle
- Suitable for cold work, can be filled with ice
- Manual or motor-activated grinding
- Pestle-cylinder clearance: 0.1 to 0.15 mm

Volume (ml)	2	7	15	40
Total height (mm)	160	195	250	315
Working height (mm)	100	125	157	215
ø chamber (mm)	11	16	20	30
Cat. No.	057003	057004	057005	057046
€	N/A -	N/A -	N/A -	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Reusable Pellet pestle for 0.5 ml and 1.5 ml microtubes



Pellet pestles with stainless steel rod and conical PTFE head can be used with all 0.5 or 1.5 mL microtubes

Cat. No.	Description	€
045009	Pellet pestle 0.5 ml	N/A -
045010	Pellet pestle 1.5 ml	N/A -

Biomasher Pellet pestle



- **Polypropylene manual pellet pestle with guide pestle and 1.5 ml microtube perfectly matched to each other**
- **Sterile or non-sterile version, each pestle individually packaged with its own 1.5 ml microtube in a blister pack**

Cat. No.	Description	€/ 50 units
431125	Pestle + Biomasher non-sterile microtube	N/A -
431126	Pestle + Biomasher microtube sterile case	N/A -

Coloured Pellet pestle for microtubes



Polypropylene Pestles for resuspension of protein and nucleic precipitates, homogenisation of cells.

- **Single use, RNase and DNase free**
- **Mixed colours: red, blue, green, purple, orange**
- **For 0.5 ml or 1.5 ml microtubes**

	Pestles only		Pestles + microtubes	
Microtube volumes	Cat. No.	€ per 10	Cat. No.	€ per 10
0.5 ml	045419	N/A -	045421	N/A -
1.5 ml	045420	N/A -	045422	N/A -

Fluorescent coloured microtubes

Volume	1.5 ml
Cat. No.	045424
Units/box	500
€/box	N/A -

Pellet pestle and microtubes



DNase RNase · Pyro-genic

- **Made of polypropylene**
- **White or blue**
- **For 0.5 ml or 1.5 ml microtubes**
- **Individual packaging for the blue microtube**

	White		Blue	
Volume (ml)	0.5 ml	1.5 ml	0.5 ml	1.5 ml
Pestles only	045651	045650	045008	045007
€ per 100	N/A -	N/A -	N/A -	N/A -
Pestles + microtubes	141230	045001	045002	045003
€ per 100	N/A -	N/A -	N/A -	N/A -
Microtubes only	-	141228	065347	065344
€ per 100	-	N/A -	N/A -	N/A -

Treff Pellet pestle 0.5 ml and 1.5 ml universal



Treff Plastics Technology

The most popular microtube pestle

- **Non-slip ribbed rod**
- **Autoclavable polypropylene**
- **Perfectly adapted for Treff 1.5 ml and 0.5 ml microtubes**
- **Suitable for all brands of microtubes**
- **Length: 75 mm**

Cat. No.	Description	Pack unit.	€
034057B	Treff Pellet pestle for 1.5 ml microtubes	50	N/A -
034013	Treff microtubes 1.5 ml	1000	N/A -
034058B	Treff Pellet pestle for 0.5 ml microtubes	50	N/A -
034001	Treff microtubes 0.5 ml	5	N/A -

Polypestle™ double-sided Pellet pestle

- Polypropylene pellet pestle, gamma sterile
- Conical side for 1.5 ml microtubes
- Convex side for cell strainers
- Textured handle for secure grip
- Length: 145 mm
- Individual Paper/plastic packaging

DNase RNase



Cat. No.	Description	Units/ box	€/ box
062915	Double-sided Pellet pestle	50	N/A -

Eppendorf Pellet pestle 1.5 and 2 ml

The Eppendorf microtube has its own grinder: the Eppendorf Pellet pestle fits both 1.5 ml and 2 ml Eppendorf microtubes thanks to its double-side



Cat. No.	Description	€ 10 units
033522	Pellet pestle	N/A -

eppendorf

ClearLine® Mixer for Pellet pestle

Electric mixer (battery operated) to be completed with a single use or reusable pellet pestle.
For resuspension of pellets in 0.5 ml and 1.5 ml microtubes.

- Speed: 160 rpm
- Power supply: 2 x AA 1.5 V batteries

ClearLine



Cat. No.	Description	€
045011	Motor MixerPellet mixer for microtube stirring	N/A -
141231	Rubber adapter for Motor Mixer	N/A -
045319	AA R6 battery	N/A -

Electric tissue grinder

- Runs on mains power (G50 model) or battery (models G 10 / G 20) - 154337 Battery ordered separately
- Requires a smooth-head pestle





Model	G 10	G 50
Speed (rpm)	12000	Adjustable from 3000 to 8000
Dim. (Ø x H or W x L x H) (mm)	25 x 155	50 x 26 x 170
Net weight (g)	200	145
Power supply	3.7V Lithium battery	12V DC, 5A
Cat. No.	154320	154322
€	N/A -	N/A -

Pestles

Made of sterile, autoclavable plastic or autoclavable stainless steel.

Cat. No.	Description	Units/ box	€/ box
154323	Plastic pestle	50	N/A -
154324	Stainless steel pestle	1	N/A -

Battery

Cat. No.	Description	€
154337	Battery for G10 tissue grinder	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Homogeniser for microtubes



DNase RNase

Pyro-genic

- For homogenisation of precipitates, cells and tissues
- Works with 2 AA batteries (included)

Cat. No.	Description	€
947820	Homogeniser with pestle adapter	N/A -

Pestles and microtubes

- Autoclavable polypropylene
- Can be used with or without the mixer
- Tube with 25% thicker bottom to ensure integrity during use

Description	Units/ box	Individual packaging		In bulk	
		Cat. No.	€	Cat. No.	€
Pestle 0.5 ml	100	947821	N/A -	947827	N/A -
Pestle and microtube 0.5 ml	100	947823	N/A -	-	-
Pestle 1.5 ml	100	947824	N/A -	947830	N/A -
Pestle and microtube 1.5 ml	100	947826	N/A -	947832	N/A -

Spiral cylindrical pestles and BioVortexer





- Ideal for homogenisation of soft tissues (liver, brain and muscle...) and precipitates, and resuspension of the centrifugation pellet
- The addition of grinding beads is recommended for more efficient tissue lysis
- Can be used with the BioVortexer for better homogenisation
- Compatible with 1.5 and 0.5 ml conical tubes
- It is possible to reduce the speed of the BioVortexer homogeniser by working with one of the 2 batteries only

Cat. No.	Description	€
918034	Pestle and 1.5 ml microtubes (100 units) and sample of spiral grinding beads	N/A -
918035	Glass beads for pestle grinder (50 cc bottle with spout)	N/A -
918044	BioVortexer homogeniser (batteries included)	N/A -

Tissue Grinders





- Closed system consisting of a tube and a pestle
- Sterile unit packaging
- Two versions: standard or fibrous tissues

Tube volume	For standard tissues		For fibrous tissues	
	Cat. No.	€/ 10 units	Cat. No.	€/ 10 units
15 ml	065359	N/A -	065361	N/A -
50 ml	065360	N/A -	065362	N/A -

CellCrusher tissue grinders





- Kit for grinding samples from 10 mg to 10 g
- Limited sample loss
- Grinding of hard samples (e.g. cartilage, roots)
- Easy to clean

Cat. No.	Description	€
538004	CellCrusher only	N/A -

Instructions for use:

1) Place the sample in the chamber (liquid nitrogen temperature)
2) Crush the sample with the pestle by tapping with a mallet
3) Collect the crushed material with the spoon

	Kit A	Kit B
Sample mass	10 mg to 5 g	10 mg to 10 g
The kit contains	Cell Crusher: chamber (32 x 42 mm) + stainless steel pestle	
	Pliers, spoon and mallet	
	-	Drill can be adapted to any grinder that accepts 9 mm Ørods
Cat. No.	538003	538005
€	N/A -	N/A -

Transepithelial resistance meter(TEER)

- Low noise for better resolution and accuracy
- Adjustable measuring currents (2, 4 or 10 µA)
- Resistance from 1 Ω to 100 000 Ω or with three fixed current ranges
- Reliable low-current, low-voltage design prevents transport of metal ions
- Fast stabilisation of resistance on low levels below 200 Ω with resolution down to 0.1 Ω
- Ergonomically designed tiltable stand for low glare
- The display shows the most recent set of programmed parameters
- Automatic plate indexing operation with or without control well subtraction for resistance and potential difference measurements
- Continuous data recording via USB (PC, Mac, Linux)
- Saves time-stamped data to a file that can be read in a spreadsheet on a USB stick
- Scalable firmware

Applications

- Measurement of confluence, transepithelial resistance or potential difference of epithelial or endothelial tissue
- Permeability, conductance and drug effect studies
- Continuous digital monitoring of a target membrane
- Blood-brain barrier transport
- Studies of lung epithelial tissue
- Intestinal tissue studies
- Skin tissue studies



Benefits

- Eliminates errors and reduces handling time
- Automatic data recording
- Small footprint
- Electrode designed to be positioned above the well (12 or 24 well plate) without being held and always in the same position, for reproducible results
- Easy calibration and verification
- Triggering of the measurement with a foot switch for hands-free operation
- Trans-epithelial resistance calculated by applying a formula using the unit area to the resistance

Cat. No.	Description	€
170105B	Transepithelial resistance meter	N/A -

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Greiner Bio-One Plant Culture container



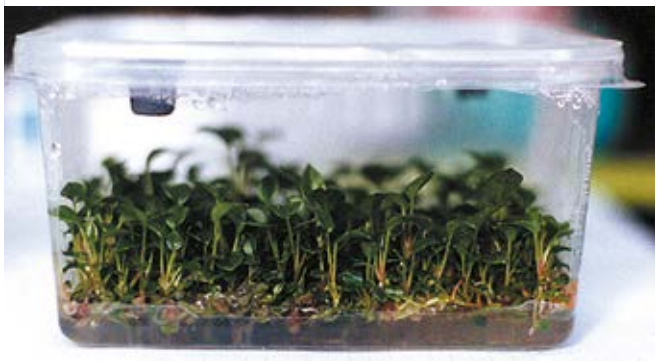
Cat. No.	Sterile	Pack. unit	Units/ box	€/ box
968164	Yes	4	144	N/A -
968177*	No	192	192	N/A -
968161	Yes	192	192	N/A -
968162	Yes	1	168	N/A -

* without lid

- Made of transparent polystyrene for maximum light transmission and therefore fast and successful growth
- Used in plant culture or sample transport
- Free of heavy metals
- Operating temperature: -20 °C to 60 °C
- Dimensions Ø x H: 68 x 110 mm
- Working volume: 300 ml

Other containers for plant culture

Polystyrene containers without filter



- Sterile, non-autoclavable and non-reusable
- Non-hermetic closure

Trays only

Cat. No.	Volume (ml)	L x W x H (mm)	Units/ bag	Units/ box	€/ box
017001	300	145 x 101 x 40	50	600	N/A -
017002	500	145 x 101 x 60	50	600	N/A -
017003	750	145 x 101 x 85	50	600	N/A -

Lids only

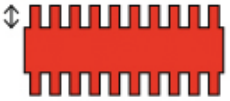
Cat. No.	L x W x H (mm)	Units/ bag	Units/ box	€/ box
017004	145 x 100 x 50	50	600	N/A -
017063	145 x 100 x 60	50	600	N/A -

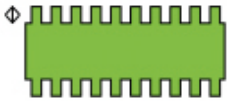
Polypropylene containers with filter



- HEPA filter allows air to pass through while preventing contamination
- Non-sterile boxes: reusable and autoclavable up to 7 times
- Containers available in sterile version - add an "S" after the Cat. No. (not autoclavable and not reusable)
- 100% recyclable
- Gas exchange depends on the length of the filter; the longer the filter, the less gas exchange takes place:
  - white and red filters recommended for plants with a long incubation time
  - green filter recommended for plants with a short incubation time or requiring high gas exchange







Round models

Ø x H (mm)	80 x 40			80 x 60			97 x 50		
	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
White filter	017046B	560	N/A -	017042D	465	N/A -	017033E	350	N/A -
Red filter	017048B	560	N/A -	017044D	465	N/A -	017035E	350	N/A -
Green filter	017049B	560	N/A -	017045D	465	N/A -	017036E	350	N/A -

Ø x H (mm)	97 x 80			97 x 120			75 x 114			90 x 140		
	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
White filter	017028B	312	N/A -	017024B	265	N/A -	017037B	430	N/A -	017051D	265	N/A -
Red filter	017031B	312	N/A -	017026B	265	N/A -	017039B	430	N/A -	017053D	265	N/A -
Green filter	017032B	312	N/A -	017027B	265	N/A -	017041B	430	N/A -	017054D	265	N/A -

Rectangular models

Ø x H (mm)	125 x 65 x90		
	Cat. No.	Units/ box	€/ box
White filter	017055	350	N/A -
Red filter	017057	350	N/A -
Green filter	017058	350	N/A -



Plant culture squared jars

- Available in 3 different materials: PS/PC/PP
- Special design: jars can be connected from the upper part with an adaptable frame



Cat. No.	Material	Ext. dim. L x W x H (mm)	Sterile	Packaging unit	Units/ box	€/ box
330150	PS	72 x 72 x 100	Yes	4	120	N/A -
330151	PC	72 x 72 x 100	No	4	120	N/A -
330152	PP	72 x 72 x 100	No	4	120	N/A -

Frame

Cat. No.	Material	Ext. dim. L x W x H (mm)	Sterile	Packaging unit	Units/ box	€/ box
330153	PP	80.8 x 80.8 x 21	No	30	60	N/A -

GA7 and GA7-3 Magenta plant culture vessel

Designed for plant tissue culture, their growth, transplanting and shipping.

- Made of autoclavable transparent polycarbonate with polypropylene lid
- Useful culture area: 70.5% of the surface area occupied
- Patented closure system eliminates the risk of contamination
- Anti-condensation runoff ring prevents contamination of the plant
- Dimensions: 76 x 76 x 76 mm for the GA 7-3 / 76 x 76 x 102 mm for the GA 7



Cat. No.	Description	Units/ box	€/ box
950146	GA 7-3 plant culture vessel without lid	100	N/A -
950147	GA 7 plant culture vessel without lid	50	N/A -
950148	Lid only for GA 7 and GA 7-3	1	N/A -

Plant culture round containers

- Ideal for germination
- Stackable



Cat.No.	Material	Ext. dim. Ø x H (mm)	Autoclavable	Sterile	Packaging unit	Units/ box	€/ box
330154	PS	100 x 40	No	Yes	5	200	N/A -
330155	PP	100 x 40	Yes	No	5	200	N/A -
330156	PS	100 x 20	No	Yes	10	200	N/A -
330157	PS	90 x 15	No	Yes	10	500	N/A -
330158	PS	90 x 20	No	Yes	10	200	N/A -
330159	PS	100 x 15	No	Yes	10	500	N/A -

Plant culture bottles

- Ideal for germination and growth of young plants
- Stackable
- Screw cap
- Autoclavable



Cat.No.	Material (bottle/ cap)	Dim. (mm) L x W x H	Vol. (ml)	Autoclavable	Sterile	Units/ box	€/ box
330162	PP / PP	79 x 79 x 110	500	No	No	1	N/A -
330163	PC/HDPE	95 x 95 x 140	500	Yes	No	1	N/A -

TIP

Find all our media for plant culture in the following section

All prices are indicative and exclude VAT. Visit www.dulis.nl

SERUM

- Exclusive partnership with PAN BIOTECH, specialised producer of serum, media and additives since 1994
- Quality serum
- Great care taken in the collection, preparation and storage stages
- Aseptic collection of serum
- Centrifugation of coagulated blood, then freezing
- Samples taken to check the conformity of batches
- Successive filtration to 1 porosity of 0.2 µm
- Packaged in PETG flask
- Steps carried out in a laminar flow hood, in a class 100 clean room
- Control test performed on all sera
- Quality certificate available on request or at www.pan-biotech.de
- ISO 9001 certified range

PAN BIOTECH range - Serum

Fetal calf serum

Désignation	Cat. No.	Volume (ml)	€
Fetal calf serum, South American origin	500101	100	N/A -
	500105	500	N/A -
PREMIUM foetal calf serum, South American origin,	P30-3301	100	N/A -
	P30-3302	500	N/A -
Fetal calf serum, Australian origin	P30-1301	100	N/A -
	P30-1302	500	N/A -
Fetal calf serum, US origin	P30-1401	100	N/A -
	P30-1402	500	N/A -

FBS GOOD filtered serum (bovine and fetal serum pool)

Désignation	Cat. No.	Volume (ml)	€
FBS GOOD, DEFINED EU certified	P40-37100	100	N/A -
	P40-37500	500	N/A -
FBS GOOD, Australian origin	P40-39500	500	N/A -
FBS GOOD FORTE enriched with EU certified growth factors	P40-47100	100	N/A -

High quality serum

Désignation	Cat. No.	Volume (ml)	€
FBS MSC South American origin, tested mesenchymal stem cells	P30-2611	100	N/A -
	P30-2612	500	N/A -
Special fetal calf serum for ES embryonic stem cells	500101ES	100	N/A -
	500105ES	500	N/A -
Adult bovine serum of variable origin	P30-0601	100	N/A -
	P30-0602	500	N/A -
SERAPRO: EU certified ow endotoxin fetal calf serum	P30-5100	100	N/A -
	P30-5500	500	N/A -
Biotech Fetal Calf Serum, Australian origin, tested according to EMEA 1793 and Ph. Eur. 2262	P40-1301	100	N/A -
	P40-1302A	500	N/A -
Biotech Fetal Calf Serum, US origin, tested according to EMEA 1793 and Ph. Eur. 2262	P40-1401	100	N/A -
	P40-1402	500	N/A -

Supreme grade

- From a selection of the best batches, very stable in quality, reproducible, with a low endotoxin rate

Désignation	Cat. No.	Vol. (ml)	€
Fetal Calf Serum Supreme, South American origin	P30-3030	100	N/A -
	P30-3031	500	N/A -

Animal serum

Cat.No.	Désignation	Vol. (ml)	€
500131	Donor horse serum	100	N/A -
500135	Donor horse serum P30-0702	500	N/A -
P30-0711	Horse serum	100	N/A -
500161	Donkey Serum P30-0101	100	N/A -
500121	Newborn calf serum, virus and mycoplasma tested	100	N/A -
500125	Newborn calf serum, virus and mycoplasma tested	500	N/A -



Enter the Cat. No. on dulis.nl to display a sample certificate supplied with the serum batches

- Selection of lots, reserved over a period of 4-6 weeks
- Free shipping of 50 ml test bottle
- Reservation for a defined period





Storage at - 20 °C

ON REQUEST

- Animal plasma
- Other origins
- Other Specifications
- Other volumes
- Other types

Serum with treatment

Désignation	Cat. No.	Volume (ml)	€
Fetal calf serum, inactivated heat, South America	P30-193305	100	N/A -
	P30-193306	500	N/A -
Fetal bovine serum, premium, inactivated	P30-1901	100	N/A -
	P30-1902	500	N/A -
Fetal calf serum, EU approved, dialysed	P30-2101	100	N/A -
	P30-2102	500	N/A -
Fetal calf serum, EU approved, activated carbon filter	P30-2301	100	N/A -
	P30-2302	500	N/A -
Fetal calf serum, EU approved, tetracycline free	P30-3601	100	N/A -
	P30-3602	500	N/A -
ULTRA low IgG Fetal bovine serum EU approved	P30-2801	100	N/A -
	P30-2802	500	N/A -
Fetal calf serum, EU approved, delipidated	P30-3401	100	N/A -
	P30-3402	500	N/A -
Fetal calf serum, premium gamma irradiated South America	P30-2001	100	N/A -
	P30-2002	500	N/A -
FBS EU professional, EU approved, inactivated P30-8100	500101I	100	N/A -

Human serum

Désignation	Cat. No.	Volume (ml)	€
Human serum	P30-2401	100	N/A -
	P30-2402	500	N/A -
Human serum AB	P30-2501	100	N/A -
Human serum AB (male)	P30-2901	100	N/A -
Off-the-clot Human serum	P30-2701	100	N/A -
Off-the-clot AB Human serum (male)	P40-2701	100	N/A -
Human clot AB serum (male)	P40-3002	500	N/A -
Human plasma with citrate	P40-26500	500	N/A -

HUMAN PLATELET LYSATE (hPL)

- Human platelet lysate is an xeno-free alternative to SVF
- It is obtained from the liquid fraction of non-coagulated blood, or blood plasma, which is rich in platelets and contains lipids, coagulation factors but also and above all hormones and proteins, notably albumin
- HPL is capable of promoting the growth of MSCs, MSCs, adherent and non-adherent human primary cells and lines

Cat.No.	Désignation	Volume (ml)	€
P40-28100	HPL Human Platelet Lysate, ready to use	100	N/A -

DD range - Serum

Fetal calf serum

Cat. No.	Origin	Vol. (ml)	€
S1810-100	South America	100	N/A -
S1810-500	South America	500	N/A -
S1650-100	Mexico, USDA approved	100	N/A -
S1650-500	Mexico, USDA approved	500	N/A -
S1520-100	USA	100	N/A -
S1520-500	USA	500	N/A -

Fetal calf serum with treatment: South American origin

Cat. No.	Treatment	Vol. (ml)	€
S181H-100	Heat inactivated	100	N/A -
S181H-500	Heat inactivated	500	N/A -
S181F-100	Carbon adsorption	100	N/A -
S181F-500	Carbon adsorption	500	N/A -
S181D-100	Dialysed	100	N/A -
S181D-500	Dialysed	500	N/A -
S181I-500	Depleted IgG	500	N/A -
S181M-500	Exosome Depleted	500	N/A -

Cat. No.	Treatment	Vol. (ml)	€
S181L-100	Lipid Depleted	100	N/A -
S181L-500	Lipid Depleted	500	N/A -
S181T-100	Without tetracycline	100	N/A -
S181T-500	Without tetracycline	500	N/A -
S181R-100	Iron supplemented	100	N/A -
S181R-500	Iron supplemented	500	N/A -
S181R-500	ES Cells	100	N/A -
S181R-500	ES Cells	500	N/A -

High quality serum

SVF Ultra-Low endotoxins - South America - endotoxin levels ‹ 0.1 EU/ml

Cat. No.	Volume (ml)	€
S1860-100	100	N/A -
S1860-500	500	N/A -

SVF Premium

- Endotoxin levels ‹ 5 EU/ml
- Hemoglobin levels ‹ 25 mg /100 ml
- Growth › 80%
- Filtration 0.1 µm
- Low batch to batch variation
- Time saving
- Without test
- Triple Filtration 0.1 µm
- Tested on HELA, MRC-5, L929 and SP2/0-AG14

Cat. No.	Volume (ml)	€
S181B-500	500	N/A -

Fetal calf serum

Cat. No.	Origin	Volume (ml)	€
S1700-500	Oceania	500	N/A -
S1710-500	New Zeland	500	N/A -

Animal blood

- Aseptically collected
- Storage 2-8 °C
- Shelf life 56 days

Defibrinated sheep blood

Cat. No.	Volume (ml)	€
240200	100	N/A -

Defibrinated Horse Blood

Cat. No.	Volume (ml)	€
240201	100	N/A -





Animal serum

Cat. No.	Origin	Vol. (ml)	€
S0250-500	Bovine (French origin)	500	N/A -
S0400-500	Calf	500	N/A -
S0400-1000	Calf	1000	N/A -
S0750-500	Newborn calf	500	N/A -
S0900-100	Donor horse	100	N/A -
S0900-500	Donor horse	500	N/A -
S0910-100	Horse	100	N/A -
S0910-500	Horse	500	N/A -
S0800-100	Donor Foal	100	N/A -
S2170-100	Donkey	100	N/A -
S2170-500	Donkey	500	N/A -
S2000-100	Goat	100	N/A -
S2000-500	Goat	500	N/A -
S2300-100	Lamb	100	N/A -
S2300-500	Lamb	500	N/A -
S2350-100	Sheep	100	N/A -
S2350-500	Sheep	500	N/A -
S2400-100	Pig	100	N/A -
S2400-500	Pig	500	N/A -
S0500-100	Hen	100	N/A -
S0500-500	Hen	500	N/A -
S2500-100	Rabbit (French origin)	100	N/A -
S2500-500	Rabbit (French origin)	500	N/A -
S2150-010	Rat	10	N/A -
S2150-100	Rat	100	N/A -
S2160-100	Mouse	100	N/A -
S2160-500	Mouse	500	N/A -

Human serum and plasma

Human serum HIV tested

Cat. No.	Volume (ml)	€
S4200-100	100	N/A -

Human AB male serum HIV tested

Cat. No.	Volume (ml)	€
S4190-100	100	N/A -

Human plasma pool

Cat. No.	Volume (ml)	€
S4180-100	100	N/A -
S4180-500	500	N/A -

Animal plasma

Cat. No.	Désignation	Volume (ml)	€
S0260-500	Bovine with sodium citrate	500	N/A -
S2600-500	Rabbit with EDTA	500	N/A -
S2140-100	Rat with heparin lithium	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

SERUM

HYCLONE range - Serum

FETALCLONE



Alternative to SVF US origin, filtered at 0.1 µm, ensures consistency in product quality.

- **FETALCLONE I: suitable for hybridomas**
- **FETALCLONE II: adapted to CHO cells (enriched with growth factors & supplements)**
- **FETALCLONE III: adapted to fibroblasts**

	100 ml		500 ml	
Type FETALCLONE	Cat. No.	€	Cat. No.	€
I	SH30080.02	N/A -	SH30080.03	N/A -
II)	SH30066.02	N/A -	SH30066.03	N/A -
III	SH30109.02	N/A -	SH30109.03	N/A -

	500 ml		1000 ml	
Désignation	Cat. No.	€	Cat. No.	€
South American Origin				
Fetal bovine serum research grade	SV30160.03	N/A -	-	-
USA Origin				
Defined fetal bovine serum	SH30070.03	N/A -	-	-
Characterised fetal bovine serum	SH30071.03	N/A -	-	-
Standard fetal bovine serum	SH30088.03	N/A -	-	-
Fetal bovine serum low IgG level	SH30898.03	N/A -	-	-
Fetal bovine serum Es screened	-	-	-	-
Newborn calf serum	SH30118.03	N/A -	SH30118.04	N/A -
Calf serum	SH30073.03	N/A -	-	-
Cosmic calf serum	SH30087.03	N/A -	SH30087.04	N/A -
Donor Adult bovine serum	SH30075.03	N/A -	-	-
Bovine growth serum	SH30541.03	N/A -	-	-
New Zealand Origin				
Newborn bovine serum	-	-	SH30401.02	N/A -
Characterised fetal bovine serum	SH30406.02	N/A -	SH30406.03	N/A -
Cosmic calf serum	SH30413.02	N/A -	SH30413.03	N/A -
Iron-supplemented calf serum	SH30626.02	N/A -	SH30626.03	N/A -
Australian origin				
Characterised fetal bovine serum	SH30084.03	N/A -	-	-

Fetal calf serum

US origin, specific, 500 ml bottle.

Cat. No.	Désignation	€
SH30070.03E	For embryonic stem cells	N/A -
SH30070.03M	For human mesenchymal stem cells	N/A -
SH30070.03I	For insect cells	N/A -

Corning® Range - Serum

Fetal calf serum

Cat. No.	Corning Cat. No.	Désignation	Vol. (ml)	€
702774	35-079-CV	EU compliant, south american origin	500	N/A -
702649	35-015-CV	PREMIUM, US origin	500	N/A -
702650	35-016-CV	PREMIUM, heat-inactivated, US origin	500	N/A -
702655	35-070-CV	PREMIUM, gamma irradiated,US origin	500	N/A -
702661	35-076-CV	Australian origin	500	N/A -



SERUM WITH TREATMENT ON REQUEST:

» INACTIVE
» IRON SUPPLEMENT
» IRRADIATED
» CARBON FILTER
» OTHER ON REQUEST

BSA

PAN BIOTECH range

Cat. No.	Désignation	Vol.	€
P06-1391025	BSA Fraction V	25 g	N/A -
P06-1391050	BSA Fraction V	50 g	N/A -
P06-1391100	BSA Fraction V	100 g	N/A -
P06-1391500	BSA Fraction V	500 g	N/A -
P06-1403500	BSA Fraction V 30 %	500 ml	N/A -
P06-139310	BSA Low Endotoxin	10 g	N/A -
P06-139350	BSA Low Endotoxin	50 g	N/A -
P06-26025	Human serum albumin	25 g	N/A -
P06-26050	Human serum albumin	50 g	N/A -

HYCLONE Range

BSA Lyophilized, PH 6.5-7.5, endotoxins ‹ 10EU/MG, cGMP

Cat. No.	Volume (g)	€
SH30574.01	10	N/A -
SH30574.02	100	N/A -

DD range - Lyophilised PH-7 BSA

	BSA		Protease free		Fatty acid free	
Quantity	Cat. No.	€	Cat. No.	€	Cat. No.	€
10 g	P6154-10GR	N/A -	-	-	-	-
100 g	P6154-100GR	N/A -	P6155-100GR	N/A -	P6156-100GR	N/A -
500 g	P6154-500GR	N/A -	P6155-500GR	N/A -	-	-
1 kg	-	-	P6155-1KG	N/A -	-	-

DD range - BSA

Cat. No.	Désignation	Vol. (ml)	€
A0296-100	BSA 30 %	100	N/A -

HSA

PAN BIOTECH range

Cat. No.	Désignation	Vol.	€
P06-26010	HSA, lyophilized powder	10 g	N/A -

DD range - Culture media

DMEM

High glucose 4.5 g/l with phenol red

L-Glutamine	HEPES	$NaHCO_3$	Sodium pyruvate	Cat. No.	Volume	€
Solution						
-	25 mM	√	-	**L0100-500**	500 ml	**N/A -**
-	-	√	-	**L0101-500**	500 ml	**N/A -**
√	-	√	-	**L0102-500**	500 ml	**N/A -**
Stable	-	√	√	**L0103-500**	500 ml	**N/A -**
√	-	√	√	**L0104-500**	500 ml	**N/A -**
-	-	√	√	**L0106-500**	500 ml	**N/A -**
Stable	25 mM	√	-	**L0107-500**	500 ml	**N/A -**
Powder						
√	-	-	√	**P0102-N1L**	1 l	**N/A -**
√	-	-	-	**P0103-N1L**	1 l	**N/A -**

Low glucose 1 g/l with phenol red

L-Glutamine	HEPES	$NaHCO_3$	Sodium pyruvate	Cat. No.	Volume	€
Solution						
√	-	√	√	**L0060-500**	500 ml	**N/A -**
-	-	√	√	**L0064-500**	500 ml	**N/A -**
√	25mM	√	√	**L0065-500**	500 ml	**N/A -**
Stable	-	√	√	**L0066-500**	500 ml	**N/A -**
Powder						
√	-	-	√	**P0061-N1L**	1 l	**N/A -**

DMEM-HAM'S F12 with phenol red

L-Glutamine	HEPES	$NaHCO_3$	Sodium pyruvate	Cat. No.	Volume	€
Solution						
-	-	√	√	**L0090-500**	500 ml	**N/A -**
-	-	√	√	**L0091-500***	500 ml	**N/A -**
Stable	15 mM	√	√	**L0092-500**	500 ml	**N/A -**
√	15 mM	√	√	**L0093-500**	500 ml	**N/A -**
-	15 mM	√	√	**L0094-500**	500 ml	**N/A -**
√	25 mM	√	√	**L0095-500**	500 ml	**N/A -**
-	25 mM	√	√	**L0096-500**	500 ml	**N/A -**
Powder						
√	15 mM	-	√	**P0095-N1L**	1 l	**N/A -**

* Glucose free

BME BASAL MEDIUM EAGLE

Earle's Salt	Hank's Salt	L-Glutamine	HEPES	$NaHCO_3$	Cat. No.	Vol.	€
Solution with phenol red							
√	-	-	-	√	**L0042-500**	500 ml	**N/A -**



- Powder also available in 10 l and 50 l

GLASCOW MEM BHK21

L-Glutamine	Cat. No.	Volume	€
Powdered - without tryptose phosphate broth			
√	**P0120-N1L**	1 l	**N/A -**

HAM'S F10

L-Glutamine	HEPES	$NaHCO_3$	Cat. No.	Volume	€
Solution with phenol red					
√	-	√	**L0140-500**	500 ml	**N/A -**
-	-	√	**L0145-500**	500 ml	**N/A -**
Powder					
√	-	-	**P0146-N1L**	1 l	**N/A -**

HAM'S F12

L-Glutamine	$NaHCO_3$	Cat. No.	Volume	€
Solution				
√	√	**L0135-500**	500 ml	**N/A -**
-	√	**L0136-500**	500 ml	**N/A -**
Powder				
√	-	**P0134-N1L**	1 l	**N/A -**

IMDM (Dulbecco's modified Iscove medium) with phenol red

L-Glutamine	HEPES	$NaHCO_3$	Cat. No.	Volume	€
Solution					
√	25 mM	√	**L0190-500**	500 ml	**N/A -**
Stable	25 mM	√	**L0191-500**	500 ml	**N/A -**
-	-	√	**L0192-500**	500 ml	**N/A -**
Powder					
√	25 mM	-	**P0191-N1L**	1 l	**N/A -**

LEIBOVITZ L15 medium

Cat. No.	Volume	€
Solution without L-Glutamine		
L0300-500	500 ml	**N/A -**
Powder with L-Glutamine		
P0350-N1L	1 l	**N/A -**

McCOY'S 5A

Cat. No.	Volume	€
Solution with L-Glutamine		
L0210-500	500 ml	**N/A -**
Powder with L-Glutamine, without NaHCO3		
P0390-N1L	1 l	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

DD range - Culture media

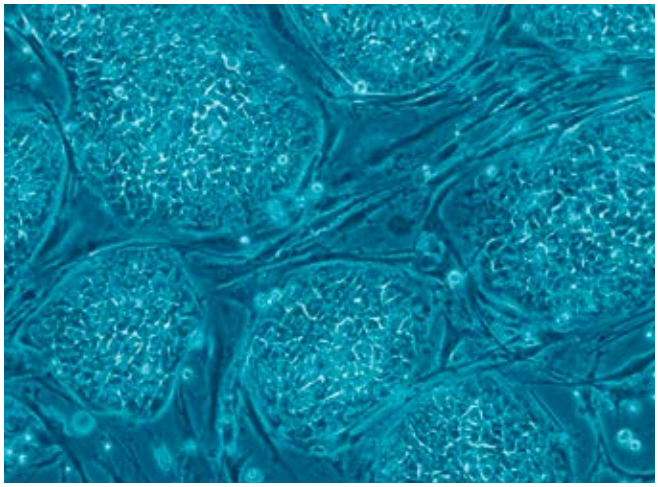
MEM modified ALPHA

L-Glutamine	$NaHCO_3$	Cat. No.	Volume	€
Solution without ribonucleosides and deoxyribonucleosides				
√	√	**L0475-500**	500 ml	**N/A -**
-	√	**L0476-500**	500 ml	**N/A -**
Powder with Earle's salt				
√	-	**P0440-N1L**	1 l	**N/A -**



M199

L-Glutamine	Earle's Salt	Hank's Salt	$NaHCO_3$	HEPES	Cat. No.	Volume	€
Solution							
√	-	√	√	-	**L0330-500**	500 ml	**N/A -**
√	√	-	1.25 g/l	-	**L0355-500**	500 ml	**N/A -**
-	√	-	√	-	**L0356-500**	500 ml	**N/A -**
Stable	√	-	√	√	**L0361-500**	500 ml	**N/A -**
Powder							
-	-	√	-	-	**P0410-N1L**	1 l	**N/A -**
√	√	-	-	-	**P0420-N1L**	1 l	**N/A -**
√	√	-	-	25 mM	**P0425-N1L**	1 l	**N/A -**



MEM (Minimum Essential Medium)

L-Glutamine	Earle's Salt	Hank's Salt	NEAA	HEPES	$NaHCO_3$	Cat. No.	Volume	€
Solution with phenol red								
√	√	-	-	-	√	**L0415-500**	500 ml	**N/A -**
Stable	√	-	-	-	√	**L0416-500**	500 ml	**12N/A -**
-	√	-	√	-	√	**L0430-500**	500 ml	**N/A -**
-	√	-	-	-	√	**L0440-500**	500 ml	**N/A -**
√	√	-	-	25 mM	√	**L0444-500**	500 ml	**N/A -**
-	-	√	-	25 mM	√	**L0470-500**	500 ml	**N/A -**
Powder								
√	√	-	√	-	-	**P0450-N1L**	1 l	**N/A -**
√	√	-	-	-	-	**P0451-N1L**	1 l	**N/A -**
√	-	√	√	-	-	**P0515-N1L**	1 l	**N/A -**

RMPI 1640

L-Glutamine	HEPES	Phenol red	$NaHCO_3$	Cat. No.	Volume	€
Solution						
√	-	√	√	**L0500-100**	100 ml	**N/A -**
√	-	√	√	**L0500-500**	500 ml	**N/A -**
-	-	√	√	**L0501-100**	100 ml	**N/A -**
-	-	√	√	**L0501-500**	500 ml	**N/A -**
Stable	-	√	√	**L0498-500**	500 ml	**N/A -**
√	25 mM	√	√	**L0495-500**	500 ml	**N/A -**
Stable	25 mM	√	√	**L0496-500**	500 ml	**N/A -**
-	25 mM	√	√	**L0490-500**	500 ml	**N/A -**
-	-	√	√	**L0503-500***	500 ml	**N/A -**
-	-	-	√	**L0505-500**	500 ml	**N/A -**
Powder						
√	-	√	-	**P0860-N1L**	1 l	**N/A -**
-	-	√	-	**P0870-N1L**	1 l	**N/A -**
√	-	-	-	**P0880-N1L**	1 l	**N/A -**
-	-	-	-	**P0871-N1L**	1 l	**N/A -**
√	25 mM	-	-	**P0876-N1L**	1 l	**N/A -**
√	-	-	-	**P0883-N1L**	1 l	**N/A -**

* without folic acid

Contact our "Sera and cell culture media " specialists



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PAN BIOTECH range - Culture media

Classic Culture media

Type of media	L-Glutamine	Sodium pyruvate	Phenol red	HEPES	Glucose	Sodium bicarbonate	Cat. No.	Volume	€
DMEM	-	-	√		-	3.7 g/l	P04-01548S1	500 ml	N/A -
	-	√	√		-	3.7 g/l	P04-01549	500 ml	N/A -
	√	√	√		-	3.7 g/l	P04-01551K	20 x 500 ml	N/A -
	-	-	-		-	3.7 g/l	P04-01548	500 ml	N/A -
	-	√	√		1 g/l	3.7 g/l	P04-01500	500 ml	N/A -
	√	√	√		1 g/l	3.7 g/l	P04-01550	500 ml	N/A -
	√	√	√		1 g/l	3.7 g/l	P04-01500-1000	1000 ml	N/A -
	Stable	√	√		1 g/l	3.7 g/l	P04-02500	500 ml	N/A -
	-	-	-		1 g/l	3.7 g/l	P04-03556K	20 x 500 ml	N/A -
	√	√	-		1 g/l	3.7 g/l	P04-01515	500 ml	N/A -
	Stable	√	-		1 g/l	3.7 g/l	P04-02500S1	500 ml	N/A -
	√	-	-		1 g/l	3.7 g/l	P04-01516K	20 x 500 ml	N/A -
	√	√	√	25 mM	1 g/l	3.7 g/l	P04-05551	500 ml	N/A -
	√	-	√		1 g/l	3.7 g/l	P04-01555	500 ml	N/A -
	-	-	√		4.5 g/l	3.7 g/l	P04-03500	500 ml	N/A -
	-	√	√		4.5 g/l	3.7 g/l	P04-03600	500 ml	N/A -
	√	-	√		4.5 g/l	3.7 g/l	P04-03550	500 ml	N/A -
	√	√	√		4.5 g/l	3.7 g/l	P04-03590	500 ml	N/A -
	Stable	-	√		4.5 g/l	3.7 g/l	P04-04500	500 ml	N/A -
	Stable	√	√		4.5 g/l	3.7 g/l	P04-04510	500 ml	N/A -
	-	-	-		4.5 g/l	3.7 g/l	P04-01161	500 ml	N/A -
	-	√	-		4.5 g/l	3.7 g/l	P04-01158	500 ml	N/A -
	√	√	-		4.5 g/l	3.7 g/l	P04-03591	500 ml	N/A -
	-	√	√	25 mM	4.5 g/l	3.7 g/l	P04-01597K	20 x 500 ml	N/A -
	√	-	√	25 mM	4.5 g/l	3.7 g/l	P04-05540	500 ml	N/A -
	√	-	-	25 mM	4.5 g/l	3.7 g/l	P04-05545K	20 x 500 ml	N/A -
	√	√	√	25 mM	4.5 g/l	3.7 g/l	P04-05550	500 ml	N/A -
	Stable	-	√	25 mM	4.5 g/l	3.7 g/l	P04-04550K	20 x 500 ml	N/A -
	-	-		25 mM	4.5 g/l	-	P04-03510K	20 x 500 ml	N/A -
DMEM powder	-	-	-	-	-	-	P03-0010	10 l	N/A -
	√	√	√	-	1 g/l	-	P03-0510	10 l	N/A -
	√	√	-	-	1 g/l	-	P03-01510	10 l	N/A -
	-	-			4.5 g/l	-	P03-6510	10 l	N/A -
	√	-			4.5 g/l	-	P03-0710	10 l	N/A -
	√	√	√		4.5 g/l	-	P03-0810	10 l	N/A -
	√	-		25 mM	4.5 g/l	-	P03-0910	10 l	N/A -
	√	√		25 mM	4.5 g/l	-	P03-1010	10 l	N/A -
DMEM/F12 (1:1)	-	√	√	-	√	1.2 g/l	P04-41450	500 ml	N/A -
	√	√	√	-	√	1.2 g/l	P04-41500	500 ml	N/A -
	Stable	√	√	-	√	1.2 g/l	P04-41150	500 ml	N/A -
	-	√	√	15 mM	√	1.2 g/l	P04-41550	500 ml	N/A -
	√	√	√	15 mM	√	1.2 g/l	P04-41250	500 ml	N/A -
	√	√	√	25 mM	√	1.2 g/l	P04-41252K	20 x 500 ml	N/A -
	-	√	√		-	1.2 g/l	P04-41151K	20 x 500 ml	N/A -
DMEM/F12 (1:1) Powder	-					-	P03-6010	10 l	N/A -
	√					-	P03-1110	10 l	N/A -
	√			15 mM		-	P03-6110	10 l	N/A -
	√			25 mM		-	P03-1210	10 l	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

PAN BIOTECH range - Culture media

Classic Culture media

Type of media	L-Glutamine	Sodium pyruvate	Phenol red	Glucose	HEPES	Sodium bicarbonate	Tryptose/ Phospahte	EBSS	Nucleosides	Cat. No.	Vol.	€
Alpha MEM Eagle	-					2.2 g/l			-	P04-21050	500 ml	N/A -
	√	√	√	√	-	2.2 g/l			-	P04-21060	500 ml	N/A -
	Stable					2.2 g/l			-	P04-21350K	20 x 500 ml	N/A -
	-	√	√	√	-	2.2 g/l			√	P04-21150K	20 x 500 ml	N/A -
	√	√	√	√	-	2.2 g/l			√	P04-21500	500 ml	N/A -
	Stable	√	√	√	-	2.2 g/l			√	P04-21250	500 ml	N/A -
	√			-		2.2 g/l			√	P04-21502K	20 x 500 ml	N/A -
Alpha MEM Eagle powder	-					-			√	P03-2410	10 l	N/A -
	√					-			√	P03-2510	10 l	N/A -
	√					-			-	P03-2310	10 l	N/A -
BME with EBSS	-	-	√	√	-	2.2 g/l		√		P04-25050	500 ml	N/A -
	√	-	√	√	-	2.2 g/l		√		P04-25500K	20 x 500 ml	N/A -
BME with HBSS	-	-	√	√	-	0.35 g/l		-		P04-26050	500 ml	N/A -
CMRL-1066	-		-	√	-	2.2 g/l			√	P04-84600	500 ml	N/A -
GLASGOW-MEM (BHK21)	-	-	√	√	-	2.75 g/l	-			P04-97500	500 ml	N/A -
	√	-	√	√	-	2.75 g/l	√			P04-96500	500 ml	N/A -
	-	-	√	√	-	2.75 g/l	√			P04-98500K	20 x 500 ml	N/A -
GLASGOW-MEM (BHK21) Powder	-					-	-			P03-3110	10 l	N/A -
	√					-	√			P03-6910	10 l	N/A -
	√					-	-			P03-6810	10 l	N/A -
HAM'S F10	-		√			1.2 g/l				P04-12050K	20 x 500 ml	N/A -
	√	√	√	√	-	1.2 g/l				P04-12500	500 ml	N/A -
	Stable	√	√	√	-	1.2 g/l				P04-13500K	20 x 500 ml	N/A -
HAM'S F10 powder	-					-				P03-5010	10 l	N/A -
	√					-				P03-3910	10 l	N/A -
	√				25 mM	-				P03-4010	10 l	N/A -
HAM'S F12	-	√	√	√	-	1.76 g/l				P04-14550	500 ml	N/A -
	√	√	√	√	-	1.76 g/l				P04-14500	500 ml	N/A -
	Stable	√	√	√	-	1.76 g/l				P04-15500	500 ml	N/A -
	√	√	-	√	25mM	1.76 g/l				P04-14501K	20 x 500 ml	N/A -
	-	√	-	√	-	1.76 g/l				P04-14559	500 ml	N/A -
HAM'S F12K	√	√	√	√	-	2.5 g/l				P04-15600K	20 x 500 ml	N/A -
HAM'S F12 powder	√					-				P03-4110	10 l	N/A -
IMDM	-	√	√	√		3.024 g/l				P04-20250	500 ml	N/A -
	√	√	√	√		3.024 g/l				P04-20350	500 ml	N/A -
	-	√	√	√	25 mM	3.024 g/l				P04-20050	500 ml	N/A -
	√		√	√	25 mM	3.024 g/l				P04-20150	500 ml	N/A -
	Stable		-	√	25 mM	3.024 g/l				P04-20451K	20 x 500 ml	N/A -
IMDM powder	-					-				P03-5210	10 l	N/A -
	√					-				P03-1310	10 l	N/A -
	√				25 mM	-				P03-1410	10 l	N/A -



PAN BIOTECH range - Culture media

Classic Culture media

Type of media	L-Glutamine	Sodium pyruvate	Phenol red	Glucose	HEPES	Sodium bicarbonate	Tryptose/ Phospahte	Antibiotics	EBSS	NEAA	Cat. No.	Volume	€
Joklik-MEM (modified for suspension culture)	√				3.6 g/l						P04-21300	500 ml	N/A -
	-					2 g/l		-	√		P04-21200K	20 x 500 ml	N/A -
Leibovitz's L-15	-	√	√	-	-	-					P04-27055	500 ml	N/A -
	√	√	√	-	-	-					P04-27500	500 ml	N/A -
	Stable	√	√	-		-					P04-27050K	20 x 500 ml	N/A -
	-		-			-					P04-27054K	20 x 500 ml	N/A -
Leibovitz's L-15 Powder	√	√	√	-	-	-					P03-1510	10 l	N/A -
	√	√	√	-	25 mM	-					P03-1610	10 l	N/A -
MCDB 131	-	√	√	√	-	1.176 g/l					P04-80057	500 ml	N/A -
	√	√	√	√	-	1.176 g/l					P04-80053K	20 x 500 ml	N/A -
	-	√	√	√	25 mM	1.176 g/l					P04-80054K	20 x 500 ml	N/A -
Mc COY'S 5A MEDIUM	√	-	√	√	-	2.2 g/l					P04-05500	500 ml	N/A -
	Stable	-	√	√	-	2.2 g/l					P04-06500	500 ml	N/A -
	√	-	√	√	25 mM	2.2 g/l					P04-05050K	20 x 500 ml	N/A -
MEM	-					-			√		P04-09050K	20 x 500 ml	N/A -
	-					2.2G/L			√		P04-08050	500 ml	N/A -
	-		-			2.2G/L			√		P04-00507K	20 x 500 ml	N/A -
	-				25mM	2.2G/L			√		P04-08150	500 ml	N/A -
	-					2.2G/L			√	√	P04-08509	500 ml	N/A -
	-					2.2G/L			√		P04-08500	500 ml	N/A -
	√	-	√	√	-	1.5G/L			√		P04-00509	500 ml	N/A -
	2 mM	1mM	√	√	-	1.5G/L	-	-	√	√	P04-08056	500 ml	N/A -
	√		-			1.5G/L			√		P04-00508K	500 ml	N/A -
	√					2.2G/L			√	√	P04-08510K	20 x 500 ml	N/A -
M199	-		√	√		2.2 g/l			√		P04-07500	500 ml	N/A -
	Stable	-	√	√	-	2.2 g/l			√		P04-07250K	20 x 500 ml	N/A -
	√		√	√	25 mM	2.2 g/l			√		P04-07150K	20 x 500 ml	N/A -
M199 with HBSS	-		√	√	-	-			-		P04-07753K	20 x 500 ml	N/A -
	√		√	√	25 mM	0.35 g/l			-		P04-07450K	20 x 500 ml	N/A -
WILLIAMS E	-	√	√	√		2.24 g/l					P04-29050	500 ml	N/A -
	√	√	√	√		2.24 g/l					P04-29500	500 ml	N/A -
	Stable	√	√	√		2.24 g/l					P04-29150	500 ml	N/A -
	-	√	-	√		2.24 g/l					P04-29510	500 ml	N/A -
RPMI 1640	-	-	√	√	-	2 g/l					P04-17500	500 ml	N/A -
	-	-	-	√	-	2 g/l					P04-16516	500 ml	N/A -
	-	-	√	√	25 mM	2 g/l					P04-18000	500 ml	N/A -
	-	-	√	√	-	-					P04-17510K	20 x 500 ml	N/A -
	-	-	√	√	25 mM	-					P04-17850K	20 x 500 ml	N/A -
	-	-	√	√	25 mM	2.2 g/l					P04-22500K	20 x 500 ml	N/A -
	-	-	√	√	20 mM	0.85 g/l					P04-19500K	20 x 500 ml	N/A -
	√	-	√	√	-	2 g/l					P04-16500	500 ml	N/A -
	√	-	-	√	-	2 g/l					P04-16515	500 ml	N/A -
	2 mM	1 mM	√	4.5 g/l	10 mM	1.5 g/l					P04-18047	500 ml	N/A -
	√	-	√	√	25 mM	2.2 g/l					P04-22100	500 ml	N/A -
	√	-	√	√	20 mM	0.85 g/l					P04-19550K	20 x 500 ml	N/A -
	√	-	√	-	-	2 g/l					P04-17545K	20 x 500 ml	N/A -
	Stable	-	√	√	-	2 g/l					P04-18500	500 ml	N/A -
	Stable	-	√	√	25 mM	2 g/l					P04-18050	500 ml	N/A -
	Stable	-	√	√	-	2 g/l					P04-18525	500 ml	N/A -
Powder	-					-					P03-7210	10 l	N/A -
	-		-			-					P03-7710	10 l	N/A -
	-		-		25 mM	-					P03-4410	10 l	N/A -
	√		-		25 mM	-					P03-4310	10 l	N/A -
	√		-			-					P03-7610	10 l	N/A -
	√				25 mM	-					P03-7310	10 l	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Corning Media range - Culture media



- On site manufacturing cGMP
- ISO 13485:2003 Certified
- Sterile (SAL 10^{-3})
- Liquids made with WFI water

Classic Culture media

Type of media	L-Glutamine	Sodium pyruvate	Phenol red	HEPES	Glucose	Sodium bicarbonate	Thyoglycerol	ß-Mercaptoethanol	Earle's Salt	Calcium & Magnesium	Nucleoside	L-Cystine / L-Methionine	Cat. No.	Corning Cat. No.	Vol. (ml)	Units/ box	€/ box
DMEM medium	+	+	+	-	4.5 g/L								702504	10-013-CVR	500	6	N/A -
	+	-	+	-	4.5 g/L								702512	10-017-CVR	500	6	N/A -
	-	+	+	-	4.5 g/L								702548	15-013-CMR	1000	6	N/A -
	-	+	+	-	4.5 g/L								702549	15-013-CVR	500	6	N/A -
	-	-	+	-	4.5 g/L								702555	15-017-CVR	500	6	N/A -
	-	+	+	25 mM	4.5 g/L								702557	15-018-CVR	500	6	N/A -
	-	+	-	-	4.5 g/L								702570	17-205-CVR	500	6	N/A -
HAM's F-12 and DMEM 50/50 Mix	+	+	+	-		+							702533	10-090-CVR	500	6	N/A -
	+	+	+	15 mM		+							702535	10-092-CVR	500	6	N/A -
	-	+	+	-		+							702563	15-090-CVR	500	6	N/A -
	+	+	-	-		+							702566	16-405-CVR	500	6	N/A -
IDMEM medium	+	+	+	25 mM		+	-	-					702510	10-016-CVR	500	6	N/A -
MEM medium	+	-	+			+			+	+			702502	10-010-CVR	500	6	N/A -
	-	-	+			+			+	+			702546	15-010-CVR	500	6	N/A -
	-	-	-			+			+	+			702573	17-305-CVR	500	6	N/A -
MEM Alpha medium	+	+	+			+			+		+		702513	10-022-CVR	500	6	N/A -
	-	+	+			+			+		-		702547	15-012-CVR	500	6	N/A -
199 modified medium	+		+			+			+				702528	10-060-CVR	500	6	N/A -
McCoy's 5A medium, Iwakata & Grace Modification	+		+	-		+							702526	10-050-CVR	500	6	N/A -
Ham's F-10 medium	+												702529	10-070-CVR	500	6	N/A -
Ham's F-12 medium	+												702531	10-080-CVR	500	6	N/A -
Leibovitz L-15 medium	+	+	+										702525	10-045-CVR	500	6	N/A -
MCDB 131 Medium	-												702564	15-100-CVR	500	6	N/A -
F-12K nutrient medium Kaighn modification	+	+	+		+	+							702515	10-025-CVR	500	6	N/A -
RPMI 1640 Medium	+		+	-	+	+						+	702519	10-040-CVR	500	6	N/A -
	+		+	25 mM		+						+	702523	10-041-CVR	500	6	N/A -
	-		+	25 mM		+						+	702561	15-041-CVR	500	6	N/A -
	-		-	-		+						+	702568	17-105-CVR	500	6	N/A -
	-		+	-		+						+	702559	15-040-CVR	500	6	N/A -

DD range - Buffered saline solutions

DPBS

Cat. No.	Volume	€
DPBS without calcium, without magnesium		
L0615-100	100 ml	N/A -
L0615-500	500 ml	N/A -
L0615-1000	1 l	N/A -
L0615-C10LS	10 l	N/A -
DPBS 10 x without calcium, without magnesium		
X0515-500	500 ml	N/A -
X0515-C10LS	10 l	N/A -
DPBS, 10 x with calcium, with magnesium		
X0520-500	500 ml	N/A -
DPBS powder without calcium, without magnesium		
P0750-N1L	1 l	N/A -
P0750-N10L	10 l	N/A -



EBSS - Earle's balanced salt solution, phenol red

Cat. No.	Désignation	Volume	€
L0601-500	Without Calcium, without magnesium	500 ml	N/A -
EBSS 10x without sodium bicarbonate			
X0112-500	With calcium with magnesium	500 ml	N/A -
X0113-500	Without Calcium, without magnesium	500 ml	N/A -

HEPES

Cat. No.	Désignation	€
L0180-100	HEPES 1M Buffer - 100 ml	N/A -
L0180-500	HEPES 1M Buffer - 500 ml	N/A -

Other salts and buffer solutions

Cat. No.	Désignation	€
L0642-100	Sodium Pyruvate 100 mM - 100 ml	N/A -
L0642-500	Sodium Pyruvate 100 mM - 500 ml	N/A -
L0643-100	Potassium chloride 0.075 M - 100 ml	N/A -
L0643-500	Potassium chloride 0.075 M - 500 ml	N/A -
P2035-500GR	Potassium Chloride - 500 g	N/A -
L0680-100	Sodium bicarbonate 7.5% - 100 ml	N/A -
L0680-500	Sodium bicarbonate 7.5% - 500 ml	N/A -
P2060-500GR	Sodium bicarbonate, cell culture tested - 500 g	N/A -

HBSS - Hank's balanced salt solution

Cat. No.	Calcium	Magnesium	Sodium bicarbonate	Phenol red	Volume (ml)	€
L0605-500	-	-	-	-	500 ml	N/A -
L0606-500	√	√	√	√	500 ml	N/A -
L0607-500	-	-	√	-	500 ml	N/A -
L0611-500	-	-	√	√	500 ml	N/A -
L0612-500	√	√	√	-	500 ml	N/A -
HBSS 10X						
X0507-500	-	-	-	-	500 ml	N/A -
X0509-500	√	√	-	√	500 ml	N/A -
X0510-500	-	-	√	-	500 ml	N/A -
X0513-500	-	-	-	√	500 ml	N/A -

PBS 10X

Cat. No.	Volume	€
091591	500 ml	N/A -
091549	1 l	N/A -

- Sterile
- Used for reagent preparation, cell dilution, cell washing

PBS buffered solutions in tablets

Cat. No.	Désignation	Units/ box	€/ box
548664	PBS pH 7.2	10	N/A -
672458	PBS pH 7.4	10	N/A -

- Preparation for 1 litre solution
- Ready in minutes
- Autoclavable

PanReac AppliChem ITW Reagents

Corning® Range - Solutions Buffered saline solutions

PBS ithout calcium, without magnesium, pH 7.4

Cat. No.	Corning Cat. No.	Volume	Units/ box	€/ box
702594	21-040-CVR	500 ml	6	N/A -
702592	21-040-CMR	1 l	6	N/A -

PBS 10 X, pH 7.4

Cat. No.	Corning Cat. No.	Volume	Units/ box	€/ box
702679	46-013-CM	1 l	6	N/A -

HEPES 1M

Cat. No.	Corning Cat. No.	Volume	Units/ box	€/ box
702623	25-060-CI	100 ml	6	N/A -

HBSS

Cat. No.	Corning Cat. No.	Désignation	Phenol red	Vol.	Units/ box	€/ box
702579	21-020-CVR	With calcium and magnesium	√	500 ml	6	N/A -
702581	21-021-CVR	Without Calcium, without magnesium	√	500 ml	6	N/A -
702583	21-022-CVR	Without Calcium, without magnesium	Without	500 ml	6	N/A -
702585	21-023-CVR	With calcium and magnesium	Without	500 ml	6	N/A -

DPBS

Cat. No.	Corning Cat. No.	Désignation	Vol.	Units/ box	€/ box
702587	21-030-CVR	1 X, with calcium and magnesium	500 ml	6	N/A -
702589	21-031-CVR	1 X, without calcium, without magnesium	500 ml	6	N/A -
702576	20-030-CVR	10 X, with calcium with magnesium	500 ml	6	N/A -
702577	20-031-CVR	10 X, without calcium, without magnesium	500 ml	6	N/A -
702586	21-030-CM	1X with calcium with magnesium	1 l	6	N/A -
702588	21-031-CM	1x without calcium, without magnesium	1 l	6	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

BUFFERED SALINE SOLUTIONS

PAN BIOTECH range - Buffered salt solutions

DPBS

Cat. No.	Désignation	Ca^{2+}	Mg^{2+}	Vol.	€
P04-36500	DPBS (1 x)	-	-	500 ml	N/A -
P04-53500	DPBS (10 x)	-	-	500 ml	N/A -
P04-362500	Non-sterile DPBS	-	-	2.5 l	N/A -
P04-35500	DPBS (1 x)	√	√	500 ml	N/A -
P04-37500	DPBS (10 x)	√	√	500 ml	N/A -

EBSS

Cat. No.	Désignation	Phenol red	Ca^{2+}	Mg^{2+}	$NaHCO_3$	Vol.	€
P04-30500K	EBSS	√	√	√	√	20 x 500 ml	N/A -
P04-39500K	EBSS	-	√	√	-	20 x 500 ml	N/A -
P04-31500K	EBSS	√	-	-	2.2 g/l	20 x 500 ml	N/A -
10X concentration							
P04-47500	EBSS (10 x)	-	-	-		500 ml	N/A -

HEPES 1M

Cat. No.	Désignation	Vol.	€
P05-01100	Hepes solution, 1 M	100 ml	N/A -
P05-01500	Hepes solution, 1 M	500 ml	N/A -

HBSS

Cat. No.	Description	Phenol red	Ca^{2+}	Mg^{2+}	$NaHCO_3$	Vol.	€
P04-32100	HBBS	√	√	√	0.35 g/l	100 ml	N/A -
P04-32500	HBBS	√	√	√	0.35 g/l	500 ml	N/A -
P04-49100K	HBBS (10x)	√	√	√	-	20 x 100 ml	N/A -
P04-49500K	HBBS (10x)	√	√	√	-	20 x 500 ml	N/A -
P04-32105	HBBS	-	√	√	0.35 g/l	100 ml	N/A -
P04-32505	HBBS	-	√	√	0.35 g/l	500 ml	N/A -
P04-49105K	HBBS (10x)	-	√	√	-	20 x 100 ml	N/A -
P04-49505K	HBBS (10x)	-	√	√	-	20 x 500 ml	N/A -
P04-33100	HBBS	√	-	-	0.35 g/l	100 ml	N/A -
P04-33500	HBBS	√	-	-	0.35 g/l	500 ml	N/A -
P04-50100	HBBS (10x)	√	-	-	-	100 ml	N/A -
P04-50500	HBBS (10x)	√	-	-	-	500 ml	N/A -
P04-34100	HBBS	-	-	-	0.35 g/l	100 ml	N/A -
P04-34500	HBBS	-	-	-	0.35 g/l	500 ml	N/A -
P04-50105K	HBBS (10x)	-	-	-	-	20 x 100 ml	N/A -
P04-50505K	HBBS (10x)	-	-	-	-	20 x 500 ml	N/A -

Other salts

Cat. No.	Désignation	Vol.	€
P04-44100	Sodium bicarbonate solution, 7.5%	100 ml	N/A -
P04-43100	Sodium pyruvate - 100 mM solution	100 ml	N/A -
P05-39500	Isotonic saline solution	500 ml	N/A -

HYCLONE range - Buffered saline solutions

DPBS

Cat. No.	Ca^{2+}	Mg^{2+}	Vol.	€
Concentration 1 X				
SH30028.01	-	-	100 ml	N/A -
SH30028.02	-	-	500 ml	N/A -
SH30028.03	-	-	1 l	N/A -
SH30264.01	√	√	500 ml	N/A -
SH30264.02	√	√	1 l	N/A -
Concentration 10 X				
SH30378.02	-	-	500 ml	N/A -
SH30378.03	-	-	1 l	N/A -

EBSS

Cat. No.	Phenol red	Ca^{2+}	Mg^{2+}	Vol.	€
Concentration 1 X					
SH30029.02	√	√	√	500 ml	N/A -

HEPES 1 M solution

Cat. No.	Volume	€
SH30237.01	100 ml	N/A -

HBSS

Cat. No.	Phenol red	Ca^{2+}	Mg^{2+}	Vol.	€
SH30030.02	√	√	√	500 ml	N/A -
SH30031.02	√	-	-	500 ml	N/A -
SH30031.03	√	-	-	1000 ml	N/A -
SH30268.01	-	√	√	100 ml	N/A -
SH30268.02	-	√	√	500 ml	N/A -
SH30588.01	-	-	-	100 ml	N/A -
SH30588.02	-	-	-	500 ml	N/A -

PBS pH 7.2

Without Calcium, without magnesium and without phenol red

Cat. No.	Volume	€
Concentration 1 X		
SH30256.01	500 ml	N/A -
SH30256.02	1 l	N/A -
Concentration 10 X		
SH30258.01	500 ml	N/A -
SH30258.02	1 l	N/A -

Find the waters for cell culture on page 116



PAN BIOTECH range - Amino acids, vitamins, additives

Amino acids and vitamins

Cat. No.	Désignation	Vol.	€
P04-80050	L-Glutamine, 200 mM	50 ml	N/A -
P04-80100	L-Glutamine, 200 mM	100 ml	N/A -
P04-80100-1000	L-Glutamine, 200 mM	1000 ml	N/A -
P04-82050	Stabilised glutamine	50 ml	N/A -
P04-82100	Stabilised glutamine	100 ml	N/A -
P08-30100	MEM (50 x), without L-Glutamine	100 ml	N/A -
P08-31100	MEM (50 x), with L-Glutamine	100 ml	N/A -
P08-32100	MEM NEAA (100 x)	100 ml	N/A -
P08-40100	BME vitamin solution	100 ml	N/A -
P08-41100	MEM (100 x), vitamin solution	100 ml	N/A -

Various cell culture reagents

Cat. No.	Désignation	Vol.	€
P07-02100	Hat additive 50 x	100 ml	N/A -
P07-01100	HT additive 50 x	100 ml	N/A -
P07-03100	ITS solution 100 x	5 ml	N/A -
P07-03110	ITS solution 100 x	10 ml	N/A -
P07-04300	Human Insulin 10 mg/ml	10 ml	N/A -
P07-04200	Recombinant human insulin	100 mg	N/A -
P07-06100MG	Bovine Insulin	100 mg	N/A -
P07-0610MG	Bovine Insulin	10 mg	N/A -
P07-05020	B-mercaptoethanol 50 mm in PBS	20 ml	N/A -
P07-05100	B-mercaptoethanol 50 mm in PBS	100 ml	N/A -
P08-34100	Trypan blue 0.4 %	100 ml	N/A -
P08-02100	Pluronic f-68 10 %	100 ml	N/A -
P07-91010	Colcemide solution 10 µg/ml	10 ml	N/A -

DD range - Amino acids, vitamins, additives

Glutamine

Cat. No.	Désignation	€
X0550-100	L-Glutamine 100 X, 200 mM - 100 ml	N/A -
X0551-100	Stable Glutamine 100 X, 200 mM - 100 ml	N/A -

Vitamins

Cat. No.	Désignation	€
X0556-100	MEM vitamins 100X without L-Glutamine - 100 ml	N/A -
X0557-100	MEM non-essential amino acids 100X without L-Glutamine - 100 ml	N/A -

Colcemide

Cat. No.	Désignation	€
L0040-010	Colcemide 10 µg/ml - 10 ml	N/A -
L0040-020	Colcemide 10 µg/ml - 20 ml	N/A -
L0040-050	Colcemide 10 µg/ml - 50 ml	N/A -

Logos range - Amino acids, vitamins, additives

Erythrosine B

- **Red liquid solution**
- **For viability tests(dye penetrates dead cells)**

Cat. No.	Units/ box	€/ box
596504	200 tests	N/A -

Corning® Range - Amino acids, vitamins, additives

Glutamine

Cat. No.	Corning Cat. No.	Volume	Units/ box	€/ box
702596	25-005-CI	100 ml	6	N/A -
702597	25-005-CV	500 ml	6	N/A -

Glutagro stabilised form of L-glutamine

- **No degradation during storage and incubation**

Cat. No.	Corning Cat. No.	Volume	Units/ box	€/ box
702598	25-015-CI	100 ml	1	N/A -

Non-essential amino acids 100 X MEM

Cat. No.	Corning Cat. No.	Volume	Units/ box	€/ box
702603	25-025-CIR	100 ml	6	N/A -

Supplement

- **ITS PREMIX stimulates cell proliferation under reduced serum conditions**

Cat. No.	Désignation	Vol.	€
354351	ITS PREMIX universal culture supplement - Lyophilized	5 ml	N/A -
354350	ITS PREMIX universal culture supplement - Lyophilized	20 ml	N/A -
354352	ITS+ PREMIX universal culture supplement - aqueous soil	20 ml	N/A -

Various reagents

Reagent type	Concentration	Cat.No.	Corning Cat. No.	Vol. (ml)	Units/ box	€/ box
Glucose	45 %	702606	25-037-CIR	100	1	N/A -
Sodium piruvate NaCl	100 mM 8.5 g/l	702595	25-000-CIR	100	6	N/A -
Blue Trypan solution PBS NaCl K_2HPO_4	0.4 % 8.1 g/l 0.6 g/l	702630	25-900-CI	100	1	N/A -
ITS (Insulin Transferin Selenium)	-	702629	25-800-CR	10	1	N/A -

HYCLONE range - Amino acids, vitamins, additives

Glutamine

Cat. No.	Volume	Units/ box	€/ box
SH30034.01	100 ml	1	N/A -
SH30034.02	500 ml	1	N/A -

100 mM sodium pyruvate solution

Cat. No.	Volume	Units/ box	€/ box
SH30239.01	100 ml	1	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

PAN BIOTECH range - Antibiotics



OTHER ANTIBIOTICS ON REQUEST:
TIAMULIN 1 mg/ml, ZEOCINE 100 mg/ml

Antibiotic powder

Cat. No.	Désignation	Vol.	€
P06-01050P	Amphotericin b (fungizone)	50 mg	**N/A -**
P06-01100P	Amphotericin b (fungizone)	100 mg	**N/A -**
P06-01225P	Water-soluble amphotericin b (fungizone)	25 mg	**N/A -**
P06-080050P	Hygromycin b	50 mg	**N/A -**
P06-04010P	Kanamycin	10 g	**N/A -**
P06-08025P	Penicillin g potassium salts	25 g	**N/A -**
P06-11050P	Streptomycin sulphate	50 g	**N/A -**

Antibiotics solution

Désignation	20 ml	50 ml	100 ml
Amphotericin B (Fungizone) 250 µg/ml	-	**P06-01050**	**P06-01100**
€	-	**N/A -**	**N/A -**
Hygromycin B 50 mg/ml	**P06-08020**	-	**P06-08100**
€	**N/A -**	-	**N/A -**
Gentamycin sulphate 10 mg/ml	-	**P06-03050**	**P06-03100**
€	-	**N/A -**	**N/A -**
Gentamycin sulphate 50 mg/ml	-	**P06-13050**	**P06-13100**
€	-	**N/A -**	**N/A -**
Kanamycin sulphate 5 mg/ml	-	**P06-04050**	**P06-04100**
€	-	**N/A -**	**N/A -**
Kanamycin sulphate 10 mg/ml	-	**P06-14050**	-
€	-	**N/A -**	-
Kanamycin sulphate 50 mg/ml	-	**P06-15050**	**P06-15100**
€	-	**N/A -**	**N/A -**
Minocycline 0.5 mg/ml	-	**P06-05050**	**P06-05100**
€	-	**N/A -**	**N/A -**
Neomycin sulphate 10 mg/ml	-	**P06-06050**	**P06-06100**
€	-	**N/A -**	**N/A -**
Nyastatin Solution 10 000 U/ml	-	-	**P06-07800**
€	-	-	**N/A -**
Penicillin/streptomycin 10 000 U/10 mg/ml		**P06-07050**	**P06-07100**
€	-	**N/A -**	**N/A -**
Penicillin/streptomycin/fungizone 10 000 U/ 10 ml/ 25 µg	-	**P06-07350**	**P06-07300**
€	-	**N/A -**	**N/A -**

DD range - Antibiotics

Cat. No.	Désignation	Vol.	€
L0009-050	Amphotericin B	50 ml	**N/A -**
L0009-100	Amphotericin B	100 ml	**N/A -**
L0010-020	Antibiotic-Antimycotic 100 X	20 ml	**N/A -**
L0010-100	Antibiotic-Antimycotic 100 X	100 ml	**N/A -**
L0011-010	Gentamicin sulphate 10 mg/ml	10 ml	**N/A -**
L0011-100	Gentamicin sulphate 10 mg/ml	100 ml	**N/A -**
L0012-010	Gentamicin sulphate 50 mg/ml	10 ml	**N/A -**
L0012-100	Gentamicin sulphate 50 mg/ml	100 ml	**N/A -**
P4020-1GR	Gentamicin sulphate	1 g	**N/A -**
P4020-5GR	Gentamicin sulphate	5 g	**N/A -**
L0014-100	Glutamine-Penicillin-Streptomycin 100 X	100 ml	**N/A -**
L0015-020	G-418 (Geneticin) Solution	20 ml	**N/A -**
L0015-100	G-418 (Geneticin) Solution	100 ml	**N/A -**
P0017-1GR	G-418 SULFATE	1 g	**N/A -**
P0017-5GR	G-418 SULFATE	5 g	**N/A -**
L0018-100	Penicillin-Streptomycin	100 ml	**N/A -**
L0022-020	Penicillin-Streptomycin solution 100 X	20 ml	**N/A -**
L0022-100	Penicillin-Streptomycin solution 100 X	100 ml	**N/A -**
P0018-1MU	Penicillin G sodium salt	1 million units	**N/A -**
L-X16-010	Nanomycopulitine concentrate 20 x	10 ml	**N/A -**
L-X16-100	Nanomycopulitine concentrate 20 x	100 ml	**N/A -**

GR: powder

HYCLONE range - Antibiotics

Cat. No.	Désignation	Vol.	€
SV30079.01	Antibiotic antimycotic solution 100 X 10000 µl/ml	100 ml	**N/A -**
SV30078.01	Amphotericin B (fungizone) solution 250 µg/ml	50 ml	**N/A -**
SV30010	Penicillin/streptomycin solution: penicillin 10000 µl/ml, streptomycin 10000 µg/ml in 0.85 % NaCl	100 ml	**N/A -**

Corning® Range - Antibiotics

Reagent type	Concen-tration	Cat.No.	Corning Cat. No.	Vol.	Units/ box	€/ box
Amphotericin B solution	250 µg/ml	**702634**	30-003-CF	50 ml	6	**N/A -**
Atb combined 8.5g/L NaCl: Penicillin Streptomycin Amphotericin	10000 µl/ml 10000 µg/ml 25 µg/ml	**702635**	30-004-CI	100 ml	6	**N/A -**
Blasticidin S HCl	-	**702639**	30-100-RB	50 ml	5	**N/A -**
G418 Sulphate	50 mg/ml	**702641**	30-234-CR	20 ml	1	**N/A -**
G418 Sulphate	50 mg/ml	**702640**	30-234-CI	100 ml	1	**N/A -**
Gentamicin sulphate	50 mg/ml	**702636**	30-005-CR	10 ml	1	**N/A -**
Hygromycin B	50 mg/ml	**702642**	30-240-CR	20 ml	1	**N/A -**
Solution 50 x: Penicillin Streptomycin	5000 µl/ml 5000 µg/ml	**702632**	30-001-CI	100 ml	6	**N/A -**
Solution 100 x: Penicillin Streptomycin	10000 µl/ ml 10000 µg/ ml	**702633**	30-002-CI	100 ml	6	**N/A -**
Solution 100 x: Penicillin Streptomycin L-Glutamine	10000 µl/ml 10000 µg/ml 29.2 mg/ml	**702638**	30-009-CI	100 ml	6	**N/A -**
Puromycin dihydrochlorin	Powder	**702747**	61-385-RA	0.1 g	-	**N/A -**

Our "Sera and cell culture media " specialists



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Cell dissociation

DD Range

Trypsin without calcium without magnesium - solution

Cat. No.	Désignation	Phenol red	Vol. (ml)	€
L0909-100	Trypsin 0.25% in PBS	√	100	N/A -
L0910-100	Trypsin 0.25 % in PBS		100	N/A -
L0930-100	Trypsin-EDTA 1X in PBS	√	100	N/A -
L0930-500	Trypsin-EDTA 1X in PBS	√	500	N/A -
L0931-100	Trypsin 0.25% - EDTA in HBSS	√	100	N/A -
L0932-100	Trypsin 0.25% - EDTA 0.02 % in HBSS	√	100	N/A -
X0915-100	Trypsin 2.5% in PBS		100	N/A -
L0940-100	Trypsin-EDTA 1X in PBS		100	N/A -
X0930-100	Trypsin -EDTA 10X		100	N/A -
X0920-100	Trypsin 2.5% in HBSS		100	N/A -

Trypsin - powder

Cat. No.	Désignation	Weight	€
P5957-100GR	Trypsin 1:250 powder (porcine)	100 g	N/A -

Versene

Cat. No.	Désignation	€
L0630-100	Versene - 100 ml	N/A -

Accutase

- Alternative to trypsin
- Detachment and dissociation of adherent cells, without mammalian compounds

Cat. No.	Volume	Storage temperature	€
L0950-100	100 ml	-20 °C	N/A -

TIP

All our trypsins are available in 500 ml



PAN BIOTECH range

Tryspine

Cat. No.	Désignation	Ca^{2+}	Mg^{2+}	Phenol red	Vol.	€
P10-021100	Trypsin (1 x) 0.25 % PBS	Without	Without	-	100 ml	N/A -
P10-022100	Trypsin 2.5 % (10 x) PBS	Without	Without	-	100 ml	N/A -
P10-020100	Trypsin 0.25 % EDTA 0.02 % PBS	Without	Without	-	100 ml	N/A -
P10-019100	Trypsin 0.25 % EDTA 0.02 % PBS	Without	Without	With	100 ml	N/A -
P10-023100	Trypsin 0.05 % EDTA 0.02 %PBS	Without	Without	-	100 ml	N/A -
P10-023100SP	Trypsin 0.05 % EDTA 0.02 %PBS	Without	Without	With	100 ml	N/A -
P10-024100	Trypsin 0.5 % EDTA 0.2 % PBS	Without	Without	-	100 ml	N/A -
P10-027100	Trypsin 0.05 % EDTA (10 x) 0.1 % PBS	Without	Without	-	100 ml	N/A -
P10-028100	Trypsin / EDTA PBS 0.25 % Trypsin 1 mM EDTA 4 Na	-	-	-	100 ml	N/A -
P10-040100	Trypsin 0.05 % EDTA 0.02 % x 4 Na, HBSS	-	-	With	100 ml	N/A -
P10-100100	Trypsin special solution ES cells	-	-	-	100 ml	N/A -
Powder						
P10-025100P	Trypsin powder (porcine origin) 1:250				100 g	N/A -
P10-041500	Trypsin powder Rec. Hum. EDTA 0.2 %				500 g	N/A -

Cat. No.	Désignation	Vol.	€
LS0002100	Purified Dispase neutral proteases	10 mg	N/A -
P10-033100	Trypsin inhibitor 1 mg/ml	100 ml	N/A -

Accutase

- Ready to use
- Mild solution for cell detachment
- Without neutralisation
- Low risk of contamination
- Accutase enzymes (activity › 500 U/ml) in DPBS without Ca/Mg with 0.5 mM EDTA and phenol red

Cat. No.	Volume	€
P10-21100	100 ml	N/A -

Accutase applications

- For membrane receptors and/or cytometry
- For cells that have difficulty growing or re-culturing sensitive cells
- Avoids loss and damage caused by trypsination

Accumax

- Ready to use, more concentrated
- Dissociation of spheroids to obtain a cell suspension from aggregates for accurate cell counting
- Trypsin replacement
- Anti-agglutination agent for cell culture
- Flow Cytometry
- Fluorescence activated cell sorting (FACs)
- Composition: Accutase enzymes (activity › 1200-2000 U/ml) in DPBS without Ca/Mg with 0.5 mM EDTA

Cat. No.	Volume	€
P10-21200	100 ml	N/A -
P10-21250	500 ml	N/A -



HYCLONE range - Cell dissociation

Cat. No.	Désignation	Volume (ml)	€
Trypsin without calcium, without magnesium, in HBSS			
SH30042.01	Trypsin, 0.25 % 1X with 0.2 g/l EDTA	100	N/A -
SH30042.02	Trypsin, 0.25 % 1X with 0.2 g/l EDTA	500	N/A -
SH30236.01	Trypsin, 0.05 % 1X with 0.2 g/l EDTA	100	N/A -
SH30236.02	Trypsin, 0.05 % 1X with 0.2 g/l EDTA,	500	N/A -
SV30031.01	Trypsin 0.25 % 1X Solution, with 0.1 % EDTA	100	N/A -
SV30037.01	Trypsin 2.5% 10X Solution, without EDTA, without Phenol Red	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

CELLULAR DISSOCIATION / CRYOCONSERVATION

Corning® Range - Cell dissociation

Trypsin

Reagent type	Concen-tration	Cat.No.	Corning Cat. No.	Vol. (ml)	Units/ box	€/ box
HBSS buffer without Calcium and magnesium Tested without porcine parvovirus	0.25 %	**702609**	25-050-CI	100	6	**83.02 -**
EDTA HBSS Buffer without calcium and magnesium Tested without porcine parvovirus	0.05 % 0.53 mM	**702610**	25-051-CI	100	6	**82.32 -**
EDTA HBSS Buffer	0.05 % 0.53 mM	**702611**	25-052-CI	100	6	**72.78 -**
EDTA HBSS Buffer	0.25 % 2.21 mM	**702613**	25-053-CI	100	6	**119.77 -**

Cell dissociation agent - Cellstripper

- **Non-enzymatic dissociation**
- **Soft disassociation**
- **Mixture of chelators**

Cat. No.	Désignation	Corning Cat. No.	Volume (ml)	Units/ box	€/ box
702622	Liquid cellstripper	25-056-C	100	6	**119.43 -**

Accutase - cell detachment solution

- **Ready to use**

Applications

- **For membrane receptors or cytometry**
- **For cells that have difficulty growing or re-culturing sensitive cells**
- **Avoids loss and damage caused by trypsination**

Cat. No.	Corning Cat. No.	Désignation	Vol. (ml)	Units/ box	€/ box
702762	25-058-CI	Accutase - Solution in DPBS	100	1	**55.81 -**

Cryoconservation

PAN BIOTECH range

CRYOPAN

Cryopreservation medium. Without SVF ready to use.

Cat. No.	Désignation	Volume	Storage T°	€
P07-92010	CRYOPAN	10 ml	- 20° C	**27.40 -**
P07-92050	CRYOPAN	50 ml	- 20° C	**189.20 -**

DMSO

Cat. No.	Désignation	Vol.	€
P60-36720100	DMSO	100 ml	**129.70 -**

FREEZING freezing medium. Based on DMEM supplemented with SVF + DMSO. Facilitates cell survival during and after freezing, and allows a high growth rate after freezing.

Cat. No.	Désignation	Volume	Storage T°	€
P07-90050	FREEZING	50 ml	- 20° C	**90.50 -**

Corning® Range

DMSO

Endotoxin levels ‹ 0.1 EU/ml

Cat. No.	Corning Cat. No.	Vol.	€
702631	25-950CQC	250 ml	**117.41 -**

HYCLONE range

- **Cryopreservation medium for cells (HYCRYO) or stem cells (HYCRYO-STEM)**
- **Serum free, contains DMSO**
- **Chemically defined**
- **Reduces osmotic shock during freezing**
- **Stem cells frozen with Hy-Cryo-STEM medium show better viability after thawing than cells frozen with growth medium and 10% DMSO**

Cat. No.	Désignation	€
SR30001.02	Hycryo, 100 ml	**262.64 -**
SR30002.02	Hycryo-stem, 100 ml	**208.11 -**

All prices are indicative and exclude VAT. Visit www.dutls.nl

Corning® Range - Growth Factors

- 0.2 µm filter
- Tested negative for bacteria, yeast and mycoplasma

Corning® epidermal growth factor (EGF) cell culture grade

- Male mouse origin
- Lyophilised in ammonium acetate

Cat. No.	Quantity	€
354001	100 µg	N/A -

Corning® epidermal growth factor (EGF) Human recombinant

- Human recombinant
- Lyophilized in acetic acid

Cat. No.	Quantity	€
354052	100 µg	N/A -

Corning® endothelial growth supplement (ECGS)

- Lyophilized in NaCl
- Bovine brain origin

Cat. No.	Quantity	€
354006	15 mg	N/A -
356006	100 mg	N/A -

Corning® fibroblast growth factor (bFGF)

- Frozen solution
- Human recombinant

Cat. No.	Quantity	€
354060	10 µg	N/A -

Corning® mito + serum extender

- Defined formulation of hormones, growth factors (EGF and FGF)
- Can be used for a wide variety of cells in serum-free or reduced serum conditions

Cat. No.	Quantity	€
355006	5 ml	N/A -

Corning® bovine pituitary extract (BPE)

- For epithelial and endothelial cells
- Contains growth factors (FGF) and hormones
- Lyophilized in NaCl

Cat. No.	Quantity	€
354123	15 mg	N/A -

Interleukins

- Corning® IL-2 human recombinant
- Frozen product
- Endotoxin Tested (LAL assay)

Cat. No.	Quantity	€
354043	BRPM 10000 units	N/A -

OTHER INTERLEUKINS AND GROWTH FACTORS ON REQUEST

Cell proliferation

Cell proliferation - XTT kit

Kit for the quantification of cell proliferation and viability, without the use of radioactive isotopes.
Reduction of XTT by cell mitonchondria, appearance of an orange colour.



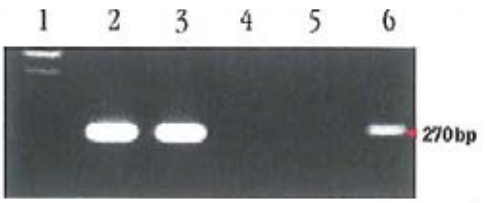
Benefits

- Easy to use
- Fast: 1 step, results between 2 and 5 hours
- Accuracy: staining intensity proportional to the amount of viable cells
- Safety: no use of radio isotopes
- Equipment required: Elisa plate reader

Cat. No.	Désignation	Units/ box	€/ box
672757	Cell Proliferation kit XTT	1000 tests	N/A -

Mycoplasma detection

PCR Mycoplasma Test Kit



Possible band patterns (agarose gel electrophoresis)	1. ADM marker 2. Positive control 3. Positive control 4. Negative control (water) 5. Negative control (buffer only) 6. Positive sample
Kit components	Reaction mix (dNTP, PCR primers, DNA polymerase) Buffer solutions Positive template control
Taq DNA polymerase	Included
Presentation	Master mix ready to use, liquid
Type of shipment	Refrigerated
Cat. No.	**670920**
Units/box	20 kits
€/box	**N/A -**

PCR Mycoplasma Test Kit



Mycogenus kit for mycoplasma detection in biological samples of animal or human origin, detection by quantitative PCR.

- Developed with SYBR technology
- Rapid and highly sensitive detection of mycoplasma
- According to the European Pharmacopoeia and the ICH

Cat. No.	Volume	€
111721	25 reactions	N/A -
111722	50 reactions	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Mycoplasma detection

DAPI method

- Binds to DNA
- Excitation 365 nm
- Bright blue fluorescence 450 - 490 nm
- Fluorescent microscopy, flow cytometry

For biochemistry

Cat. No.	Volume (mg)	€
672754	10	N/A -

Mycoplasma qPCR test kit

Kit components	PCR primer, dNTP, buffer solution, PCR grade water, positive template control, inter-DNA control
Taq DNA polymerase	Included
Presentation	Separate powder component
Storage and shipping	2 - 8 °C
Cat. No.	**348729**
Units/box	25 tests*
€/box	**N/A -**

* Available in 50 and 100 tests.

Mycoplasma - prevention

Incubator disinfectant

- Biodegradable and non-toxic
- Non-corrosive to aluminium, thin iron film, chrome, nickel, stainless steel, copper
- Does not contain mercury, formaldehyde, phenol or alcohol

Cat. No.	Désignation	Volume	€
670931	Incubator Clean™	Spray 500 ml	N/A -

Disinfectant for CO_2 incubator water tank

- Non-toxic, non-volatile
- Non-corrosive to stainless steel
- 100X concentrated solution

Cat. No.	Désignation	Volume	€
670934	Incuwater-Clean ™	100 ml	N/A -

MYCOKIT BOX

- Mycoplasma PCR and electrophoresis detection
- Ready to use
- Sensitive and specific detection
- Product shelf life 36 months

Cat. No.	Volume	€
K1000	20 tests	N/A -

Mycoplasma - prevention

Biogard S



- Surface disinfectant
- Compatible with all types of surfaces
- Free of Alcohol, phenol and formaldehyde
- Non-toxic and biodegradable

Cat.No.	Désignation	Vol.	€
500176	Biogard S Surface disinfectant spray	1 l	N/A -

Biogard A disinfectant for CO_2 incubator water tank



- Non-toxic, non-volatile
- Compatible with stainless steel

Cat.No.	Désignation	Vol.	€
500177	Biogard A disinfectant for waterbaths and CO_2 incubators	100 ml	N/A -

Mycoplasma - Treatment

Mycorase solution

- Does not affect cell proliferation
- Easy to use
- Antibiotic solution 50 x

Cat. No.	Volume	€
P06-02100	100 ml	N/A -

Nanomycopulitine concentrate 20 x

Cat. No.	Désignation	Volume	€
L-X16-010	Nanomycopulitine Concentration 20 X	10 ml	N/A -
L-X16-100	Nanomycopulitine Concentration 20 X	100 ml	N/A -

- For the cell lines treatment, iincluding stem cells (ES Cells)
- Both types of antibiotic agents are used, in combination or one after the other
- Storage -20 °C
- Supplied with 2 sterile flasks of 100X concentrated solution:
  - Myco-1 (A5222): based on Tiamulin Antibiotic extracted from Pleurotus Mutilus
  - Myco-2 (A5233): based on Minocycline

Myco set

Cat. No.	Désignation	Units/ box	€/ box
670936	Myco antibiotic set 1 and 2	2 x 10 ml	N/A -

Specific media

AMNIOPAN
Prenatal cytogenetic medium. For culture of human fetal cells from amniotic fluid or cord biopsy. Ready to use.

Cat. No.	Désignation	Volume	Storage T°	€
P04-70100	AMNIOPAN	100 ml	- 20° C	N/A -

NB: in 500 ml on request

ENDOPAN 3: endothelial cell culture medium

Cat. No.	Désignation	Volume	Storage T°	€
P04-00100	ENDOPAN 3 ready to use	500 ml	+ 2 °C + 8 °C	N/A -
P04-0010K	ENDOPAN3 KIT with 9 additives	500 ml	+ 2 °C + 8 °C	N/A -

ENDOPAN MV: culture medium for microvascular endothelial cells

Cat. No.	Désignation	Storage T°	€
P04-00200	ENDOPAN MV Ready to use - 500 ml	+ 2 °C + 8 °C	N/A -
P04-0020K	ENDOPAN MV kit with 8 additives - 500 ml	+ 2 °C + 8 °C	N/A -

EMEM: medium for fibroblasts
Supplemented with vitamins and amino acids.

Cat. No.	Désignation	Volume	Storage T°	€
P04-08049	EMEM	500 ml	+ 4 °C	N/A -

MARROWPAN
For bone marrow and haematopoietic cells.
For cytogenetic studies.

Cat. No.	Désignation	Volume	Storage T°	€
P04-70200	MARROWPAN	100 ml	- 20° C	N/A -

NEUROPAN BASAL For neuronal cells.

Cat. No.	Désignation	Volume	Storage T°	€
P04-00900	NEUROPAN BASAL basic medium	500 ml	+ 4 °C	N/A -
P07-07010	NEUROPAN 27 additive 20 X	10 ml	- 20° C	N/A -
P07-07200	NEUROPAN 27 additive 50 X	100 ml	- 20° C	N/A -
P07-07210	NEUROPAN 27 additive 50 X	10 ml	- 20° C	N/A -
P07-11010	NEUROPAN 2 additive 100 X	10 ml	- 20° C	N/A -

PANTUM 386
- **Defined medium for epithelial cells**
- **Ready to use**

Cat. No.	Désignation	Volume	Storage T°	€
P04-00386*	PANTUM 386	500 ml	- 20 °C	N/A -

PANTUM 586A
- **Defined medium for adherent cells**

Cat. No.	Désignation	Volume	Storage T°	€
P04-00586*	PANTUM 586	500 ml	- 20 °C	N/A -

PANTUM L24
- **Defined medium for lymphocytes**

Cat. No.	Désignation	Volume	Storage T°	€
P04-00024*	PANTUM L24	500 ml	- 20 °C	N/A -

PANTUM T64
- **Defined medium for tumour cells**

Cat. No.	Désignation	Volume	Storage T°	€
P04-00064	PANTUM T64	500 ml	- 20 °C	N/A -

***Cat. No.on request**

PAN BIOTECH range - Serum substitutes

PANEXIN
High quality serum substitute, which allows the adherent and non-adherent cells culture.
Easy-to-use, ready-to-use alternative to fetal calf serum, without prior quality testing.
Used at a final concentration of 5% (equivalent to 10% SVF). As the effect on cell growth is not concentration-dependent, it is recommended that tests be carried out at concentrations between 2 and 8% for each cell type.

- **Delivered frozen at - 20 °C**
- **Avoid refreezing**
- **Keeps for at least 4 weeks after defrosting at 4 °C**
- **Expiry date: 24 months**

PANEXIN
- **Chemically defined serum substitutes**
- **Based on an innovative and unique technology: a three-dimensional substance (3D-SRS) that provides nutritional support and growth stimulation for a large number of adherent and non-adherent cells**

	100 ml		500 ml	
Désignation	Cat. No.	€	Cat. No.	€
PANEXIN NTA, for adherent cells.	P04-95700	N/A -	P04-95750	N/A -
PANEXIN NTS, for non-adherent cells	P04-95800	N/A -	P04-95850	N/A -

Product	Key Feature	Animal components
Fetal Bovine Serum	For a variety of cell lines	100 %
Panexin Basic	Versatile and affordable	< 2 %
Panexin NTA	Optimized for adherent cells	< 2 %
Panexin CD	Chemically defined	0 %



PANEXIN BASIC
No more serum tests!
Replaces serum
in your culture media.
- **For adherent and suspension cell cultures**
- **Saving time and money**
- **Defined composition**
- **Reproducible performance**

	500 ml	
Désignation	Cat. No.	€
PANEXIN BASIC	P04-96950	N/A -



TIP

Order your free test kit now!
Cat. No. P04-96090KECH

PANEXIN CD
- **Replacement or reduction of the amount of serum in the culture medium: between 1 - 2.5% SVF**
- **For adherent or suspended cells**
- **Contains only chemically defined compounds**
- **Recombinant proteins, lipids, amino acids, hormones, trace elements**
- **Does not contain growth factors**

	100 ml	
Désignation	Cat. No.	€
PANEXIN CD	P04-93100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

REDUCED SERUM MEDIA

HiMedia range - LoSera™ medium

- Formulated on the basis of classic media supplemented with insulin, transferrin and other nutrients
- Reduces by 50 % et 90 % the amount of serum in your cultures
- No adaptation or weaning required
- For adherent or suspension cell lines
- Prevents fibroblast proliferation in primary cultures

Type of environment Low sera	L-Glutamine	Sodium pyruvate	Phenol red	Glucose	Sodium bicarbonate	Earle's Salt	NEAA	Cat.No.	Vol. (ml)	€
DMEM	Stable	+	+	+	+			490741	500	N/A -
DMEM	-	+	+	+	+			490744	500	N/A -
DMEM-F12 mix (1:1)	-	+	+	+	+			490719	500	N/A -
EMEM	+				+	+	+	490742	500	N/A -
EMEM	-	-	+	+	+	+	+	490745	500	N/A -
EMEM	Stable	-	+	+	+	+	+	490746	500	N/A -
RPMI 1640	-	-	+	+	+			490743	500	N/A -
RPMI 1640	Stable	-	+	+	+			490747	500	N/A -

Corning® range - Reduced serum medium

- For a wide variety of human and animal cells
- Growth medium with low protein content
- Endotoxin tested
- HepG2, Cos, HeLa, Osteoblast, primary chondrocyte
- For protein purification, virus production, screening, antibody production

TRANSFECTAGRO™

- Transfection medium
- Chemically defined
- Maximum growth for a wide range of cells

Cat. No.	Corning Cat. No.	Volume	€
702667	40-300-CVR	6 x 500 ml	N/A -

NU-SERUM

Contains 25% of newborn serum, EGF, ECGS, insulin.

Cat. No.	Volume	€
355100	100 ml	N/A -
355500	500 ml	N/A -

NU-SERUM IV

Contains 25% of serum SVF, EGF, ECGS, insulin.

Cat. No.	Volume	€
355104	100 ml	N/A -
355504	500 ml	N/A -

HYCLONE range - Reduced serum medium

Alternative to DMEM and basic MEM to reduce the amount of serum in the cultures.
Recommended serum concentration between 2% and 4%.

Cat. No.	Désignation	Volume	€
SH30564.01	MEM-RS	500 ml	N/A -
SH30565.01	DMEM-RS	500 ml	N/A -

PAN BIOTECH range - Insect media

SCHNEIDER Drosophila medium (S2)

Cat. No.	L-Glutamine	$NaHCO_3$	Vol.	€
		Solution		
P04-90500	Without	0.40 g/l	500 ml	N/A -
P04-91500	With	0.40 g/l	500 ml	N/A -
		Powder		
P03-9310	Without	Without	10 l	N/A -

TC 100 Medium

Cat. No.	L-Glutamine	$NaHCO_3$	Vol.	€
P04-93500	Without	0.40 g/l	500 ml	N/A -
P04-92500	With	0.40 g/l	500 ml	N/A -

Also available in powder: contact us

TNM-FH environment

Cat. No.	L-Glutamine	Lactalbumin-Hydrolysate	Yeast extract	$NaHCO_3$	Vol.	€
			Solution			
P04-80500	With	With	With	0.35 g/l	500 ml	N/A -

GRACE medium (SF9/SF21)

Cat. No.	L-Glutamine	$NaHCO_3$	Vol.	€
		Solution		
P04-81500	Without	0.35 g/l	500 ml	N/A -
P04-08509	Without	2.2 g/l	500 ml	N/A -
P04-82500	With	0.35 g/l	500 ml	N/A -
		Powder		
P03-9010	Without	-	10 l	N/A -

SPODOPAN: serum-free, protein-free medium for SF9 and SF21 cells

➤ **For the production of recombinant proteins**

Cat. No.	Volume	€
P04-850100	100 ml	N/A -
P04-850500	500 ml	N/A -

PANSERIN S2: protein-free, for Drosophila S2 insect cells in suspension, serum-free, no animal or human components

Cat. No.	Volume	€
P04-710200	500 ml	N/A -
P04-710210	100 ml	N/A -



Corning® Range

Insectagro SF9

➤ **Serum-free, protein-free**
➤ **With L-glutamine**
➤ **Also for SF21**
➤ **Manufacturing c GMP**

Cat. No.	Corning Cat. No.	Volume	€
702543	13-410-CV	6 x 500 ml	N/A -

Insectagro DS2

➤ **Serum-free, protein-free**

Cat. No.	Corning Cat. No.	Volume	€
702542	13-402-CV	6 x 500 ml	N/A -

DD range - Schneider Drosophila medium

DD range Schneider Drosophila medium.

Cat. No.	Volume	€
L0207-500	500 ml	N/A -

HYCLONE range - Insect media

For SF9 SF21, HIGH FIVE™, cGMP

Cat. No.	Désignation	Volume	€
SH30913.02	SFM4 insect with L-glutamine, serum free, animal compound free (ADCF)	1 l	N/A -
SH30278.02	SFX insect, protein free, for recombinant protein production	1 l	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

WATER FOR CELL CULTURE

DD Range - Water

Sterile, filtered, non-pyrogenic cell culture water.

Cat. No.	Volume (ml)	€
L0970-100	100	N/A -
L0970-500	500	N/A -
L0970-1000	1000	N/A -

PAN BIOTECH range - Water

Sterile water for cell culture.

Cat. No.	Volume (ml)	€
P04-991500	500 ml	N/A -
P04-991000	1 l	N/A -
P04-992000	20 l	N/A -

Corning® Range - Water



WFI quality Water (water for injection) USP specifications.
cGMP and mycoplasma test.

Cat. No.	Corning Cat. No.	Volume	Units/ box	€/ box
702615	25-055-CI	100 ml	6	N/A -
702617	25-055-CV	500 ml	6	N/A -
702618*	25-055-CVC	500 ml	6	N/A -
702616	25-055-CM	1 l	6	N/A -
702619	25-055-LB	20 l	1	N/A -

*** With septum cap.**

HYCLONE range - Water



Water for cell culture - Endotoxin free (‹ 0.005 EU/ml)

➤Deionized ➤Sterile (filtered at 0.1 µm) ➤cGMP

Cat. No.	Volume (ml)	Units/ box	€/ box
SH30529.01	100	1	N/A -
SH30529.02	500	1	N/A -
SH30529.FS	500	6	N/A -
SH30529.03	1000	1	N/A -

Water for cell culture - WFI quality*

➤USP specifications, and EU pharmacopoeia
no diagnostic or therapeutic use

Cat. No.	Volume	Units/ box	€/ box
SH30221.LS	1 l	6	N/A -
SH30221.10	1 l	1	N/A -
CH30154.11	20 l	1	N/A -
SH30221.17	500 ml	1	N/A -
SH30221.18	100 ml	1	N/A -

*** For research purposes only.**

Pure water



➤Apyrogenic
➤Purified, osmosed, demineralised water
➤Resistivity › 0.5 MΩ.cm
➤Compliant with current European Pharmacopoeia - Purified water monograph in container
➤Compliant with current US Pharmacopeia - "Purified water" monograph
➤Complies with the NF ISO3696 type 3 standard
➤Bacteriological quality ‹ 10UFC/100 ml
➤ Analysis bulletin on request
➤Applications: rinsing of medical-surgical equipment during disinfection protocols that do not require sterile water, final rinsing of laboratory instruments, cleaning in clean rooms, automaton solutions preparation , buffer solutions production

Cat.No.	Désignation	€
069811B	Purified water 10 l non-sterile	N/A -

Accessoire

Cat.No.	Désignation	Packaging unit	€
069822	Cap with tap for 10 litre canister	1	N/A -

STERILE WATER / SODIUM CHLORIDE

Ecotainer Sterile water

➤ **Bottle with cap fitted with a polypropylene safety ring and "non-drip" neck**

Cat. No.	Désignation	Vol. (ml)	€
069800BB	Ecotainer Sterile water	250	**N/A -**



Volvic water



Cat. No.	Désignation	€
067507	Volvic water - Pack of 6 x 1.5 l	**N/A -**

Distilled non-pyrogenic Sterile water

➤ OTEC ranges

➤ Compliance and Standards
OTEC Aguettant waters have MPUP status (raw material for pharmaceutical use except for injectable, ophthalmic and inhaled products). Complies with the NF EN ISO 3696 type 3 standard. Monograph "purified water in containers" European Pharmacopoeia.
New Monographie « sterile purified water » US Pharmacopoeia (except 10 litre non-sterile canister)

Uses
Rinsing of equipment and instruments, cleaning of clean rooms, automats washing solutions preparation, buffer solutions production, raw materials for the manufacture of medicines
As it is not a DM, the OTEC range cannot be used in the hospital sector, rinsing and irrigating wounds.

➤ VERSOL ranges

Compliance and Standards
VERSOL apyrogenic sterile water is a P.P.I. quality water and complies with the corresponding monographs of the European Pharmacopoeia in force. Class IIa DM (sterile) and certified ISO 9001 and NF EN ISO 13485.

Uses
These bottles are used for wound rinsing and are sterile for single use. Not to be used for injections.

Documents provided on request
(analysis bulletin)



069801



069805A

Cat.No.	Désignation	Pack. unit	€
069800	Sterile water, non-pyrogenic Versol P.P.I DM 250 ml	1	**N/A -**
069801	Otec non-pyrogenic Sterile Water 500 ml	1	**N/A -**
069802	Otec non-pyrogenic sterile water 1 l (on pallet)	550	**N/A -**
069802A	Otec non-pyrogenic sterile water 1 l	1	**N/A -**
069805	Non-pyrogenic Sterile water, 5 l canister, overpack (in pallets)	75	**N/A -**
069805A	Non-pyrogenic Sterile water, 5 l canister, overpack	1	**N/A -**
069815	Miniversol Sterile Water 45 ml	24	**N/A -**



Consult the technical data sheets on dulis.nl

Miniversol Sterile 0.9% Sodium Chloride

Composition: Non pyrogenic 0.9% NaCl.
Packaging: Sodium chloride 0.9% sterile miniversol for rinsing and Irrigation is available in volumes of 45 ml to 1 litre.
The batch number and expiry date are indicated on the labels of the bottles. Guarantee of more than one year.
Indications and recommended uses: physiological solution for rinsing, irrigation of the skin, wounds and surgical cavities and general laboratory use. Use as raw material for the manufacture of non-injectable medicines, culture media, etc.
Documents supplied on request: certificate of compliance with the monograph "purified water in containers" of the European Pharmacopoeia in force, and with standard Iso 3696 type 3.

Cat.No.	Désignation	Pack. unit	€
069808	Sodium chloride 0.9% sterile miniversol 45 ml	1	**N/A -**
069818	Sodium chloride 0.9% sterile miniversol 250 ml	1	**N/A -**
069810	Sodium chloride 0.9% sterile miniversol 1 litre	1	**N/A -**
069817B	Sodium chloride 0.9% Otec sterile non-pyrogenic 500 ml	20	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

HYCLONE range - CELL BOOST

- Chemically defined, no animal compounds, protein-free
- Contains nutrients: amino acids, vitamins, lipids, cholesterol, glucose, growth factors
- Each cell boost is a different mixture of the above components
- Improves cell yield and growth

	Amino acids	Vitamins	Glucose	Trace elements	Growth factors	Hypoxanthine/ thymidine	ADCF* lipids	ADCF* cholesterol	Suitable for	Code number
HyClone Cell Boost 1 Supplement (R05.2)	•	•	•						HEK293 CHO	SH30584
HyClone Cell Boost 2 Supplement (R15.4)	•		•						PER.C6 CHO	SH30596
HyClone Cell Boost 3 Supplement (LM3.5)	•	•	•	•		•			Hybridoma Myeloma	SH30825
HyClone Cell Boost 4 Supplement (PS.907)	•	•	•	•	•		•	•	CHO	SH30857
HyClone Cell Boost 5 Supplement (CN-T)	•	•	•	•	•	•	•	•	Hybridoma NS0 HEK293 CHO	SH30865
HyClone Cell Boost 6 Supplement (CN-T)	•	•	•	•	•	•	•	•	T-Cells Hybridoma NS0 HEK293 CHO	SH30866
HyClone LS250 supplement							•	•	NS0	SH30554
HyClone LS1000 supplement								•	NS0	SH30555

* Animal-derived component-free

Cat. No.	Désignation	Units/ box	€/ box
SH30584.02	Cell Boost 1 (glucose, amino acid, vitamins)	100 g	**N/A -**
SH30596.01	Cell Boost 2 (amino acid and glucose)	100 g	**N/A -**
SH30825.01	Cell Boost 3 (glucose, amino acids, vitamins and trace elements)	100 g	**N/A -**
SH30857.01	Cell Boost 4 (amino acids, glucose, vitamins, trace elements and growth factors)	100 g	**N/A -**
SH30865.01	Cell Boost 5 (lipids, amino acids, vitamins and growth factors)	100 g	**N/A -**
SH30866.01	Cell Boost 6 with L-glutamine (fat, amino acids, vitamins, and growth factors)	100 g	**N/A -**

HYCLONE range - Serum-free media

SFM4CHO

Medium without serum and without protein.

- Optimises the growth and cell density of CHO cells
- Versatility and consistent performance in both flask and bioreactor

Cat. No.	Vol.	€
With L-glutamine		
SH30549.02	1 l	**N/A -**
Without L-glutamine		
SH30548.02	1 l	**N/A -**

CDM4CHO and HYCELL CHO

- Chemically defined medium, without animal compounds (ADCF) and without phenol red
- For the production of recombinant antibodies

Cat. No.	Vol.	€
CDM4CHO with L glutamine		
SH30557.02	1 l	**N/A -**
CDM4CHO without L glutamine		
SH30558.02	1 l	**N/A -**
HYCELL CHO without L glutamine with poloxamer 188 (production)		
SH30934.01	1 l	**N/A -**

SFM4MAB

- Medium for the production of antibodies and recombinant antibodies (Mab) using different myeloma and hybridoma lines with low protein content, ideal for the purification of A and G proteins

Cat. No.	Vol.	€
With L-glutamine		
SH30513.02	1 l	**N/A -**

SFM4HEK293

- Optimises growth for HEK293 cells and promotes adenovirus and recombinant protein production
- Protein-free medium, no animal compounds
- With poloxamer 188, without phenol red

Cat. No.	Désignation	Vol.	€
SH30521.02	SFM4HEK293 with L glutamine	1 l	**N/A -**

CDM4HEK293

- Chemically defined medium, free of animal compounds (ADCF)

Cat. No.	Désignation	Vol.	€
SH30858.02	CDM4HEK293 with L glutamine	1 l	**N/A -**

Transfection media SFM4 Trans FX and HyCell Trans FX

- Developed for stable transfection, transfection of lentiviral and adenoviral constructs and virus production
- cGMP

Cat. No.	Désignation	Vol.	€
SH30860.02	SFM4TransFX 293	1 l	**N/A -**

- Developed for transient transfection and recombinant protein production, ADCF

Cat. No.	Désignation	Vol.	€
SH30941.02	HyCell TransFX-C	1 l	**N/A -**
SH30939.02	HyCell TransFX-H	1 l	**N/A -**

PAN BIOTECH range - PANSERIN - Multipurpose media without serum

PANSERIN is a complete, serum-free, ready-to-use medium suitable for mammalian cell culture. PANSERIN allows the growth of a large number of cell types without the use of additives.

- **Alternative to bovine media and serum**
- **Ready to use, easy to operate**
- **Sufficient source for feeding most cells**
- **Time and cell materials saving**
- **Very good batch-to-batch reproducibility**
- **Isolation and purification of cell cultures facilitated for antibody production (e.g. for monoclonal antibodies) through the use of purified proteins**
- **Low endotoxin levels**
- **Stable growth characteristics**
- **Defined medium without protein complex**

			500 ml	
Désignation	**Characteristics**	**Storage T °C**	**Cat. No.**	**€**
PANSERIN 401	Standard all cell types	+ 4 °C	500401	N/A -
PANSERIN 411	Adherent, suspended, insulin-dependent cells	+ 4 °C	P04-710411	N/A -
PANSERIN 411S	Serum-free medium for cytogenetic diagnosis: leukaemia	+ 4 °C	P04-7411S1	N/A -
PANSERIN 412	Versatile medium suitable for a variety of adherent cells	+ 4 °C	P04-710412	N/A -
PANSERIN 413	Lymphocytes, T-cells and hybridomas	+ 4 °C / - 20 °C	P04-710413*	N/A -
PANSERIN 701	For lymphocytes	+ 4 °C	500701	N/A -
PANSERIN 801	With 6 supplements for human keratinocytes	+ 4 °C / - 20 °C	P04-710801*	N/A -
PANSERIN 802	For human keratinocytes with 7 additives	-	P04-710802K	N/A -
PANSERIN 293A	For adherent HEK cells	+ 4 °C	P04-710608	N/A -
PANSERIN 293S	For HEK cells in suspension	+ 4 °C	P04-710609	N/A -
PANSERIN PX10	For myeloma cells & hybridomas antibody production	+ 4 °C	P04-710PX10	N/A -
PANSERIN PX40	For adherent cells (HEK, L929, CHO, MDCK,...)	+ 4 °C	P04-710PX40	N/A -
PANSERIN H4000	Protein free for myeloma & hybridoma	+ 4 °C	P04-714000	N/A -
PANSERIN C6000	Protein free for CHO cells suspension	+ 4 °C	P04-716000	N/A -
PANSERIN H8000	Protein free for Hybridoma and Cholesterol dependent Myeloma	+ 4 °C	P04-718000	N/A -
PANSERIN PRO VERO	For VERO cells	+ 4 °C	P04-710613*	N/A -
ENDOPAN 300 SL	For HUVEC, HUAEC endothelial cells - packaged in kit	+ 4 °C	P04-0065K*	N/A -

WEB

Enter the Cat. No. on dulis.nl to display the PANSERIN media selection table

***References on request.**

ISF-1 medium

- **Medium for hybridoma and monoclonal antibody (mAb) production**
- **With stable glutamine, recombinant human insulin, sodium bicarbonate (2.438 g/l)**
- **Facilitates antibody purification**
- **No addition of growth factors**



Cat. No.	Désignation	Vol. (ml)	€
P04-995968	ISF-1 medium	500	N/A -

Corning® Range - HybriGro SF™ - Versatile medium without serum

Developed for serum-free hybridoma culture and antibody production, hybrigro SF is a defined medium, free of animal components.

Cat. No.	Corning Cat. No.	Désignation	Vol. (ml)	Units/ box	€/ box
702666	40-215-CVR	HybriGro SF medium with Corning Glutogro supplement™	500	6	N/A -

TIP

Find information and technical documentation for this range on dulis.nl

Corning® Range - PF Multipurpose medium without serum

Cat. No.	Corning Cat. No.	Désignation	Vol. (ml)	Units/ box	€/ box
702664	40-200-CV	PF medium	500	6	N/A -

For CHO, serum-free and protein-free medium, contains no hormones and no growth factors.
For CHO and mouse hybridoma (AE-1) suspension for example.

Serum-free medium for lymphocytes (T-cell) Corning®

Cat. No.	Corning Cat. No.	Volume	€
702778	88-551-CM	1 l	N/A -
702779	88-581-CM	1 l	N/A -

The use of T-cells in immunotherapy is emerging as a tool in the treatment of cancers and other clinical applications.
Corning's serum-free Lymphocyte Medium (88-551-M) supports proliferation and activation of lymphocytes (including TIL Tumor Infiltrating Lymphocyte, CIK Cytokine-Induced Killer and NK Natural Killer).

All prices are indicative and exclude VAT. Visit www.dulis.nl

SPECIAL MEDIA STEM CELLS

PAN BIOTECH range - ES Special cells (stem cells)

PowerStem ESPro - Special ES cells*

- ESPro1: special serum-free medium for mouse embryonic stem cells (mES), derived from blastocysts, which are permanently cultured. After injection into blastocysts, they can form all types of tissue
- ESPro2: serum-free medium for the proliferation of undifferentiated mouse embryonic stem cells
- Chemically defined, contains no peptones or hydrolysates
- Ready to use

	500 ml	
Désignation	**Cat. No.**	**€**
PowerStem ESPro1 with LIF, kit	**P04-77010K***	**N/A -**
PowerStem ESPro1 without LIF, kit	**P04-77510K***	**N/A -**
PowerStem ESPro2 with LIF, kit	**P04-77020K***	**N/A -**
PowerStem ESPro2 without LIF, kit	**P04-77620K***	**N/A -**

PowerStem HE1*

- Medium without serum
- Culture and proliferation of human embryonic stem cells (hES)
- Feed-free cultivation
- Maintains cells in an undifferentiated state

	500 ml
Désignation	**Cat. No.**
PowerStem HE1	**P04-77115K***

***Cat. No.on request**

PowerStem EST kit*

- Medium without serum
- Culture of non-differentiated mouse embryonic stem cells and their differentiation into myocardial cells
- Embryotoxic Stem Cell Test: EST

	500 ml	
Désignation	**Cat. No.**	**€**
PowerStem EST kit	**P04-77250K***	**N/A -**

PowerStem HPSC*

- Serum-free medium for the proliferation of human hematopoietic stem cells (HPSC)
- CD34+

	500 ml	
Désignation	**Cat. No.**	**€**
PowerStem HPSC	**P04-77450K***	**N/A -**

PowerStem PEC1*

- Serum-free medium for the proliferation of human angiogenic progenitor cells
- ADCF

	500 ml	
Désignation	**Cat. No.**	**€**
PowerStem PEC1 ready to use	**P04-777500***	**N/A -**

HYCLONE AdvanceSTEM range for mouse stem cells

Culture medium

For embryonic stem cells (escs) and induced pluripotent stem cells (ipscs).

Cat. No.	Désignation	Vol. (ml)	€
SH30824.01	DMEM 4SC without l-glutamine and sodium pyruvate	500	**N/A -**
SH30822.01	IMDM4SC, WITH L-Glutamine	500	**N/A -**

Saline and ES qualified buffer

Cat. No.	Désignation	Vol. (ml)	€
SH30851.01	HEPES 1 M	100	**N/A -**

Amino acids, ES qualified

Cat. No.	Désignation	Vol. (ml)	€
SH30852.01	L-glutamine 200 mM solution	100	**N/A -**

HYCLONE range - Mouse stem cell serum substitute

For murine stem cells mESC

- Cultivating and maintaining mESCs in an undifferentiated state
- For use with SH30870
- Recommendation: supplement with LIF

Cat. No.	Volume (ml)	€
SH30874.02	500	**N/A -**

ADVANCESTEM

Cat. No.	Volume (ml)	€
SH30874.03	500	**N/A -**

LIF

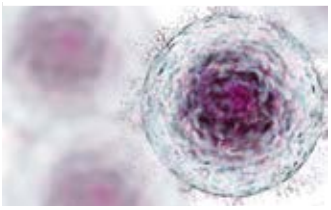
Cat. No.	Désignation	Vol.	€
CB-1106001	LIF Human lif rec.	10 µG	**N/A -**

HYCLONE range - Special media for human stem cells

Growth and differentiation medium. For hMSC.

Cat. No.	Désignation	Vol. (ml)	€
SH30878.01	Supplements for hMSC growth medium	100	**N/A-**
SH30889.02	Chondrogenic differantiation medium for cells from adipose tissue and bone marrow	450	**N/A -**

StemFIT® Basic 02



For human embryonic stem cells hESC.
For induced pluripotent stem cells IPS.

Cat. No.	Vol.	€
523410	500 ml	**N/A -**

- Single cell cloning
- Easy handling
- Reduction of feeding stages numer during the week
- Better proliferation rate
- Free of xeno contaminants
- No need for feeder cells
- Compatible with many matrices: matrigel, synthemax, r-laminin-521....
- Reproducible growth rates

Himedia range

Himedia is certified OMS GMP / ISO 9001: 2000 / ISO 9001: 13485 /CE

- **Himedia Quality Assurance is based on 4 points:**
- **Testing of raw materials**
- **Materials testing in progress**
- **Testing of finished products**
- **Quality control of plant tissue culture products**

- **Media for plant tissue culture generally contain:**

-Water (of sufficient quality for tissue culture)
-Macronutrients (such as sugars, amino acids, nitrogen sources, potassium sources, phosphates, magnesium, calcium, sulphur)
-Micronutrients (vitamins, trace elements, etc.)
-Additives (gelling agents, charcoal, etc.)
-Antibiotics (fungicides, bactericides, etc.)
-Growth regulators (plant hormones or preparations)

- **Compositions generally vary according to the type of plant (genus or species) and the particular tissue grown (e.g. meristem, seedlings, asymbiotic seeds).**

Gamborg B5 media

For Call culture and suspension cells

Cat. No.	Désignation	€
490624	Basal medium solution 10x - 2 x 500 ml	N/A -
490625	Basal medium solution 10x - 5 x 100 ml	N/A -
490626	With CaCl2, vitamins, sucrose without agar for 1 l	N/A -
490627	With CaCl2, vitamins, sucrose and agar for 1 l	N/A -
490628	With vitamins without agar, without sucrose for 1 l	N/A -

Macroelements

Cat. No.	Désignation	€
490629	Macroelements for 10 l	N/A -
490630	Macroelements (10X) 2 x 500 ml	N/A -
490631	Macroelements (10X) 5 x 100m l	N/A -

Microelements

Cat. No.	Désignation	€
490632	Microelements (100X) 1 x 100 ml	N/A -

Vitamins

Cat. No.	Désignation	€
490633	Vitamin solution (1000X) 50 ml	N/A -

Linsmaier et Skoog Media

Organ culture, callus, suspension cells, micropropagation

Cat. No.	Désignation	€
490634	With CaCL2, vitamins and sucrose without agar for 1 l	N/A -

Macroelements

Cat. No.	Désignation	€
490635	Macroelements for 10 l	N/A -
490636	Macroelement solution (10X) - 2 x 500 ml	N/A -
490637	Macroelement solution (10X) - 5 x 100 ml	N/A -

Microelements

Cat. No.	Désignation	€
490638	Microelements solution (100X) - 1 x 100 ml	N/A -

Vitamins

Cat. No.	Désignation	€
490639	Vitamin solution (1000X) - 1 x 50 ml	N/A -

Murashige & Skoog Medium

Organ culture, callus, suspension cells, micropropagation

Cat. No.	Désignation	€
490645	Basal solution 10X - 5 x 100 ml	N/A -
490646	Basal solution 10X - 2 x 500 ml	N/A -
490640	With vitamins, 3% sucrose without CaCl2 and agar for 1 l	N/A -
490641	With vitamins without CaCl2, sucrose and agar for 5 l	N/A -
490642	With vitamins, CaCl2 without sucrose and agar for 5 l	N/A -
490643	With vitamins, CaCl2 and 3% sucrose without agar for 1 l	N/A -
490644	With vitamins, CaCl2, 3 % sucrose and agar for 1 l	N/A -
490647	Salt mixture with CaCl2 for 1 l	N/A -

Macroelements

Cat. No.	Désignation	€
490648	Macroelements for 10 l	N/A -

Microelements

Cat. No.	Désignation	€
490649	Microelements solution (100X) - 1 x 100 ml	N/A -

Vitamins

Cat. No.	Désignation	€
490650	(100X) 1 ampoule	N/A -
490651	Murashige & Skoog vitamin modified (1000X) solution - 1 x 50 ml	N/A -
490652	Vitamin (1000X) solution - 1 x 50 ml	N/A -

Hogland's medium

Hydroponics

Cat. No.	Désignation	€
490653	Hoagland No 2 base salt mixture 10 x 1 l	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Himedia range (continued)

Powder freezing agents

Désignation	CleriGar™	CleriGel™ Ultra	CleriGel™ Super
Cat. No.	490656	490657	490658
Appearance	White to off-white homogeneous fluid powder		
Solubility	Clear to slightly turbid at 0.5g in 100ml of water after boiling	Clear to slightly turbid at 0.2g in 100ml of water after boiling	Clear to slightly turbid at 0.2g in 100ml of water after boiling
Clarity	Transparent gel formed on cooling		
Loss on drying	≤ 20%	≤ 15%	≤ 15%
Transmission	-	≥ 80%	≥ 80%
Gelling power	-	500 - 700 g/cm^2	400 - 700 g/cm^2
Use	3 - 5 g/l	2 - 2.5 g/l	1.8 - 2.5 g/l

Cat. No.	Désignation	Vol. (g)	€
490654	Agar powder	500	N/A -
490655	Carrageenan	500	N/A -
490656	CleriGar	500	N/A -
490657	CleriGel Ultra	100	N/A -
490658	CleriGel Super	100	N/A -

Growth regulators

Promotes cell division, cell growth, flowering, fruiting and seed formation.

Auxins

Auxin promotes root growth.

Cat.No.	Désignation	Vol.	€
490659	2.4-Dichlorophenoxyacetic acid (2.4-D)	100 g	N/A -
490660	Indole-3-acetic acid (IAA)	5 mg	N/A -
490661	Indole-3-butyric acid (IBA)	5 g	N/A -
490662	A-Naphthalene Acetic Acid (NAA)	25 g	N/A -

Cytokinins

Stimulates bud growth.

Cat.No.	Désignation	Vol.	€
490663	Adenine Sulphate	10 g	N/A -
490664	6-Benzyladenine (6-BAP)	1 g	N/A -
490665	N6-(2-Isopenteyl) Adenine	1 g	N/A -
490666	Kinetine	1 g	N/A -
490667	Thidiazuron (TDZ)	1 g	N/A -
490668	Meta-Topoline	25 mg	N/A -
490669	Zeatine	50 mg	N/A -

Gibberellins

Regulate various developmental processes, including stem elongation, germination, dormancy, flowering, flower development and leaf and fruit senescence.

Cat. No.	Désignation	Vol.	€
490670	Gibberellic acid (GA3)	1 g	N/A -

Other

Cat.No.	Désignation	Vol.	€
490671	Abscisic acid: Growth Inhibitor	100 mg	N/A -
490672	Maleic Hydrazide	100 g	N/A -
490673	Phloroglucinol	25 g	N/A -
490674	Picloram	5 g	N/A -
490675	Putrescine Dihydrochloride	1 g	N/A -
490676	Spermidine	1 g	N/A -
490677	2.4.5 Trichlorophenoxyacetic acid	25 g	N/A -

Antibiotics - Antimicrobials

Antifungal antibiotics

Cat.No.	Désignation	Vol.	€
490678	Amoxycillin	10 g	N/A -
490682	Amoxycillin/Clavulanic acid (Augmentin)	2 g	N/A -
490680	Amphotericin B	10 g	N/A -
490681	Carbendazim	5 g	N/A -
490679	Carbenicillin Disodium	10 g	N/A -
490683	Colistin Sulphate	1 g	N/A -
490684	Kanamycin Sulphate Acid	25 g	N/A -
490686	Miconazole Nitrate	25 g	N/A -
490688	Ribavirin	10 mg	N/A -
490687	Rifampicin	25 g	N/A -
490689	Streptomycin Sulphate	100 g	N/A -
490685	Timentin	2 g	N/A -

Antimicrobial supplement - disinfectant

Cat.No.	Désignation	Vol.	€
490690	Antimicrobial supplement	50 ml	N/A -
490691	Calcium hypochlorite	500 g	N/A -
490692	Hydrogen peroxide	100 ml	N/A -
490693	Silver nitrate	10 g	N/A -
490694	Tween 20	500 ml	N/A -



Other antibiotics on request

Chemicals

Amino acids

Glycine serves as a source of amino acids
Other amino acids on request.

Cat. No.	Désignation	Vol.	€
490695	Glycine	500 g	N/A -

Tampons

Cat. No.	Désignation	Vol.	€
490696	MES Buffer	25 g	N/A -

Enzymes

Protoplasts are spherical naked plant cells produced by the removal of the cell wall by means of digestive enzymes.
Plant protoplasts can be grown in defined media and will form a new cell wall, divide and, in many cases, regenerate into complete plants.

The enzymatic method is a widely used technique for the isolation of protoplasts.
Advantages of the enzymatic method include a good yield of viable cells and minimal or no damage to protoplasts.

Cat.No.	Désignation	Vol.	€
490697	Cellulase	5 ku	N/A -
490698	Macerozyme	1 g	N/A -
490699	Pectinase	5 ku	N/A -
490700	Pectolyase	25 ml	N/A -

SERVA Range

Media for *in vitro* plant tissue culture

➤ **Powder**

	Cat.No.	Désignation	€
MS medium	**115891**	Murashige and skoog powder medium 4.62 g/l for 10 l x 5	**N/A -**
	115892	Salt for murashige and skoog plant media 4.52 g/l for 50 l	**N/A -**
Gelling agent	**115893**	Agar agar 250 g	**N/A -**
	115894	Agar agar 1 kg	**N/A -**
	115866	Gelrite® 250 g	**N/A -**
	115867	Gelrite® 1 kg	**N/A -**
Sucrose	**115895**	Analytical grade sucrose 500 g	**N/A -**
	115896	Analytical grade sucrose 5 kg	**N/A -**

Phytohormones

➤ **Growth regulator**

➤ **Promote the formation of Cal (clusters of dividing dedifferentiated cells)**

➤ **Stimulate leaf elongation and growth**

	Cat.No.	Désignation	€
Gibberillic acid	**115900**	Gibberilic acid 1 g	**N/A -**
Auxin IBA	**115903**	Indole-3-butyric acid 5 g	**N/A -**
	115904	Indole-3-butyric acid 25 g	**N/A -**
	115905	Indole-3-butyric acid 100 g	**N/A -**
Auxin IAA	**115906**	Indole-3-acetic acid 5 g	**N/A -**





All prices are indicative and exclude VAT. Visit www.dulis.nl

Lymphocyte separation media PANCOLL



Ready-to-use and sterile solution based on FICOLL, a solution consisting of a polysaccharide with a molecular weight of 400 000 daltons.

- For the preparation of lymphocyte solutions from whole blood
- Can be stored between 2 °C and room temperature
- Quality certificate available
- pH 6.5 - 7.5 for all types

PANCOLL Human

- PANCOLL Human density: 1.077 g/ml
- Osmolarity: 280 - 300 mOSM/kg

Cat. No.	Density	Osmolarity	pH	Volume (ml)	€
500201	1.077 g/ml	280-300	6.5 - 7.5	100	N/A -
500205	1.077 g/ml	280-300	6.5 - 7.5	500	N/A -

PANCOLL Animal

- PANCOLL Animal density: 1.077 g/ml
- Osmolarity: 255 - 275 mOSM/kg

Cat. No.	Density	Osmolarity	pH	Volume (ml)	€
P04-63100	1.077 g/ml	255-275	6.5 - 7.5	100	On request
P04-63500	1.077 g/ml	255-275	6.5 - 7.5	500	On request

PANCOLL Mouse

- PANCOLL mouse, density 1.086 g/ml
- Osmolarity: 270-290 mOSM/kg

Cat. No.	Density	Osmolarity	pH	Volume (ml)	€
P04-64100	1.086 g/ml	270-290	6.5 - 7.5	100	On request
P04-64500	1.086 g/ml	270-290	6.5 - 7.5	500	On request

PANCOLL Monocytes*

- PANCOLL mouse, density 1.068 g/ml
- Osmolarity: 310-330 mOSM/kg

Cat. No.	Density	Osmolarity	pH	Volume (ml)	€
P04-68100*	1.068 g/ml	325-355	6.5 - 7.5	100	On request
P04-68500*	1.068 g/ml	325-355	6.5 - 7.5	500	On request

*Cat. No. on request

Lymphocyte separation medium (LSM)

- Osmolarity 290 + 20 mOsm
- Low viscosity: in vitro isolation of lymphocytes from whole blood

Cat. No.	Corning Cat. No.	Désignation	Vol. (ml)	€
702627	25-072-CI	LSM medium - Density 1077-1080 g/ml	100	N/A -
702628	25-072-CV	LSM medium - Density 1077-1080 g/ml	500	N/A -

PHA-M (Phytohaemagglutin)

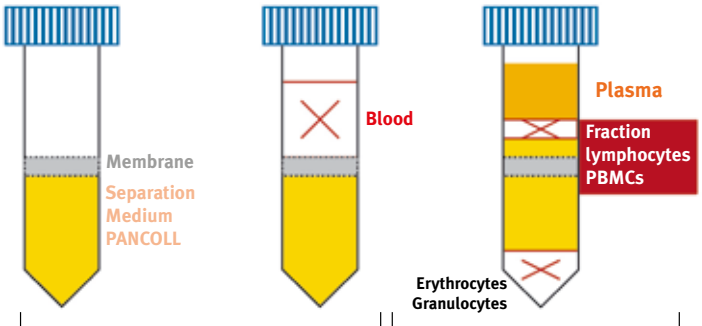
- Stimulates proliferation of lymphocytes in culture
- Also used for the separation of leukocytes from whole blood

Cat. No.	Désignation	Volume	€
L3010-005	Phytohaemagglutinin liquid	5 ml	N/A -

Lymphocyte separation media

Cat. No.	Désignation	Vol. (ml)	€
L0560-100	Lymphocyte separation medium	100	N/A -
L0560-500	Lymphocyte separation medium	500	N/A -

Leucosep "ready to use" tubes



Before centrifugation tubes
filled with PANCOLL (density 1.077 g/ml)

After centrifugation tubes

- Reduces the risk of contamination
- Time saving
- Stable 36 months at 2-20 °C
- Store in a dark place

Pre-filled PANCOLL human MSL

Cat. No.	Désignation	Tubes	MSL volume	€
016760F	Rack of 25 tubes	50 ml	15 ml	N/A -
016765F	Rack of 50 tubes	10 ml	3 ml	N/A -

Pre-filled PANCOLL animal

Cat. No.	Désignation	Tubes	MSL volume	€
016775F	Rack of 50 tubes	10 ml	3 ml	N/A -

Ficoll and Percoll density gradient

Ficoll-Paque Premium

- Ready-to-use solution for the separation of mononuclear cells from blood
- Consists of a sucrose polymer
- Sterile

Cat. No.	Désignation	Density (g/ml)	Volume (ml)	Units/ box	€/ box
17-5446-02	Ficoll-Paque Premium 1.084	1.084	100	6	N/A -
17-5446-52	Ficoll-Paque Premium 1.073	1.073	100	6	N/A -

Ficoll powder

Cat. No.	Désignation	Weight	€
17-0300-05	Ficoll PM 400	5 kg	N/A -
17-0300-10	Ficoll PM 400	100 g	N/A -
17-0300-50	Ficoll PM 400	500 g	N/A -
17-0310-10	Ficoll PM 70	100 g	N/A -
17-0310-50	Ficoll PM 70	500 g	N/A -

Percoll

- Consists of colloidal sillice particles surrounded by PVP (Percoll) or silane (Percoll Plus)
- Density: 1.130 g/ml
- Suitable for separation of polynuclei from neutrophils

Cat. No.	Désignation	Volume (ml)	Units/ box	€/ box
17-0891-09	Percoll	1000	6	N/A -
17-5445-01	Percoll Plus	1000	1	N/A -
17-5445-02	Percoll Plus	250	1	N/A -

Leucosep™ 12 ml and 50 ml Tubes

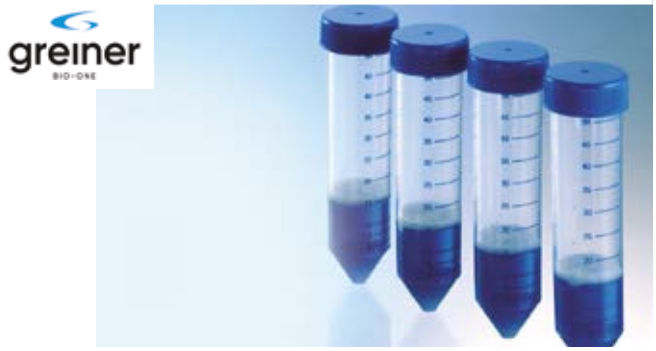
- Simple and efficient separation of PBMCs (lymphocytes and mononuclear cells) from blood or bone marrow
- Concentration directly from whole blood
- Rapid separation in 15 minutes at room temperature
- During centrifugation, lymphocytes and mononuclear cells are separated from unwanted elements by density gradient and concentrate in a phase above the separating medium
- When separation is complete, at the time of harvest, the porous barrier minimizes contamination of the enriched fraction with red blood cells
- Pre-filled with Leucosep™ separation medium (density 1.077 g/ml)
- Available unfilled for use with all other separation media on the market



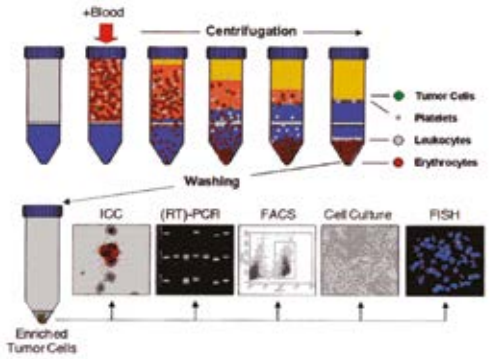
Cat.No.	Vol. (ml)	Leucosep™ separation medium	Sterile	Units/ box	Units/ bag	€/ bag
163288	12	Yes	Aseptic	50	500	N/A -
163289	12	No	No	50	500	N/A -
016765	12	No	Yes	50	500	N/A -
227288	50	Yes	Aseptic	25	250	N/A -
016761	50	No	No	25	300	N/A -
016760	50	No	Yes	25	300	N/A -

OncoQuick™ Greiner Bio-One System

- A simple, fast and efficient system for the enrichment of circulating tumour cells released from solid tumours or malignant melanomas.
- Consists of a polypropylene tube with a porous barrier inserted on top of a specially developed separation solution.
- Up to 30 ml of the whole anticoagulated blood is deposited directly into the OncoQuick™ tube, and centrifuged.
- Apart from erythrocytes and granulocytes, the separation medium allows the virtual elimination of lymphocytes and mononuclear cells.
- Circulating tumour cells are concentrated at the interface.



Enrichment in circulating tumour cells disseminated from whole blood.

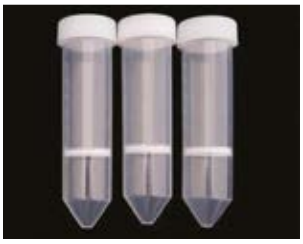


- Result in 45 minutes
- For research use only
- Reproducible recovery
- Blood cell removal up to 6 log units
- No additional laboratory equipment
- No magnetic balls
- No blockage of marker molecules
- Enrichment directly from whole blood

Cat. No.	Total tube volume (ml)	Blood volume (ml)	Units/ box	€/ box
227255	50	15 - 30	4	N/A -
227250	50	15 - 30	10	N/A -

Blood Sep Filter

Filter held by two rings moulded into the tube. These ensure that the filter remains in place during centrifugation.



Cat. No.	Total volume of Blood Sep Filter tube	Volume of blood	Units/ bag	€/ bag
016780	50 ml without MSL	15 - 30 ml	25	N/A -

Nylon wool

- For the separation of T leukocytes from B leukocytes
- Instructions for use on request



Cat. No.	Quantity	€
490002	10 g	N/A -
490003	50 g	N/A -
490004	100 g	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

BIOPREDIC INTERNATIONAL

Biopredic's offer, tissue and cell reagents for scientific research

Over the years, Biopredic has established a network of collection sites throughout the country, specialising in skin, blood and liver. These are human tissues or tissues from laboratory or production animals. Of course Biopredic has all the necessary authorisations to transfer the samples. And provides 'normal' tissue, as opposed to tumour tissue in particular.
These samples can be used as controls in your experiments. Biopredic knows how to adapt its collection, processing, control and transport processes according to the specifications established together with the client.

The skin

Biopredic collects every day, in several dozen clinics, residues from plastic surgery operations, transformed into skin discs or sheets, dermatomized or not, supplied unfrozen or frozen, for passage, biotransformation or pharmaco-toxicology studies. Biopredic also supplies the subcutaneous fatty tissue. And also offers animal skin samples.

Some parameters of choice (not exhaustive):

- **Location (back, arms, thighs, etc.)**
- **Age**
- **Gender**
- **BMI**
- **Disc or sheet**
- **Dermatoma or not**

HepaRG®

This human liver line developed by an INSERM team in Rennes has become a world standard in hepatitis B research. It has also become an everyday tool in the study of liver toxicity, biotransformation and liver function in general.

More than 700 publications are based on it. The line (patented by INSERM and licensed by Biopredic) is available after conclusion of an MTA with INSERM
or in a ready-to-use format.
Biopredic brings all its know-how for easy installation in your laboratory.

H•E•P•A RG™
THE HEPATIC STEM CELL LINE

Plasma - Blood

Biopredic has several human blood collection sites, in France and abroad; and supplies whole blood or plasma (therapeutic or non-therapeutic anticoagulants) or serum, in small volumes and from numerous donors or single donors in large volumes or pools.
Biopredic is also well known for its PBMC, offering also blood derivatives from rodents and large animals.

- **Choice of anti-coagulant (lithium heparin, EDTA-3k, EDTA-2na...)**
- **Frozen or fresh plasma**
- **Fresh blood**
- **Choice of criteria: gender, age, sex, smoker or not, with or without caffeine..**

Human

- **Single donor or multi-donor pool**
- **From 1 ml to several litres**

Animal

- **Ex: mouse, beagle, cyno...**
- **10 ml tubes**

Human and animal hepatocytes, non-parenchymal cells

The liver: Biopredic collects human peri-tumour tissue transformed into hepatocytes and non-parenchymal cells.
As well as rodent and large animal hepatocytes.

Human

- **For use in suspension, or in monolayer or 3D, short or long term culture**

Animal

- **Ex: mouse, beagle, cyno...**

Associated services Biopredic

Biopredic offers standard products with specifications developed by them.
But also combines services with their products, variations of donor choices or processing and controls.
Biopredic offers digital services to regular customers, such as inventory consultation and reservation services.

Contact our “Sera and cell culture media ” specialists



Véronique PEYROL
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Estelle RINN
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PluriBeads microbeads for cell separation

- Fast and easy to use
- Enrichment from whole blood, Buffy coat and tissue
- Reduces cell stress compared to conventional methods
- Retention according to the size of the beads on a 30 µm cell strainer for Pluribead-S, or 60 µm for Pluribead-M: free cells are not retained
- Sequential enrichment of up to 5 cell types from the same sample by adjusting bead size



Differentiation marker		PluriBeads-S		PluriBeads-M	
Type	Species	Cat.No.	€	Cat.No.	€
CD2	Anti-human	149030	N/A -	149107	N/A -
CD3		149031	N/A -	149108	N/A -
CD4		149032	N/A -	149109	N/A -
CD5		149033	N/A -	149110	N/A -
CD7		149034	N/A -	149111	N/A -
CD8		149035	N/A -	149112	N/A -
CD9		149036	N/A -	149113	N/A -
CD11A		149037	N/A -	149114	N/A -
CD11B		149038	N/A -	149115	N/A -
CD14		149039	N/A -	149116	N/A -
CD15		149040	N/A -	149117	N/A -
CD16		149041	N/A -	149118	N/A -
CD19		149042	N/A -	149119	N/A -
CD21		149043	N/A -	149120	N/A -
CD31		149044	N/A -	149121	N/A -
CD43		149045	N/A -	149122	N/A -
CD44		149046	N/A -	149123	N/A -
CD45		149047	N/A -	149124	N/A -
CD55		149048	N/A -	149125	N/A -
CD95		149049	N/A -	149126	N/A -
CD117		149050	N/A -	149127	N/A -
CD138		149051	N/A -	149128	N/A -
CD235A		149052	N/A -	149129	N/A -
CD271		149053	N/A -	149130	N/A -
CD326		149054	N/A -	149131	N/A -
CD4	Anti-Rat	149055	N/A -	149132	N/A -
CD8B		149056	N/A -	149133	N/A -
CD11B		149057	N/A -	149134	N/A -
CD45		149058	N/A -	149135	N/A -
TCR Alpha/Beta		149059	N/A -	149136	N/A -
CD11B	Anti-Pork	149060	N/A -	149137	N/A -
CD14		149061	N/A -	149138	N/A -
CD21		149062	N/A -	149139	N/A -
CD29		149063	N/A -	149140	N/A -
CD44		149064	N/A -	149141	N/A -
CD47		149065	N/A -	149142	N/A -
CD62L		149066	N/A -	149143	N/A -
CD90		149067	N/A -	149144	N/A -
HLA-DR-DP		149068	N/A -	149145	N/A -
Red blood cells RBC		149069	N/A -	149146	N/A -
CD29	Anti-Sheep	149070	N/A -	149147	N/A -
CD41/61		149071	N/A -	149148	N/A -
CD44		149072	N/A -	149149	N/A -
CD45		149073	N/A -	149150	N/A -
CD47		149074	N/A -	149151	N/A -
CD62L		149075	N/A -	149152	N/A -
CD271		149076	N/A -	149153	N/A -
HLA-DR-DP		149077	N/A -	149154	N/A -
CD9	Anti-Bovine	149078	N/A -	149155	N/A -
CD14		149079	N/A -	149156	N/A -
CD21		149080	N/A -	149157	N/A -
CD45R		149081	N/A -	149158	N/A -
CD47		149082	N/A -	149159	N/A -
CD62L		149083	N/A -	149160	N/A -
CD117		149084	N/A -	149161	N/A -
HLA-DR-DP		149085	N/A -	149162	N/A -
CD4	Anti-Canin	149086	N/A -	149163	N/A -
CD29		149087	N/A -	149164	N/A -

Differentiation marker		PluriBeads-S		PluriBeads-M	
Type	Species	Cat.No.	€	Cat.No.	€
CD4	Anti-Mouse	149088	N/A -	149165	N/A -
CD8		149089	N/A -	149166	N/A -
CD11B		149090	N/A -	149167	N/A -
CD11C		149091	N/A -	149168	N/A -
CD14		149092	N/A -	149169	N/A -
CD19		149093	N/A -	149170	N/A -
CD31		149094	N/A -	149171	N/A -
CD45		149095	N/A -	149172	N/A -
F4/80		149096	N/A -	149173	N/A -
LY6G		149097	N/A -	149174	N/A -
Universal	Anti-Mouse	149098	N/A -	149175	N/A -
Universal	Anti-Rat	149099	N/A -	149176	N/A -
Universal	Anti-Rabbit	149100	N/A -	149177	N/A -
Universal	Anti-Hamster	149101	N/A -	149178	N/A -
Universal	Anti-goat	149102	N/A -	149179	N/A -
CD11A	Anti-Horse	149103	N/A -	149180	N/A -
CD41/61		149104	N/A -	149181	N/A -
CD14	Anti-Rabbit	149105	N/A -	149182	N/A -

Reagent kits for PluriBeads

Includes wash buffer, stabilisation buffer, incubation buffer, detachment buffer, PluriStrainers, funnels and connectors.



Cat. No.	Désignation	Number of tests	€
149184	Reagent kit for PluriBeads-S	5	N/A -
149185	Reagent kit for PluriBeads-S	10	N/A -
149186	Reagent kit for PluriBeads-M	5	N/A -
149187	Reagent kit for PluriBeads-M	10	N/A -

Buffers for PluriBeads

Cat.No.	Désignation	Volume (ml)	€
149189	Detachment buffer for PluriBeads	20	N/A -
149192	Wash buffer for PluriBeads (10x)	100	N/A -
149193	Wash buffer for PluriBeads (10x)	500	N/A -
149194	Wash buffer for PluriBeads (10x)	1000	N/A -

PluriStrainer Cell Strainers

Cat.No.	Size	Code Colour	Porosity (µm)	Units/ box	€/ box
149026B	S	Violet	30 µm	25	N/A -
149195	M	Blue	60 µm	25	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

AN EXTRAORDINARY ADVENTURE



MOLECULAR BIOLOGY

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Filter tips and gel tips can be found in the chapter TIPS- MICROPIPETTES

AN EXTRAORDINARY ADVENTURE



MOLECULAR BIOLOGY

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OMNI Mini Bead Ruptor 4 Bead Homogeniser



- **4 tubes of 0.5 ml, 1.5 ml or 2 ml, or 1 tube of 7 ml can be homogenised simultaneously**
- **Supplied with 0.5/1.5/2 ml tube holder and 7 ml tube holder**
- **Applications: lysis of human tissues, animal tissues, plants and foods, micro-organisms**

Range of volumes	25 µl - 7 ml
Speed (g)	30 - 150
Timer	1 s to 5 min
Dimensions W x D x H (mm)	25.4 x 21.5 x 29.2
Weight (kg):	7.48
Power supply	100-230 V / 50 - 60 Hz
Cat. No.	**078160**
€	**N/A -**



Pre-filled tubes for Omni Bead Ruptor Elite and Bead Ruptor 4 homogenisers

Homogenisation tube and beads

For lysis of all cell types
and extractions of nucleic acids, proteins and enzymes, etc.

DNase RNase



- **1.4 and 2.8 mm ceramic beads for soft animal, plant and human tissues: brain, liver, skin, leaves, gonad, muscles**
- **2.38 mm metal beads for all types of hard tissue: hair, teeth, bones, seeds, corn, rice, nails, etc.**
- **1 and 0.5 mm glass beads for microorganisms: spores, moulds, yeast, *escherischia coli* bacteria , ...**
- **0.15 mm and 0.7 mm garnet beads for soil, clay and sediment samples**
- **0.15 mm and 0.25 mm carbide beads for microbiological RNA and soil sample**

Pre-filled tubes and homogenising beads for Omni Bead Ruptor Elite and Bead Ruptor 4 homogenisers

Tube volume (ml)	Beads	Ø beads (mm)	Applications	Units/ box	Cat. No.	€/ box
0.5	Garnet	0.15	Small volume of microorganisms, lysis	50	078101	N/A -
	Carbide	0.25	RNA extraction, microorganisms, homogenisation	50	078103	N/A -
	Ceramic	1.4	Soft tissues, homogenisation	50	078104	N/A -
1.5	Metal	2.38	Hard tissues, mix	50	078176	N/A -
	Glass	0.5	Hard microorganisms, lysis	50	078177	N/A -
	Ceramic	1.4	Soft tissues, homogenisation	50	078178	N/A -
	Ceramic	2.8	Hard tissues, homogenisation	50	078179	N/A -
2	Ceramic	0.1	Micro-organisms, lysis	50	078220	N/A -
	Ceramic	0.1	Micro-organisms, lysis	50	078221*	N/A -
	Ceramic	0.5	Hard microorganisms, lysis	50	078222	N/A -
	Ceramic	0.5	Hard microorganisms, lysis	50	078223*	N/A -
	Ceramic	1.4	Soft tissues, homogenisation	50	078105	N/A -
	Ceramic	1.4	Soft tissues, homogenisation	50	078142*	N/A -
	Ceramic	2.8	Hard tissues, homogenisation	50	078106**	N/A -
	Ceramic	2.8	Hard tissues, homogenisation	50	078141*	N/A -
	Ceramic	1.4 y 2.8	Hard tissues, homogenisation	50	078224	N/A -
	Metal	2.38	Hard tissues, grinding	50	078098**	N/A -
	Metal	2.38	Hard tissues, grinding	50	078143*	N/A -
	Metal	6	Hard tissues, grinding	50	078225**	N/A -
	Glass	0.5	Hard microorganisms, lysis	50	078100	N/A -
	Glass	0.5	Hard microorganisms, lysis	50	078144*	N/A -
	Glass	0.1	Micro-organisms, lysis	50	078099	N/A -
	Garnet	0.7	Hard and fibrous tissues, homogenisation	50	078102	N/A -
7	Metal	2.38	Hard tissues, grinding	50	078180	N/A -
	Ceramic	1.4	Soft tissues, mix	50	078181	N/A -
	Ceramic	2.8	Hard tissues, mix	50	078182	N/A -
	Glass	0.5	Micro-organisms, lysis	50	078234	N/A -
15	Ceramic	2.8	Hard tissues, homogenisation	50	078201	N/A -
30	Metal	2.4	Hard tissues, mix	50	078202	N/A -
	Metal	2.4 and ceramic cylinder 6.35	Hard tissues, mix	50	078203	N/A -
	Ceramic	1.4 and ceramic cylinder 6.35	Soft tissues, homogenisation	50	078204	N/A -
	Ceramic	1.4	Soft tissues, homogenisation	50	078205	N/A -
	Ceramic	2.8	Hard tissues, homogenisation	50	078206	N/A -
	Ceramic	2.8 and ceramic cylinder 6.35	Hard tissues, homogenisation	50	078207	N/A -
50	Ceramic	2.8	Hard tissues, homogenisation	50	078194	N/A -

* Microbial DNA free ** Reinforced wall tube

Single tubes

- **Polypropylene**
- **RNase, DNase free (except 7 ml tubes)**

Tube volume (ml)	Units/ box	Cat. No.	€/ box
0.5	500	078186*	N/A -
1.5	500	078183	N/A -
	1000	078184	N/A -
2	500	078115*	N/A -
	500	078114B	N/A -
	1000	078185*	N/A -
	1000	078209**	N/A -
7	500	078188	N/A -
	1000	078124	N/A -
15	100	078231	N/A -
	500	078198	N/A -
30	100	078232	N/A -
	500	078199	N/A -
50	100	078200	N/A -

*Reinforced polypropylene **Low binding

All prices are indicative and exclude VAT. Visit www.dulis.nl

OMNI Bead Ruptor 96 bead homogeniser



- For bead milling of samples from 25 to 150 ml
- Up to 384 samples processed by grinding simultaneously (4 Deepwell 1 ml 96-well plates)
- Compatible with microplates, Deepwell, 0.5/1.5 and 2 ml tubes
- To be completed with the accessories of your choice (microplate holder, rack for 24 microtubes, stainless steel milling jar of 25 or 50 ml)
- Beadless shaking up to 576 samples (6 x 96-well microplates)
- Adjustable stirring frequency (3 to 30 Hz)
- Time adjustable from 5 seconds to 99 minutes

Range of volumes	‹ 25 µl to 50 ml
Stirring frequency	3 to 30 Hz
Stirring time	5 sec to 99 min.
Noise level (dB)	‹ 72
Dimensions W x D x H (mm)	38.1 x 43.18 x 22.86
Weight (kg):	42
Cat. No.	**078162**
€	**N/A -**

Accessories

Cat. No.	Description	Units/ box	€/ box
078163	Microplate holder (1 Deepwell 2 ml or 2 Deepwell 1 ml or 3 standard plates)	2	**N/A -**
078164	Rack for 24 microtubes 1.5 or 2 ml or 24 screw tubes 0.5 or 2 ml	2	**N/A -**
078165	Stainless steel Milling Jar 25 ml*	2	**N/A -**
078166	Stainless steel Milling Jar 50 ml**	2	**N/A -**
078167	Stainless steel bead 10 mm	10	**N/A -**
078168	Stainless steel bead 25 mm	5	**N/A -**
078107	Bag of metal beads 2.38 mm, 500 grams	1	**N/A -**
078172	Bag of stainless steel beads 5 mm, 500 grams	1	**N/A -**
078173B	Deepwell SBS 96-square-well plate, 2 ml	10	**N/A -**
078174B	Sealing mat for Deepwell plate	10	**N/A -**
078175	Pack of 5 x 2 ml Deepwell 96-square-well plates with 1 x 5 mm stainless steel bead per well and 10 sealing mats	1 pack	**N/A -**
078226	Pack of 2 x 2 ml Deepwell 96-square-well plates with 1 x 0.1 mm ceramic bead per well and sealing mat	1 pack	**N/A -**
078227	Pack of 10 x 2 ml Deepwell 96-square-well plates with 1 x 0.1 mm ceramic bead per well and sealing mat	1 pack	**N/A -**
078228	Pack of 10 x 2 ml Deepwell 96-square-well plates with 1 x 1.4 mm ceramic bead per well and sealing mat	1 pack	**N/A -**
078229	Pack of 2 x 2 ml Deepwell 96-square-well plates with 1 x 1.4 mm ceramic bead per well and sealing mat	1 pack	**N/A -**

*Operates with a 10 mm stainless steel bead, sample volume from 4 to 10 ml.
**Works with a 25 mm stainless steel bead, sample volume from 8 to 20 ml.







Bullet Blender Bead Homogenisers



Model BB50-DX



Gold models

- Compatible with microtubes: 1.5 or 2 ml (0 - 300 µl samples), 5 ml tubes (0.1 - 1 ml samples) or 50 ml tubes (0.1 - 3.5 ml samples) depending on model
- Adjustable homogenisation speed
- "4 °C cooling"System: maintains samples at 4 °C with the addition of dry ice ("gold" versions)
- CE certification
- Supplied with starter kit: bag of different types of beads, scoops and suitable tubes
- Gold" and "50-DX" versions with digital display and recordable programmes
- Warranty: 2 years

Model	Storm Pro BT24M	Gold BB24-AU	5E Pro BT5E	5 Gold BB5E-AU	50-DX BB50-DX	50 Gold BB50-AU
Capacity	24 x 1.5 and 2 ml tubes		12 x 5 ml tubes		8 x 50 ml tubes	
Air cooling	√	√	√	√	√	√
4 °C cooling	-	√	-	√	-	√
Compatible with RINO Screw-cap tubes	√	√	-	-	-	-
Digital display	√	√	√	√	√	√
Operating temperature (°C)	4 to 40 (non-condensing)					
Dimensions W x D x H (mm)	34.3 x 25.4 x 22.9	46 x 35 x 38	34.3 x 25.4 x 22.9	46 x 35 x 38	38 x 35 x 38	46 x 35 x 38
Weight (kg):	5	13.6	5	13.6	13.6	13.6
Cat. No.	**152081**	**152047**	**152082**	**152049**	**152044**	**152050**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Pre-filled tubes

Colour code	Applications	Bead	Ø (mm)	Tube volume (ml)	Tube type	RNase free	Units/ box	Cat. No.	€/ box
Green	Soft tissues (muscles)	Stainless steel	50 µl of 0.5 mm beads 50 µl of 0.9 - 2 mm beads	1.5	RINO	No	50	152093	N/A -
						Yes	50	152094	N/A -
						No	250	152095	N/A -
						Yes	250	152096	N/A -
				1.5	Eppendorf safe-lock	No	50	152089	N/A -
						Yes	50	152090	N/A -
						No	250	152091	N/A -
						Yes	250	152092	N/A -
				5		No	20	152085	N/A -
						Yes	20	152086	N/A -
						No	100	152087	N/A -
						Yes	100	152088	N/A -
Blue	Hard samples (bones, tumours, hard-shelled insects)	Stainless steel	100 µl of 0.9 - 2 mm beads and 5 x 3.2 mm beads	1.5	RINO	No	50	555668	N/A -
						Yes	50	555669	N/A -
						No	250	555670	N/A -
						Yes	250	555671	N/A -
				1.5	Eppendorf safe-lock	No	50	152062	N/A -
						Yes	50	152063	N/A -
						No	250	152064	N/A -
						Yes	250	152065	N/A -
				5		No	20	555710	N/A -
						Yes	20	555711	N/A -
						No	100	555712	N/A -
						Yes	100	555713	N/A -
Pink	Soft and small samples (liver)	Zirconium oxide	50 µl of 0.5 mm beads and 50 µl of 1 mm beads	1.5	RINO	No	50	555726	N/A -
						Yes	50	555703	N/A -
						No	250	555727	N/A -
						Yes	250	555702	N/A -
				1.5	Eppendorf safe-lock	No	50	555722	N/A -
						Yes	50	555723	N/A -
						No	250	555724	N/A -
						Yes	250	555725	N/A -
				5		No	20	555718	N/A -
						Yes	20	555719	N/A -
						No	100	555720	N/A -
						Yes	100	555721	N/A -
Red	Soft and large samples	Zirconium oxide	100 µl of 0.5 mm beads and 100 µl of 1 mm beads	1.5	RINO	No	50	555707	N/A -
						Yes	50	555705	N/A -
						No	250	555708	N/A -
						Yes	250	555704	N/A -
				1.5	Eppendorf safe-lock	No	50	555732	N/A -
						Yes	50	555733	N/A -
						No	250	152074	N/A -
						Yes	250	555734	N/A -
				5		No	20	555728	N/A -
						Yes	20	555729	N/A -
						No	100	555730	N/A -
						Yes	100	555731	N/A -
Yellow	Bacterial lysis	Ceramic	200 µl of 0.15 mm beads	1.5	RINO	No	50	555739	N/A -
						Yes	50	555740	N/A -
						No	250	555741	N/A -
						Yes	250	555742	N/A -
				1.5	Eppendorf safe-lock	No	50	555735	N/A -
						Yes	50	555736	N/A -
						No	250	555737	N/A -
						Yes	250	555738	N/A -
Orange	Bacterial extraction, generation of cell suspensions from tissue samples	Stainless steel	5 x 3.2 mm beads	1.5	RINO	Yes	50	555715	N/A -
						Yes	250	555717	N/A -
				1.5	Eppendorf safe-lock	Yes	50	555714	N/A -
						Yes	250	555716	N/A -

Single tubes

Microtubes 1.5 ml reinforced wall

Reinforced tube for vigorous homogenisation. Screw cap with gasket to prevent sample loss. Recommended for use with metal grinding beads

Ref.	Description	Units/ box	€/ box
152051	1.5 ml RINO microtubes, sterile	500	N/A -



Safe-Lock microtubes

Ref.	Description	Units/ box	€/ box
033508	Eppendorf Safe-Lock Microtubes 1.5 ml, PCR clean	1000	N/A -
033509	Eppendorf Safe-Lock Microtubes 2 ml, PCR clean	1000	N/A -

Tubes

Ref.	Description	Units/ box	€/ box
933008	Eppendorf tubes 5 ml DNase/RNase free, sterile	200	N/A -

Accessories

Cat.No.	Description	Units/ bag	€/ bag
152012	Measuring spoons 1.2 ml, single pack, sterile	200	N/A -
152013		20	N/A -
152010	Spatulas 50 µl, single pack, DNase/RNase free, PCR clean, antistatic, sterile	50	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

BeadBug™ and BeadBug™ 6 Bead Homogenisers



For homogenisation of samples that are too resistant to vortexing, lysis of all types of cells. Economical alternative to other homogenisers.

- **For simultaneous homogenisation of up to 3 (Beadbug™) unskirted 2 ml tubes with screw cap or up to 6 (Beadbug™ 6) x 2 ml tubes or 2 (Beadbug™ 6) x 5 ml* tubes**
- **Glass beads and stainless steel beads (acid washed) available in pre-filled tubes and in bulk (to be purchased separately)**
- **Triple Pure nuclease-free zirconium beads (molecular biology grade)**
- **Warranty: 2 years**

Model	Beadbug™
Speed	2700 to 4000 rpm
Capacity	Up to 3 x 2 ml tubes (screw cap, non skirted)
Timer	3 sec to 3 minutes
Dim. L x W x H / Weight	17 x 21 x 13.5 cm / 2.2 kg
Voltage	230 V
Cat. No.	**062505**
€	**N/A -**

Model	Beadbug™ 6
Speed range (m/s)	4 to 7 (in increments of 0.05 m/s)
Capacity	6 x 2 ml tubes or 2 x 5 ml tubes*
Cycle time (sec)	1 to 90
Pause between cycles (sec)	0 to 90 (in 1 sec increments)
Max. number of cycles	10
Noise level (dB)	‹ 65
Dimensions (cm)	22 x 35.5 x 20.5
Power supply	100 to 240 V, 50-60 Hz
Weight (kg):	9
Cat. No.	062831
Voltage	100 to 240V
Cat. No.	**062831**
€	**N/A -**

*Requires adapter sold separately



Accessories

CatNo.	Description	Units/ box	€/ box
062832	Adapter for 2 x 5 ml tubes for Beadbug™ 6	1	**N/A -**
062833	5 ml tubes with unmounted cap for homogeniser	500	**N/A -**

Mini-beadbeater 24 Grinder/homogeniser



- **Sturdy and user-friendly disrupter with adjustable grinding time and force**
- **The tube is shaken in a figure of 8 pattern for better percussion and bead distribution**
- **Processes 24 samples of up to 400 mg each (0.5 /1.5 /2 ml screw tube)**
- **Adapter for 24 tubes included**
- **Adapter for 8 x 7 ml tubes available as an option**
- **Grinding of all types of samples: bacteria, yeast, tissue, hair, bone, tooth..**
- **Various tubes available: reinforced polypropylene, disposable stainless steel**

Timer	0 to 5 minutes
Oscillation speed	2000 to 3450 strokes/min
Oscillation amplitude (cm)	2.22
Dimensions (W x D x H) (cm)	45.72 x 25.4 x 30.48
Power supply	115-230 V, 50/60 Hz
Cat. No.	**918007**
€	**N/A -**

Accessories

XXTuff reinforced polypropylene tube

- **Same dimensions as a 2 ml microtube**
- **Reinforced tube allowing the use of steel beads**
- **Screw cap with seal**

Cat.No.	Description	Units/ box	€/ box
918012	XXTUFF 2 ml Tube	500	**N/A -**
918009	Stainless steel 1.8 ml tube	100	**N/A -**
918021	Silicone cap for stainless steel tube	100	**N/A -**

Stainless steel Tube

- **Same external dimensions as a 2 ml microtube**
- **Improves heat exchange and resistance**
- **Ideal for applications where polypropylene could contaminate the sample**
- **Recommended for grinding under nitrogen**
- **Silicone caps are required for grinding dry or frozen samples using steel beads (sold separately)**

Beads for grinder/homogeniser

- Stainless steel: for plant tissue
- Carbide: for microbiological RNA and soil samples
- Ceramic: for plant, animal and soft human tissue
- Garnet: for hard samples, not suitable for soil samples
- Metal: for all types of hard tissues
- Zirconium oxide: for high viscosity samples
- Zirconium silicate: for spores and most tissues
- Glass: for micro-organisms
- Zirconium: for hard tissue

Bead tubes

- Sterile (except 50 ml tubes)
- UFO beads: special shape for grinding fibrous or elastic samples

Bead volume (ml)	Material	Ø (mm)	Units/ box	Cat. No.	€/ box
4	Stainless steel	0.2	1	152033	N/A -
		0.5	1	152035	N/A -
		0.9 to 2	1	152037	N/A -
		1.6	1	152052	N/A -
10		3.2	1	152053	N/A -
		4.8	1	152054	N/A -
		6	1	152056	N/A -
10	Stainless steel - UFO bead	3.5	1	152058	N/A -
50			1	152057*	N/A -
10		5.6	1	152060	N/A -
50			1	152059*	N/A -
4	Zirconium oxide	0.15	1	152025	N/A -
		0.5	1	152027	N/A -
		1	1	152029	N/A -
		2	1	152031	N/A -
4	Glass	0.1	1	152017	N/A -
		0.5	1	152019	N/A -

* Non sterile.

Triple Pure bead bottles

- Molecular biology beads, certified free of RNAse, DNAse, proteases and nucleic acids

Material	Ø (mm)	Weight (g)	Cat. No.	€
Zirconium	0.1	250	062809	N/A -
	0.5	250	062776	N/A -
	1	250	062815	N/A -
	1.5	250	062816	N/A -
	3	300	062773	N/A -

Bags of beads

Material	Ø (mm)	Weight (g)	Cat. No.	€
Stainless steel	0.2	450	152032	N/A -
	0.5	450	152034	N/A -
	0.9 to 2	450	152036	N/A -
	1.6	450	152038	N/A -
	2.3	450	555743	N/A -
	3.2	450	152039	N/A -
	4.8	450	152040	N/A -
	6	450	152055	N/A -
Ceramic	1.4	325	078112	N/A -
	2.8	325	078113	N/A -
	6.5	325	078219	N/A -
Garnet	0.15	500	078110	N/A -
	0.7	500	078111	N/A -
Metal	2.38	500	078107	N/A -
Zirconium oxide	0.15	450	152024	N/A -
	0.5	450	152026B	N/A -
	1	450	152028	N/A -
	2	450	152030	N/A -
	2.5	450	152080	N/A -
Zirconium silicate	0.1	450	918006	N/A -
	0.5	450	918000	N/A -
	0.5	450	555744	N/A -
	1	450	152022	N/A -
		450	918015	N/A -

Material	Ø (mm)	Weight (g)	Cat. No.	€
Glass	0.1	375	079052	N/A -
		400	078108	N/A -
		450	152016	N/A -
		450	918004	N/A -
	0.5	375	079053	N/A -
		400	078109	N/A -
		450	152018	N/A -
		450	918014	N/A -
	1	450	152020	N/A -
	1	1000	068499	N/A -
	2	1000	068500	N/A -
	3	1000	068501	N/A -
	4	1000	068502	N/A -
	5	1000	068503	N/A -
	6	1000	068504	N/A -
	8	1000	068505	N/A -
	10	1000	068555	N/A -
Zirconium	2	450	918016	N/A -

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TissueMaster-125 Omni Homogeniser



- Power: 125 W
- Economical for samples from 0.25 to 30 ml
- Variable speed motor from 5 000 to 35 000 rpm
- Supplied with a 7 mm x 85 mm C189 dispersion rod
- Most samples are dispersed in less than a minute
- Easy to clean and dismantle
- Portable and lightweight
- To be handled by hand or mounted on a stand
- CSA, UL and CE C196 standards
- Noise below 72 dB
- 1 year warranty for the motor

Cat. No.	Description	€
078053	TissueMaster-125 Homogeniser withrod 7 x 85 mm	N/A -

TH Omni Homogeniser



- To be held in the hand or on a stand
- For samples from 0.05 to 100 ml
- Lightweight, ergonomic
- Supplied with probe/dispersion rod assembly tool and manual
- 125 W motor
- Mounting of EZ connect stainless steel probes with 1/4 revolution bayonet
- Noise limited to 72 dB
- Variable speed from 5 000 to 35 000 rpm
- CE and CSA certified

TH pack with TH 220 V homogeniser motor , 3 EZ-Connect rods for fine grinding (5 x 75 mm flat bottom (Cat No. 078007), 7 x 115 mm saw teeth (Cat. No. 078148) and 10 x 115 mm saw teeth (Cat. No.. 078150), nut and stand.

Cat. No.	Description	€
078000	Full TH pack	N/A -
078001	Omni Tissue Homogeniser only	N/A -
078002	Stand	N/A -
078003	Rod with tightening nut	N/A -

THQ Omni Homogeniser



- For samples from 200 µl to 120 ml
- To be held by hand or on a stand
- Variable speed from 8 000 to 32 000 rpm
- Max. noise level 68 dB
- 40 W motor
- Supplied with assembly tool, stand clamp, manual and starter kit including 12 plastic dispersion rods, 6 for soft tissue and 6 for hard or frozen tissue
- Dispersion rod:
  - Ø: 7 x 110 mm
  - Recommended working volume: 0.25 A 30 ml

Cat. No.	Description	€
078211	THQ homogeniser	N/A -
078002	Stand	N/A -

Omni GLH-850 Homogeniser



- For samples from 1.5 ml to 5 l
- 850 W motor, 2 year warranty
- Variable speed: 5000 to 25000 rpm
- Noise level: < 72 dB
- Timer up to 9 min 59 sec
- On / off button
- Base included
- CE certified

CatNo.	Description	€
078146	GLH-850 homogeniser complete with 3 stainless steel rods (10, 20 and 30 mm)	N/A -
078147	GLH-850 Single motor homogeniser	N/A -

Omni stainless steel dispersion rods with rotor stator rod

Rods for Omni TH and GLH 850 homogenisers

Cat. No.	Dimensions Ø x h (mm)	Volume (ml)	Bottom	Type of grinding	€
078007	5 x 75	0.02 - 5	Flat	Fine	N/A -
078008	5 x 75	0.02 - 5	Flat	Coarse	N/A -
078148	7 x 115	0.25 - 30	Serrated	Fine	N/A -
078149	7 x 115	0.25 - 30	Serrated	Coarse	N/A -
078150	10 x 115	1.5 - 100	Serrated	Fine	N/A -
078151	10 x 115	1.5 - 100	Serrated	Coarse	N/A -

Rods for Omni GLH 850 homogeniser only

Cat. No.	Dimensions Ø x h (mm)	Volume (ml)	Bottom	Type of grinding	€
078021	20 x 195	100 - 2000	Serrated	Fine	N/A -
078022	20 x 195	100 - 2000	Serrated	Coarse	N/A -
078152	30 x 195	200 - 5000	Crenellated	Fine	N/A -
078153	30 x 195	200 - 5000	Crenellated	Coarse	N/A -

Rods for THQ Omni homogeniser

Cat. No.	Dimensions ø x H (mm)	Volume (ml)	Bottom	Units/ box	€/ box
078212	5 x 75	0.2 - 5	Serrated	1	N/A -
078213	5 x 75	0.2 - 5		6	N/A -
078214	7 x 100	0.25 - 30		1	N/A -
078215	7 x 100	0.25 - 30		6	N/A -
078216	10 x 110	1.5 - 100		1	N/A -
078217	10 x 110	1.5 - 100		6	N/A -

Accessoire

Cat. No.	Description	€
078026	Dismantling tools	N/A -



The photos on the right are not to scale with each other.

Plastic dispersion rods: Omni Tip™

- **Reusable and autoclavable up to 7 times**
- **To eliminate the risk of cross-contamination between samples**
- **Ideal for PCR, DNA or RNA blotting analysis**
- **The clear plastic rod tube shows that there is no sample left**
- **Can be cleaned, disinfected and sterilised for repeated use**
- **Two-piece construction for easy disassembly and cleaning**
- **80% less protein residue compared to a stainless steel tool**
- **Compatible with all Omni homogenisers with EZ connection (GLH, TGH, THQ)**
- **Available in sterile version: avoids cross-contamination and transfer between samples**
- **Diameter 7 x 110 mm**
- **Recommended workload: 0.25 ml to 30 ml**

Two models:
- rods for standard dispersion of liquid mixtures, soft tissues or tissues requiring gentle homogenisation;
- rods for the disintegration of hard or frozen tissues.



Adapter

Cat. No.	Description	Units/ box	€/ box
078042	Adapter for homogenisers Omni EZC and Fisher PowerGen	1	N/A -

Dispersion rods

In boxes	25	50	100	500
Omni Tip™ standard 110 mm dispersion rods				
Cat. No.	**078031**	**078032**	**078033**	**078034**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Omni Tip™ Dispersion Rods for hard or frozen tissues 110 mm				
Cat. No.	**078035**	**078036**	**078037**	**078038**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Omni Tip™ Dispersion Rods for hard or frozen tissues 110 mm sterile				
Cat. No.	**078039**	**-**	**-**	**-**
€	**N/A -**	**-**	**-**	**-**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Omni TH tissue homogenisation kit for PCR



- Plastic dispersion rods, autoclavable
- For the complete disintegration of cell lysates
- Good disintegration of membranes
- Steel dispersion rods: for samples that are not susceptible to contamination
- Plastic rods, single or limited use to avoid contamination
- Flat bottom for soft tissues and serrated tool for fibrous tissues

Each kit includes a TH homogeniser with PCR instructions, Omni Tip™ adapter, stainless steel dispersion rod, storage case.
Two models: for soft tissue or for frozen tissue.

Omni PCR soft tissue kit, kit contents:

Cat. No.	Homogeniser Omni TH	12 Omni Tip™ ø x H (mm)	Stainless steelrod ø x H (mm)	Cleaning Kit	Adapter	PCR Manual	€
078043	Yes	7 x 110	No	No	Yes	Yes	N/A -
078045	Yes	7 x 110	5 x 75	Yes	Yes	Yes	N/A -
078046	Yes	7 x 110	7 x 115	Yes	Yes	Yes	N/A -
078047	Yes	7 x 110	10 x 115	Yes	Yes	Yes	N/A -

Omni PCR hard tissue kit, kit contents

Cat.No.	Homogeniser Omni TH	12 Omni Tip™ ø x H (mm)	Steelrod Stainless steel ø x H (mm)	Adap-ter	PCR Manual	€
078051	Yes	7 x 110	5 x 75	Yes	Yes	N/A -

Accessories

Cat. No.	Description	€
078026	Dismanting tools	N/A -
078002	Stand for Omni TH	N/A -
078003	Stem with mounting nut	N/A -

STERILISATION OF OMNITIPS RODS

Recommended
- Autoclave up to 121 °C
- Formaldehyde(g)
- Ethylene oxide
- Gamma irradiation up to 5 MRAD
- Glutaraldehyde (2%)
- Nitrogen oxide

Not Recommended
- UV irradiation

BIOLOGICAL DISINFECTION

Recommended
- Hypochlorite bleach (5%)
- Formaldehyde 40%
- 70% alcohol

Not Recommended
- Phenolic derivatives
- Long-term exposure to Guanidine derivatives
- Dichloralphenazone

DECONTAMINATION AFTER USING RADIOACTIVE PRODUCTS

Recommended
- Water / Ethanol / SDS
- Cleaning solutions: "radiacwash"
- or "count-off

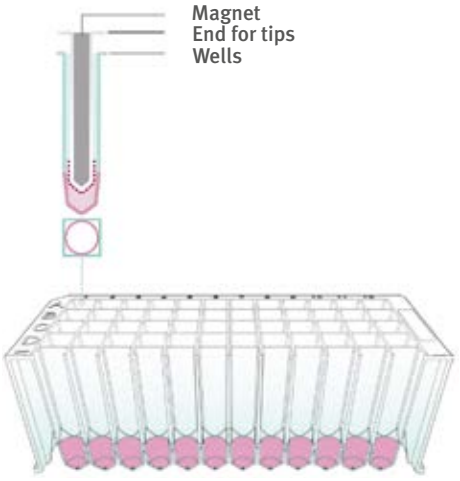
CLEANING OF THE OMNITIPS PLASTIC ROD ADAPTER

Recommended
- Cleaning with soapy water
- Hot water and brief rinse with 1% SDS, then distilled water treated with diethyl procarbonate (DEPC)

Riplate® magnetic 96-well plates







Plates compatible with Kingfisher 96 Flex Magnetic Particle Processors.
For storage, centrifugation, preparation and purification of samples.

- Made of virgin polypropylene
- Slightly raised well edges to avoid cross-contamination
- High stability during centrifugation
- Alphanumeric marking
- Square wells with cylindrical bottom for better mixing
- U-shaped bottom

Cat.No.	Description	Vol. tot. (ml)	Working Vol. (µl)	Units/ box	€/ box
023131B	Riplate® magnetic 96-well plates	0.2	20 - 100	60	N/A -
071474	Riplate® magnetic 96-well plates *	2.0	20 - 1000	20	N/A -
071475	Riplate® magnetic 96 comb*	-	-	60	N/A -

*Compatible with KingFishet Flex and Presto robots

Deepwell 96 wells 2.2 ml for KingFisher

porvair

- Made of virgin polypropylene
- Manufactured in clean room
- Low affinity for biomolecule
- Chemical and thermal resistance (-196 °C to +120 °C)
- Autoclavable
- Alphanumeric marking
- KingFisher™ Flex, Duo Prime, and Presto compatible

DNase RNase · Human DNA

Cat. No.	Volume (ml)	Working volume (µl)	Bottom	Pack. unit	Units/ box	€/ box
058148	2.2	50 to 100	V	5	10	N/A -



Deepwell 96-well plate for magnetic bead separation

- Transparent virgin polypropylene
- Well 1 ml round, V bottom
- Alphanumeric marking
- Suitable for separation protocols using magnetic beads
- Ultra-flat
- Manufacturing ISO 7 and 8 rooms
- Resistant to DMSO, phenol, chloroform
- SBS format
- Operating temperature: -80 °C to 120 °C
- Autoclavable

Endo-toxins · DNase RNase · Human DNA

Cat. No.	Description	Units/ box	€/ box
448027	Deepwell 96-well plate	50	N/A -



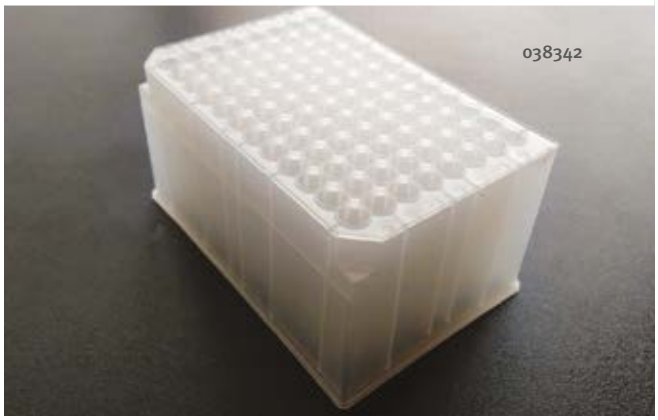
MagnaPure 96 Roche Plates for machine

- Used in DNA/RNA extraction kits and DNA extraction machines
- Compatible with MagnaPure 96
- Made of low binding polypropylene
- Operating temperature: -80 °C to +100 °C
- Laser engraved barcode

Deepwell 96-well for extraction steps

- Marking of volumes 0.5 ml, 1 ml, 1.5 ml and 2 ml on 2 longitudinal sides
- High walls to limit cross-contamination

DNase RNase · Pyro-genic · Human DNA · RNA





96-well V-bottom plate for collection of purified nucleic acid eluates

Cat. No.	Description	Pack. unit	Units/ box	€/ box
038342	Deepwell, 96-well	5	30	N/A -
038343	96-well V-bottom plate	20	20	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Optical paper for microscopes



High quality paper for cleaning optical surfaces and lenses made of plastic glass or quartz. Does not contain any chemical agents, silicone or special additives.

- **Very soft, does not scratch**
- **Very pure, free of additives**
- **Highly absorbent for grease and moisture removal**

Cat. No.	Dimensions (mm)	Packaging	€
036445	100 x 150	25 notebooks of 25 sheets	**N/A -**
036531	200 x 300	100	**N/A -**
036532	460 x 570	500	**N/A -**

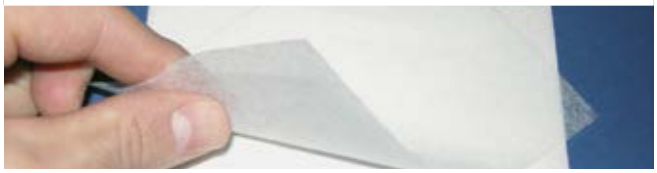
Optical paper



- **In Japanese paper**
- **Paper for wiping lenses**
- **Lint free**
- **Sold in packs of 25 sheets**

Cat. No.	Format (mm)	Units/ box	€/ box
074042	95 x 135	25 x 25	**N/A -**
074089	100 x 150	625	**N/A -**
074090	200 x 300	100	**N/A -**
074091	460 x 570	500	**N/A -**

ECO lens cleaning wipes



Cat. No.	Dimensions (mm)	Packaging	€/ box
068885	95 x 135	25 bags of 25 sheets	**N/A -**
068886	190 x 135	500 sheets	**N/A -**
068887	190 x 270	500 sheets	**N/A -**
068888	380 x 540	500 sheets	**N/A -**

Low volume cuvettes for DNA and proteins



Optical path (mm)	0.125	0.2	0.5
Minimum sample volume (µl)	0.6	1	2.5
DNA detection limit (ng/µl)	7.1	3	1.2
Maximum DNA concentration (ng/µl)	12000	9000	3500
Reproducibility for 100 ng/µl DNA (ng)	±4	±2	±1
Reproducibility for 1000 ng/µl DNA (ng)	±7	±6	±4
Protein detection limit (mg/ml)	0.3	0.15	0.06
Maximum protein concentration (mg/ml)		100	

DMV-Bio quartz cuvettes for measuring microvolumes of nucleic acids and proteins.

- **For measuring the absorbance of small volumes of nucleic acids and proteins with a conventional spectrophotometer**
- **For a beam height of 8.5 or 15 mm depending on the cuvette, compatible with most UV/visible spectrophotometers on the market**
- **For measuring 0.6 to 2.5 µl of sample depending on the model**
- **Validation of the 260/280 nm ratio and absorbance value with solutions sold separately**
- **Production of a certificate for the accuracy of the optical path (± 2 µm) (optional when ordering, please consult us)**

Cat. No.	Optical path (mm)	Minimum sample volume (µl)	Beam height (mm)*	€
244500	0.5	2.5	8.5	**N/A -**
244501	0.5	2.5	15	**N/A -**
244502	0.2	1	8.5	**N/A -**
244503	0.2	1	15	**N/A -**
244504	0.125	0.6	8.5	**N/A -**
244505	0.125	0.6	15	**N/A -**

* Check the beam height of your spectrophotometer.

Accessories

Cat. No.	Description	€
244512	260/280 nm ratio validation solution, 1.5 ml	**N/A -**
244513	Optical path length and absorbance validation solution, 1.5 ml	**N/A -**

QuantGene 9600 Real-Time Thermocycler

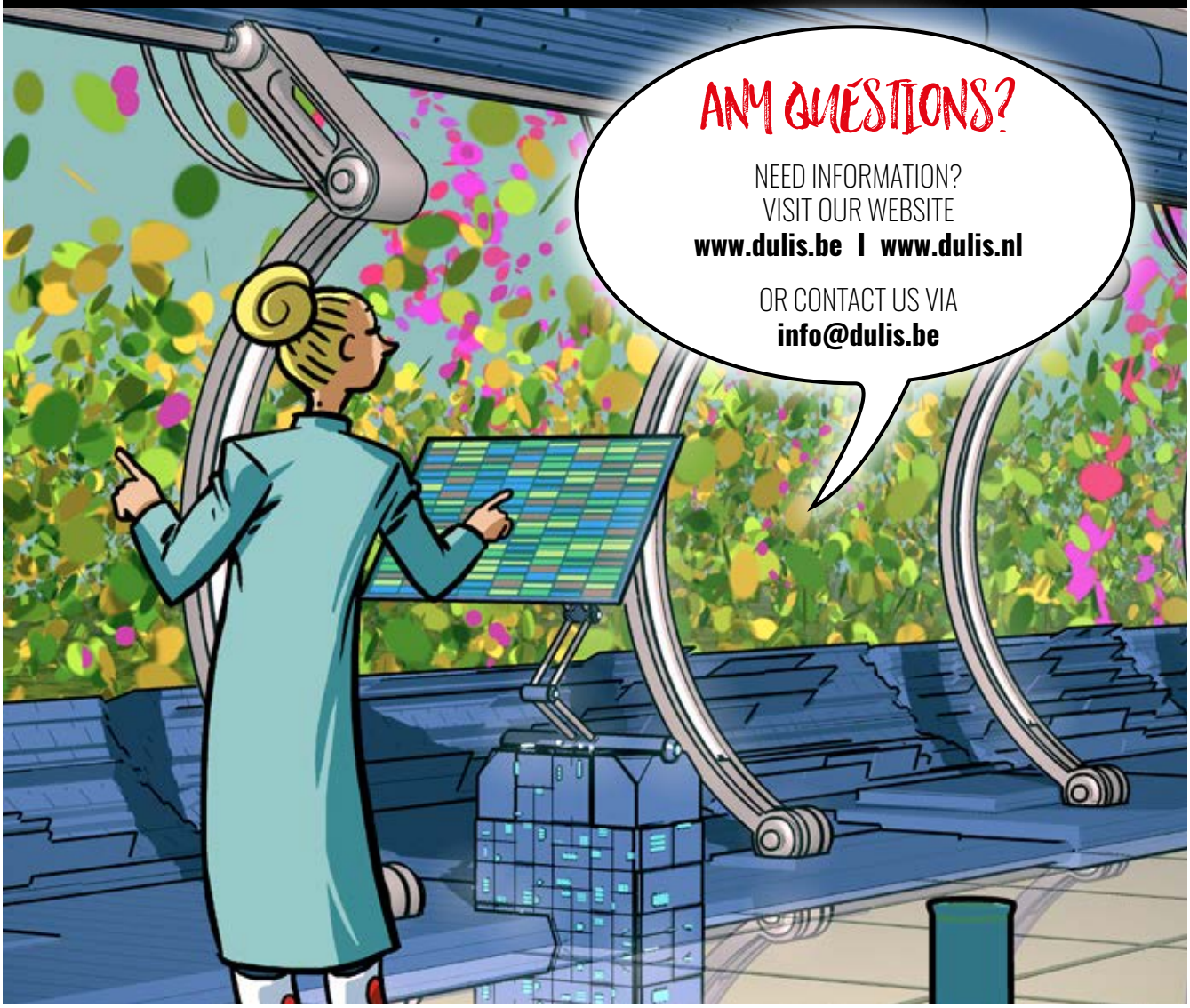


The QuantGene 9600 is a 96-well block real-time PCR thermal cycler.

- **Reading: 5 fluorescence channels for multiplexing (green, yellow, orange, red, infrared); possibility to configure a 6th channel as desired**
- **Consumables: 96-well 0.2 ml PCR plates, 0.2 ml PCR individual tubes or strips of 8**
- **Stand-alone: integrated large touch screen, running Windows 10**
- **Temperature range of the block: 4 - 105 °C**
- **Temperature ramp: 6 °C/sec**
- **Lid temperature: 30 - 110 °C**
- **Warranty: 27 months**

Dimensions W x D x H (mm)	38 x 40 x 38
Weight (kg):	20
Cat. No.	**865083**
€	**N/A -**

WELCOME TO DULIS



CUSTOMER SERVICE & PURCHASING

SERVICE, RESPONSIVENESS AND AVAILABILITY
ARE PART OF OUR DAILY PRIORITIES.



Véronique VAN DEN BOSSCHE,
Customer Care Coordinator.

TO **FOLLOW UP YOUR ORDERS, PRODUCTS AVAILABILITY, DEADLINES**, please contact your advisor by email:
orders@dulis.be

Véronique VAN DEN BOSSCHE is ready to help you with all your questions: **quotation requests, offers & prices.**

Do not hesitate to contact her at **+32 81 94 66 00**
or by email **veronique.vandenbossche@dulis.be**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Labcycler 48 basic or gradient Thermal cyclers



049975

- Available in basic or gradient version, with 48-well aluminium or gold-plated silver block (included)
- TFT touch screen
- 8-zone gradient depending on model
- Heating and cooling rate up to 5 °C/second depending on the model
- Time and temperature decrement or increment possible (up to ± 9.99 °C and ± 99.99 seconds)
- Access code protection for up to 64 users
- Low energy consumption
- Gradient 20 °C max (± 10 °C)*
- Warranty: 5 years

	Aluminium block	Gold-plated silver block
Temperature (°C)	-5 to +99.9	
Homogeneity (°C)	± 0.25 to 55 °C, ± 0.4 to 95 °C	
Heating rate (°C/s)	3.5	5
Cooling rate (°C/s)	3.2	5
De(In)crement temperature (°C)	9.99	
De(In)crement time (seconds)	99.99	
Heated lid	Automatic, up to 105 °C	
Number of programmes	Up to 680	
Dimensions (L x D x H)(cm)	20 x 37 x 16	
Weight (kg)	7.8	
Basic 48-well non-removable model		
Cat. No.	**049974**	**049986**
€	**N/A -**	**N/A -**
48-well non-removable gradient model		
Cat. No.	**049975**	**049976**
€	**N/A -**	**N/A -**

* Only valid for the gradient labcycler.

Basic or gradient Labcycler thermal cyclers

Labcycler Cat. No. 049984, with 96-well block Cat. No. 049963



- TFT touch screen and keypad
- Various interchangeable blocks available (to be ordered separately), triple block 3 x 21 wells for three independent programs, 48, 96 and 384 wells
- Tool-free block change with automatic block recognition
- Aluminium 96-well block for reactions up to 100 µl, ideal for high volume in vitro reactions
- Gradient of 8 to 24 zones depending on model and block
- Heating and cooling rates up to 4.2 and 3.6 °C/second respectively, depending on model and block
- Gradient 40 °C max (± 20 °C)*
- Up to 680 programmes can be stored in memory
- Data protection by access code, by group or individual, file or program
- Warranty: 5 years

	Basic	Gradient
Gradient	-	40 °C max (± 20 °C)
Temperature (°C)	-5 to +99.9	
Homogeneity (°C)	± 0.25 from 20 °C to 72 °C, ± 0.4 to 95 °C	
Temperature setting increment (°C)	0.01	
De(In)crement temperature (°C)	9.99	
De(In)crement time (seconds)	99.99	
Gradient	-	40 °C max (± 20 °C)
Number of programmes	up to 680	
Dimensions (L x D x H)(cm)	25.1 x 44.4 x 20.1/34.7 (lid closed/open)	
Weight (kg)	11.5	
Thermal cycler labcycler without block		
Cat. No.	**049984**	**049983**
€	**N/A -**	**N/A -**

Options

Cat. No.	Description	€
049965	Upgrade service from a basic gradient model	N/A -
049971	Lid for one 21-well block of the triple block	N/A -

Block for labcycler

Cat. No.	Description	Heating / cooling rate (°C/s)	Number of zones for gradient*	Min/max reaction volume per well (µl)	€
049964	48-well gold-plated silver block (0.5 ml)	4.2 / 3.6	8	20 / 200	N/A -
049963	96-well gold-plated silver block (0.2 ml)	4.2 / 3.6	12	10 / 80	N/A -
049962	384-well gold-plated silver block	4.2 / 3.6	24	3 / 20	N/A -
049970	Triple block 3 x 21 wells**	2.5 / 2.2	-	10 / 80	N/A -
049982	Aluminium block 96-well 100 µl, 0.2 ml	2.5 / 2.2	12	10 / 100	N/A -
049985	Block for in situ PCR	2.5 / 2.2	-	-	N/A -

* only valid for the gradient labcycler
*triple block is not gradient compatible, passive covers to prevent condensation to be ordered separately (ref.049971)

TurboCycler 2 gradient thermal cycler

- **96-well gradient block compatible with standard and low profile 0.2 ml PCR tubes and strips, skirted, semi-skirted and unskirted plates**
- **7'' colour touch screen that can be operated with laboratory gloves**
- **Intuitive control interface with icons and graphics**
- **Heated lid**
- **Maximum heating / cooling rate 5.5 / 3.3 °C per second**
- **Configurable temperature ramp: 0.1 to 5.5 °C /sec**
- **Temperature accuracy and uniformity of ± 0.3 °C**
- **Temperature gradient from 1 to 24.9 °C on 12 columns for PCR parameter optimisation**



Block temperature range	4 to 99.9 °C
Gradient range	1 to 24.9 °C
Gradient Temperature range	30 to 99 °C
Lid temperature	35 °C to 120 °C or inactive
Block Homogeneity	± 0.3 °C
Block temperature Accuracy	± 0.3 °C
Max. heating rate	5.5 °C / sec
Max. cooling rate	3.3 °C / sec
Adjustable temperature ramp	0.1 to 5.5 °C / sec
Recordable programmes	500
Interface	USB, WIFI (optional)
Dim. W x D x H (mm)	245 x 415 x 225
Weight (kg)	9.5
Power supply	100 - 240 V, 50/60 Hz
Max. power consumption	750 W
Cat. No.	**255200**
€	**N/A -**

Accessoire

Cat. No.	Description	Units/ box	€/ box
255204	Compression mat for use with low profile tubes, bars or plates	10	**N/A -**

TurboCycler lite gradient thermal cycler

- **96-well gradient block compatible with standard and low profile 0.2 ml PCR tubes and strips, skirted, semi-skirted and unskirted plates**
- **240 x 128 pixel monochrome display with intuitive interface**
- **Touch button control**
- **Heated lid (35 °C to 120 °C or inactive)**
- **Maximum heating / cooling rate 3 / 2 °C, adjustable speed (slow or fast)**
- **Temperature accuracy / uniformity of ± 0.3 / 0.5 °C**
- **Temperature gradient on 12 columns for optimization of PCR parameters**



Block temperature range	4 to 99.9 °C
Gradient range	1 to 24 °C
Gradient Temperature range	30 to 99 °C
Lid temperature	35 °C to 120 °C or inactive
Block Homogeneity	± 0.5 °C
Block temperature Accuracy	± 0.3 °C
Max. heating rate	3 °C
Max. cooling rate	2 °C
Recordable programmes	200
Dim. W x D x H (mm)	245 x 415 x 225
Weight (kg)	9
Power supply	100 - 240 V, 50/60 Hz
Max. power consumption	500 W
Cat. No.	**255201**
€	**N/A -**

Accessoire

Cat. No.	Description	Units/ box	€/ box
255204	Compression mat for use with low profile tubes, bars or plates	10	**N/A -**

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Axygen MaxyGene II Thermal cycler



The MaxyGene II is a thermal cycler with a 96-well block consisting of 6 independent Peltier elements.
Up to 6 different annealing temperatures can be programmed to optimise PCR conditions.

- **Ramps: heating +5 °C/sec, cooling -3.5 °C/sec**
- **Touchdown programming possible (time and/or temperature increment/decrement)**
- **Heated lid with programmable temperature**
- **Consumable: 1 x 96-well plate 0.2 ml, 12 x 8-tube strips 0.2 ml and 96 x PCR tubes 0.2 ml**
- **Connectivity: USB and RS232 ports**
- **For standard PCR application**
- **Warranty: 3 years**

Dimensions L x D x H (mm)	24 x 43 x 25
Weight (kg)	9
Cat. No.	**935649**
€	**N/A -**

Gene Q TC 24 Bioer Thermal Cycler



- **Compact**
- **Adjustable heated lid**
- **Display of graphics, 100 storable programs**

Model	GeneQ TC 24
Block material	Aluminium
Sample capacity	1 x 24-well microplat or 24 x 0.2 ml tubes (or 3 strips of 8)
Heating rate	5 °C/sec
Cooling	4 °C/sec
Temp. range	4 - 99.9 °C
Temp. uniformity	± 0.2 °C
Temp. accuracy	± 0.2 °C
Lid	30 - 110 °C
Gradients	-
Number of programmes	100
Display	LCD screen
Dimensions (W x D x H)	297 x 212 x 200 mm
Weight	3.2 kg
Power	200 W
Excl. VAT	**865004**
€	**N/A -**

LifeEco Bioer Gradient Thermocycler



- **With 5.7" touch screen**
- **Small footprint**
- **Heated lid with adjustable height**
- **Interface for USB connection**
- **Network function: one computer can control several LifeEco thermal cyclers**
- **250 program memory, expandable via USB port**

Block material	Aluminium alloy
Sample capacity	1 x 96-well skirted microplate or 96 x 0.2 ml microtubes (or 12 strips of 8)
Temperature range of the block	4 °C - 105 °C
Heating or cooling rate	4 °C / sec
Temperature uniformity	± 0.3 °C
Temperature accuracy	± 0.1 °C , ± 0.2 °C to 90 °C
Temperature control mode	Block or tube
Temperature range of the gradient	30 - 110 °C
Gradients	1 - 30 °C
Gradient block	On 12 columns
Number of programmes	250 (expandable via USB port)
Display	LCD touch screen
W x D x H (mm) / Weight (kg)	335 x 260 x 270 / 10
Power (W)	600
Cat. No.	**865031**
€	**N/A -**

GeneMax Bioer thermal cycler

- **Touchscreen: 26.4 cm**
- **Very uniform temperature without edge effect**
- **Adjustable heated lid**
- **Multiple units can be controlled via PC**
- **Control possible via Bluetooth**
- **Nickel-plated copper block**
- **For 96-well skirted plate or 96 x 0.2 ml microtubes or 12 strips of 8 tubes**



Capacity	96-well skirted plates
	96 x 0.2 ml Tubes
	12 x 8-tube strip
Temperature range (°C)	4.0 to 105
Heating rate (°C)	Up to 5 °C/sec
Cooling rate (°C)	Up to 4 °C/sec
T °C Uniformity	≤± 0.2 °C
T °C Accuracy	≤± 0.1 °C (at 55 °C) ≤± 0.15 °C (at 72 °C and at 95 °C)
Temperature control	Block or tube
Heating/cooling rate control	0.1 to 4 °C
Memory	≥ 250 programs (internal memory) or limited to the USB stick capacity
Maximum number of cycles	99
Change in elongation time with each cycle	0 to 9 min 59 sec
Change in elongation temperature with each cycle	0.1 to 9.9 °C
Gradient function	Yes
Minimum/maximum gradient per line	0.1 to 6 °C
Lid temperature (°C)	30 - 110
Lid height	Automatic adjustment
Communication interface	RS232, LAN, Bluetooth
Power supply	100-240V 50-60Hz, 600W
Dimensions L x W x H(mm)	457 x 316 x 309
Weight (kg)	14
Cat. No.	**865070**
€	**N/A -**

LifeTouch and GeneTouch Bioer Thermal cyclers

- **With touch screen**
- **Heated lid with adjustable height**
- **Aluminium alloy block with excellent conductivity**
- **Interface for USB connection**



865018

2 models:
- 865018: for 96-well plates or strips, supplied with block
- 865019: supplied without block, to be completed with 5 blocks, for 96 or 384 well PCR microplate,for in situ hybridization, for 48 tubes

Cat. No.	Description	€
865018	LifeTouch thermal cycler with 96-well block	**N/A -**
865019	Thermocycler Genetouch without block	**N/A -**
865020	Block for Genetouch Bi-Bloc for 48 x 0.2 ml microtubes	**N/A -**
865021	Block for Genetouch Bi-Bloc for 30 x 0.5 ml microtubes and 48 x 0.2 ml microtubes	**N/A -**
865022	Block for Genetouch for 384 well skirted plate	**N/A -**
865023	Block for Genetouch for 96 x 0.2 ml in gradient	**N/A -**
865024	Block for Genetouch for in situ hybridization	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Mini thermal cycler



- Compact and easy to use
- Touch screen, also works with gloves
- Block for 4 strips of 8 tubes or for 32 individual tubes
- Adjustable and deactivatable lid heating

Capacity	32 x 0.2 ml tubes
Temperature range	0 °C - 99.9 °C
Accuracy / Homogeneity	± 0.25 °C / ± 0.25 °C
Heating rate	5 °C / s
Cooling rate	4 °C / s
Temperature range of the lid	30 °C - 112 °C
Number of programmes	100
Voltage	100 - 240 V, 50 - 60 Hz
Dimensions L x D x H (mm)	182 x 232 x 157
Weight (kg)	2.9
Cat. No.	**062757**
€	**N/A -**

TC9639 Gradient Thermal Cyclers



- 17.8 cm diagonal colour LCD touch screen, usable with gloves
- The 96-well version has a multi-format block, suitable for unskirted 96-well plates, as well as 0.2 ml tube strips and 0.2 and 0.5 ml tubes
- Intuitive programming, parameterisation of the steps with graphic display
- Heated lid with adjustable height and temperature
- Programme protection by access code
- Aluminium block
- Temperature gradient from 1 to 30 °C
- 100 program memory, expandable via USB port

Model	Multi-format 96 wells	384 wells
Capacity	96-well non skirted plates; 96 x 0.2 ml tubes 8 strips of 12 tubes 0.2 ml and 39 x 0.5 ml tubes	384-well plates (non skirted)
Temperature range (°C)	0 to 100	
Heating rate (°C)	Up to 5 °C/second	
Cooling rate (°C)	Up to 4 °C/second	
T °C Uniformity	± 0.2	
T °C Accuracy	± 0.2 °C	
T °C control	Block or tube*	
Gradient T° range	30 - 105 °C	
Gradient T° differential	1 - 30 °C	
Setting of the heating cover T°	30 - 112 °C	
Communication interface	USB, LAN and RS232	
Power supply	75 to 275 V, 50-60 Hz	
Dimensions L x D x H (mm)	26 x 36 x 25	
Weight (kg)	7.3	
Cat. No.	**062817**	**062818**
€	**N/A -**	**N/A -**

* simulation of the temperature inside the tube.

MiniTurbo thermal cycler



- Applications: PCR, RT-PCR and incubation
- Very compact device
- Block for 8 conventional 0.2 ml PCR tubes (2 x 4)
- Heated lid, fixed temperature of 105 °C (preheats to 60 °C)
- Programming on USB stick via PC (software included)

Number of cycles	Unlimited
Number of steps	Unlimited
Temperature range	25 - 99 °C
Heating rate	5.5 °C
Cooling rate	4 °C
Accuracy / homogeneity	± 0.4 °C
Power supply, power	100 - 240 V, 50/60 Hz, 120W
Ext. Dimensions W x D x H (mm)	136 x 102 x 104
Weight (kg)	1
Cat. No.	**255209**
€	**N/A -**

AlphaCycler Thermal Cyclers

1, 2 or 4 block PCR units. Compact.

- **ASC system - Active sample cooling for more specific amplifications**
- **Program wizard: generate a quick and easy protocol based on sequence, matrix origin and amplicon size**
- **Gradient: on all instruments, on all blocks, allows to target the right hybridization temperature**
- **96/384 wells: flexibility of flow rate for different applications**
- **USB: connectivity for transferring protocols between machines**
- **Android control, 7" (AC1) or 10" (AC2, AC4) screen: simple and intuitive use**





Model	1 block (AC1)	2 blocks (AC2)	4 blocks (AC4)
Format	1 block	2 blocks	4 blocks
Block options	96 or 384 well	96 or 384 or 1 x 96 - 1 x 384	96 or 384 or 3 x 96 - 1 x 384 or 2 x 96 - 2 x 384 or 3 x 96 - 3 x 384
Maximum temperature rise	3.4 °C/sec		
Temperature range	10 °C to 100 °C (4 °C storage temp.)		
Block uniformity at 55 °C	± 0.3 °C		
Temperature accuracy at 55 °C	± 0.25 °C		
Gradient	Yes on all formats		
Max /min gradient Temp.	29 °C / 1 °C		
Number of recordable programmes	1000		
Fan noise emission	50 dB	50 dB (1 block in FCT) 55 dB (2 blocks in FCT)	50 dB (only 1 block in FCT) 55-58 dB (4 blocks in FCT)
Number of peltier/block elements	8		
Heated/adjustable lid temperature	Yes from 35 °C to 115 °C or inactive		
Pressure of the heating cover	Adjustable		
Program interface	7" 1080 pHD	10" 1080 pHD	
Dimensions L x W x H(mm)	430 x 260 x 200	470 x 535 x 330	700 x 535 x 200
Weight (kg)	11.8	30	45
Voltage	110-230 V, 50-60 Hz		

Alpha Cycler 1

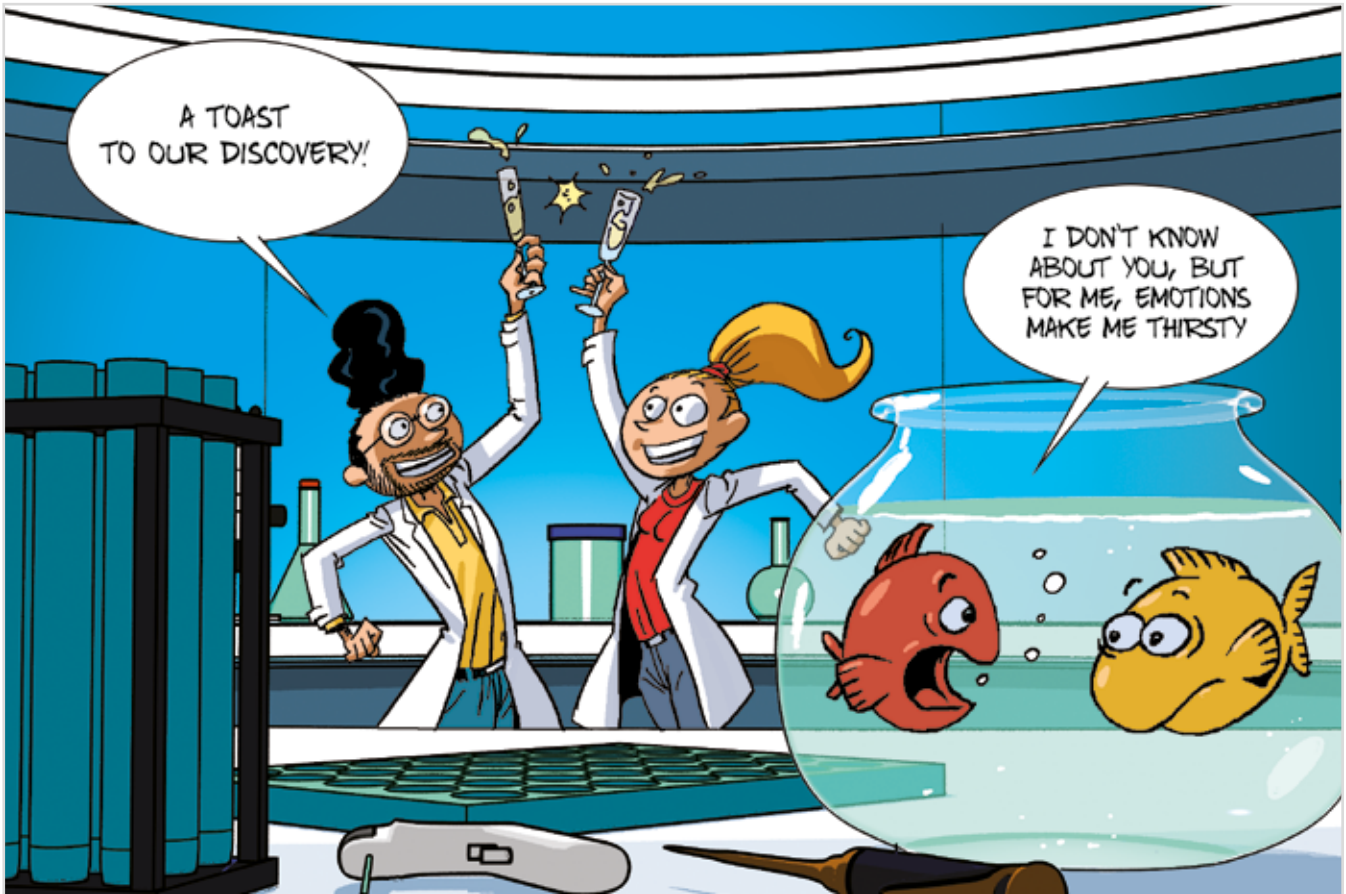
Cat. No.	Number of blocks	€
789980	1 block 96-well	**N/A -**
789981	1 block 384-well	**N/A -**

Alpha Cycler 2

Cat. No.	Number of blocks	€
999610	2 block 96-well	**N/A -**
999611	2 block 384-well	**N/A -**
999612	1x 96-well block and 1 x 384-well block	**N/A -**

Alpha Cycler 4

Cat. No.	Number of blocks	€
789982	4 block 96-well	**N/A -**
789983	4 block 384-well	**N/A -**
789984	1 x 96-well block and 3 x 384-well blocks	**N/A -**
789985	2 x 96-well blocks and 2 x 384-well blocks	**N/A -**
789986	3 x 96-well blocks and 1 x 384-well block	**N/A -**



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Thermal cyclers ³Prime



- **High flexibility, easy programming, small footprint, pre-stored protocols**
- **Fast temperature rise up to 3 °C/sec**
- **Colour touch screen, data logging to PC via front USB port**
- **Cycle gradient available on all 3PrimeG devices or with a simple software update on 3PrimeX devices via USB stick**
- **³PrimeG and ³PrimeX with 4-year warranty and 80 000 cycles or 4 years of block lif**
- **Interchangeable blocks 24 and 48 x 0.2 ml and 18 and 30 x 0.5 ml**
- **Function to calculate the gradient**
- **Possibility of updating the software to access the cycle gradient**

Temperature range / Temperature accuracy at 55 °C	4 °C to 100 °C/ ‹ ±0.25 °C
Block uniformity at 55 °C	‹±0.3 °C
Gradient range	30 °C to 80 °C
Maximum / minimum gradient	29 °C (19 °C for 384 plates) / 1 °C
Temperature setting of the heated cover	100 °C to 115 °C or inactive
Number of recordable programmes	1000
Dimensions (L x W x H)	350 x 210 x 180 mm
Voltage	100-230 V, 50-60 Hz

Blocks - Block changes for 3Prime thermal cyclers should be carried out by a qualified engineer.

Cat. No.	Description	€
798924	Block ³Prime 24 x 0.2 ml	N/A -
798925	Block ³Prime 18 x 0.5 ml	N/A -
798926	Block ³PrimeX 48 x 0.2 ml	N/A -
798927	Block ³PrimeX 30 x 0.5 ml	N/A -

Option

Cat.No.	Description	€
798923	3PrimeX UpGrade service to enable gradient mode	N/A -

Cat. No.	Description	€
798917	Thermal Cycler ³Prime 24 x 0.2 ml	N/A -
798918	Thermal Cycler ³Prime 18 x 0.5 ml	N/A -
798919	Thermal Cycler ³PrimeX 48 x 0.2 ml	N/A -
798920	Thermal Cycler ³PrimeX 30 x 0.5 ml	N/A -
798921	Gradient thermal cycler ³PrimeG 48 x 0.2 ml	N/A -
798922	Gradient thermal cycler ³PrimeG 30 x 0.5 ml	N/A -



Enter the Cat. No. on dulis.nl to display the Techne PRIME thermal cycler selection guide

Mini Pro 300 V and Mini 500 V generators

- At constant voltage or constant current
- Selection in 1 V or 1 mA increments
- LED display
- 2 outputs
- Compact and lightweight
- Timer 1 to 999 minutes or continuous with alarm function
- Polycarbonate case, aluminium base

022099



022237



Model	Mini Pro 300 V generator	Mini 500 V generator
Power	60 W 10-400mA 10-300 V	120 W 10-400mA 10-500 V
Operating temperature	Ambient temperature at + 40 °C	Ambient temperature at + 40 °C
Dimensions (mm)	13x 189 x 85	140 x 191 x 84
Weight	0.9 kg	NC
Minuteur	1 to 999 minutes with alarm	1 to 999 minutes with alarm
Cat. No.	**022099**	**022237**
€	**N/A -**	**N/A -**

MyVolt mini Power supply

Constant voltage (V)	100 or 200
Max. current (mA)	200
Max. power (W)	40
Output Terminals	2
Power supply	230 - 240 V, 50 - 60 Hz
Dim. W x D x H (cm)	16 x 11.5 x 5.7
Weight (g)	400
Cat.No.	**062693**
€	**N/A -**

- Ultra-compact two-output generator
- Basic device for constant voltage application
- 2 constant voltages to choose from, 100 or 200 V



MyVolt touch Power supply

- For agarose or acrylamide gel electrophoresis
- Intuitive programming
- Can be positioned horizontally or vertically
- Touch screen with automatic rotation
- Constant voltage or constant current mode
- Overload, change of load and no load detection
- Stackable unit

Current (mA)	5 to 400
Current increment (mA)	5
Voltage (V)	10 to 300
Voltage increment (V)	5
Max power (W)	80
Timer	1 min to 99 h 59 min
Output Terminals	4
Screen size (mm)	50.8 x 50.8
Power supply	230 V, 50 Hz
Dim. (cm) W x D x H	21.5 x 15.5 x 9.75
Weight (kg)	1.6
Cat.No.	**062694B**
€	**N/A -**





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Apelex electrophoresis generators



2 programmable models
PS 1006 P and PS 9009 TX

The Apelex range of generators covers all applications in electrophoresis.

- **Front panel with touch buttons**
- **Automatic restart in case of power failure**
- **Constant parameter display via LED**
- **Timer for all models except PS 304**
- **For 4 mm diameter plug**

X: recommended o: optional

Model	PS 304 XL	PS 305 XL	PS 503 XL	PS 608	PS 1006	PS 1006 P	PS 9009 TX
Features							
Max. Voltage. (V)	300	300	500	600	1000	1000	3000
Max. current. (mA)	400	500	300	800	600	600	300
Max power (W)	100	100	100	300	300	300	300
Output Terminals	4	4	4	3	3	3	2
Constant voltage and current	x	x	x	x	x	x	x
Constant voltage, current, power						x	x
Timer		x	x	x	x	x	x
Integrator						x	x
Programmable						x	x
Touch buttons	x	x	x	x	x	x	x
Applications							
DNA/RNA agarose electrophoresis	x	x	x	x	o	o	o
RFLP and DNA fragments	x	x	x	x	o	o	o
PCR Screening	x	x	x	x	o	o	o
Nucleic acid sequencing							x
Isoelectric focusing SSCP						x	x
Protein electrophoresis	o	x	x	x	x	x	o
SDS PAGE preparatory gels	o	x	x	x	x	x	o
Semi-dry blotting	o	x	x	o	o	o	
Western Blotting		x		x	o	o	
Cat. No.	**049197B**	**049190B**	**049189B**	**049191**	**049192**	**049195**	**049194**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Consort Electrophoresis generators LCD display



- **LCD display with user assistance in case of error**
- **Automatic restart in case of power failure**
- **9 different programmes with up to 9 steps each**
- **Real-time clock with recording of operating parameters and retrieval via USB interface**

Consort

X: recommended

Model	EV2310	EV2650	EV2320	EV3020	EV3610	EV3150	EV3330	EV3620
Max. voltage (V)	300	600	3000	300	600	1200	3000	6000
Max. current (mA)	1000	500	150	2000	1000	500	300	150
Max. power (W)	150	150	150	300	300	300	300	300
Output Terminals	4							
Timer	0 to 99 hrs 59 min							
For plug diameter (mm)	4	4	4	4	4	4	4	2
Applications								
DNA sequencing							x	x
Flat bed isoelectric focusing						x	x	x
Horizontal Gel	x	x	x	x	x	x	x	
Long vertical gel								x
Vertical gel	x	x	x	x	x	x	x	
Electroelution		x	x		x	x		
Western blotting				x				
Semi-dry blotting				x				
Mini-western blotting	x							
Semi-dry mini blotting	x							
Cat. No.	**324083**	**324084**	**324085**	**324086**	**324087**	**324088**	**324089**	**324093**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessories

Cat. No.	Description	€
324068	Reducer with 4 mm diameter banana plugs for 2 mm outlet	**N/A -**
324069	2 mm banana plug adapter retractable socket for 4 mm outlets	**N/A -**

RunOne electrophoresis system for nucleic acids

For horizontal electrophoresis in mini-gels.
All in one:
- electrophoresis tanks with 6-compartment tray;
- generator with integrated timer;
- accepts 2 types of agarose and polyacrylamide gels simultaneously.

Optional accessories: Multicaster system, pre-cast gels.

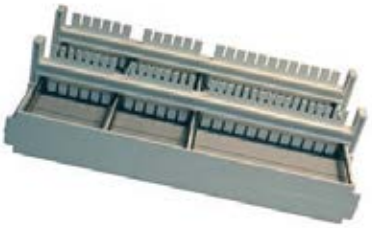
The system with timer comes complete with generator and 220V transformer, a pouring tray with 6 compartments, 6 trays for agarose gels (4 minigels, 2 maxigels) with lid and 2 combs. Trays for polyacrylamide gels (4 minigels, 2 maxigels) are ordered separately.

- **The tray has 6 moulded compartments, into which 1 to 6 gels can be poured**
- **Gel sizes: minigel (5.2 x 5.9 cm) and standard (10.7 x 5.9 cm)**
- **Capacity: 4 minigels and 2 standard gels**
- **Watertight, without joints or adhesives**
- **Generator with integrated timer**
- **Removable generator with 3 voltage selections: 25 V, 50 V or 100 V**
- **Buffer volume required: 350 ml for 2 minigels or 1 standard gel**
- **Maximum number of samples: 17 to 96 depending on the tray**

Cat. No.	Description	€
038401	Complete RunOne system	N/A -





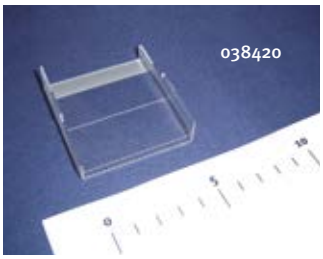


An economical and ready-to-use solution: choose the RunOne + Multicaster chamber kit (the Cat. No. appear in the Multicaster table)

Accessories for the RunOne tank

UV-transparent tray (different sizes depending on the application).

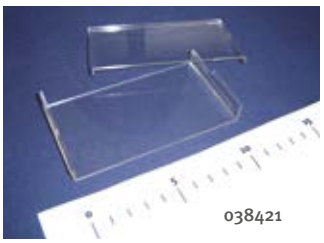
Cat. No.	Tray for	Dim. W x H (cm)	€ 4 units
038420	Mini agarose gel	5.4 x 5.9	N/A -
038421	Acrylamide gel (landscape) with cover	11 x 6	N/A -
038422	Mini acrylamide gel with cover	5.7 x 5.9	N/A -



Red tray for visualization of deposition wells

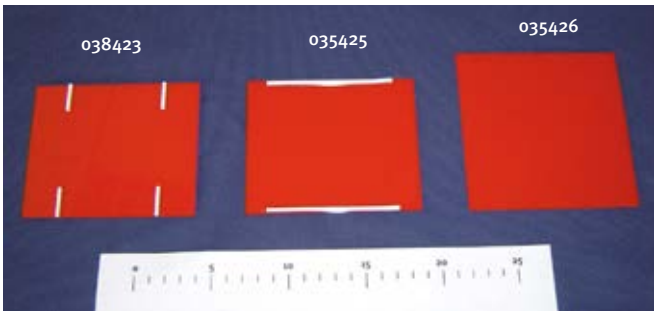
Specially designed to facilitate loading into the RunOne tank (red, placed under the gel and allows for a contrast between the agarose and the wells).

Cat. No.	For agarose gel size	Dim. W x H (cm)	€ the tray
038423	Portrait 6 x 9.5 cm	11.5 x 9.5	N/A -
035425	Medium 11.5 x 8.9 cm	11.5 x 9.5	N/A -
035426	Long 11.5 x 11.9 cm	11.5 x 11.5	N/A -









Pouring system

Cat. No.	Description	€
039030	Casting system	N/A -

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Multicaster



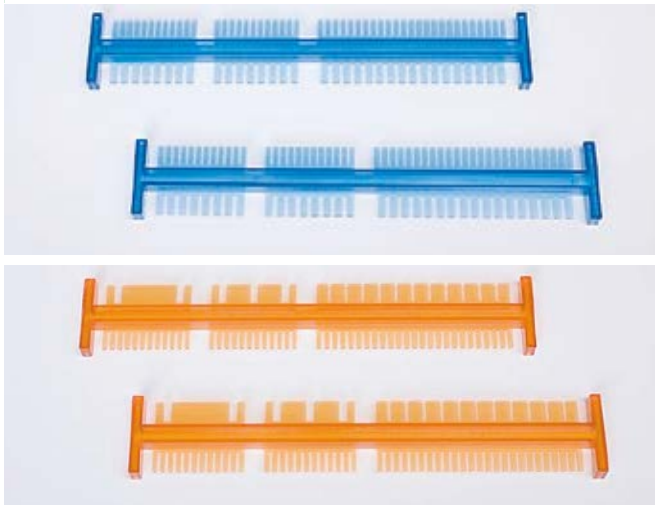
RunOne gel casting accessories for high density screening (96 well agarose gels). The Multicaster system consists of a tray with notches and combs designed for casting agarose gels in a few minutes without seals or adhesives. The trays are UV transparent. 4 models available.

Multicaster

Type	8 rows	12 rows	Preparatory gels	HLA Multicasting
L x W (mm)	116 x 118	116 x 118	116 x 118	116 x 89
Possible deposit lines	8 x (12 + 1) / 4 x (24 + 1)	12 x (8 + 1) / 6 x (16 + 2)	2	8
Recommended pipette	Single channel / 12-channel	8-channel	Single channel	Single channel / 12-channel
Deposit volume (µl)	30 – 35 / 10 – 15	30 – 35 / 10 – 15	2 x 250 + marker/ 3 x 75 and 2 x 115	30 – 35 / 10 – 15
Number of notches for combs	8	12	2	8
Number of combs included (1 mm thick)	4	6	2	8
Reversible double comb types included	12 + 1 / 24 + 1	8 + 1 / 16 + 1	2 / 5 + markers	12+1 / 24+1
Maximum number of deposits	192 / markers	192 / markers	2 / 5 + markers	192 / markers
Colour code	Turquoise	Blue	Orange	Yellow
Cat. No. complete unit	**038415**	**038416**	**038417**	**039080* / 038418****
€	**N/A -**	**N/A -**	**N/A -**	**N/A - / N/A -**
Cat. No. Multicaster + RunOne Kit	**035459**	**035460**	**035461**	**035462B*****
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No. replacement tray	**035468**	**035468**	**035469**	**035469**
€. 2 units	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No. comb	**038449**	**039033**	**039070**	**039071**
€. 2 units	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* Supplied with 2 combs ** Supplied with 8 combs *** Supplied with the RunOne 6-compartment casting system and a red viewing plate

Reversible combs for RunOne



T-Blue comb:
To be used when preparing three gels, one in the large bowl, and the other two in the small ones.

Reversible:
- one side 1.5 mm thick: 25/12/12 teeth;
- one side 1 mm thick: 17/8/8 teeth

T-Amber Comb:
Preparation. Reversible:
- one side 1 mm thick 25/12/12 wells;
- one side 1 mm thick, 10+2 wells, 2+2 preparatory wells, 1+2 preparatory wells.

Cat. No.	Description	€
039075	T-Blue Reversible comb (2 units)	N/A -
039076	T-Ambre Reversible comb (2 units)	N/A -
039077	T-Bleu + T-Ambre Reversible comb	N/A -



Find RunOne compatible pre-cast gels on www.dulis.nl

MUPID-ONE electrophoresis chamber

Tank

- Can be used with multichannel pipettes: 9 mm interwell distance for 13 deposits or 4.5 mm for 26 deposits
- The material used for the tank allows direct observation of the samples under UV: transmission of 50% at 254 nm and 80% at 312 nm
- L x H x W: 183 x 59 x 162 mm
- Buffer volume: 300 - 330 ml

Trays

- 12 cm long tray, supplied as standard with two trays of 6 cm migration length
- Large model dimensions: 130 x 24 x 122 mm
- Small model dimensions: 130 x 16.5 x 59.5 mm

Generators

- Voltage: 100 to 240 V AC, internationally compatible, 50-60 Hz / Output voltage: 135, 100, 50 or 25 V
- Security detector: Photosensor that detects the presence of the cover
- Timer: programmable from 0 to 99 min or continuous operation
- Memory function: the last migration is stored in time and voltage
- Weight: 410 g
- Dimensions: 75 x 62 x 170 mm

Chamber supplied complete with tank, lid, generator, 4 combs, 2 small trays, 1 large tray, and 1 gel maker With on/off switch at the back of the unit.



Cat. No.	Description	€
088900	MUPID-ONE ank and generator 230 V (delivered complete with lid, trays, combs, and gel maker)	N/A -

Accessories

Cat. No.	Description	€
088902	Tank for MUPID-ONE	N/A -
088903	Transparent lid for MUPID-ONE (183 x 59 x 162 mm)	N/A -
523271	Generator for MUPID-ONE	N/A -
088990	Gel preparation kit (2 small trays, 1 large tray, 4 combs, a gel maker)	N/A -
088991	Large tray for MUPID-ONE (2 units)	N/A -
088992	Small tray for MUPID-ONE (4 units)	N/A -
088993	Gel maker for MUPID-ONE	N/A -
088994	Comb for MUPID-ONE 13 or 26 wells (2 units)	N/A -

MUPID Special LED transilluminator

- Transilluminator lid, placed on the MUPID tank during migration, compatible with most dyes for nucleic acids
- For DNA visualisation during electrophoresis in real time migration, no DNA degradation
- High sensitivity: 2 ng
- Anti-fogging filter design
- Amber filter, blue light 470 nm
- Dimensions: 166 x 170 x 51 mm / window size: 150 x 60 mm
- Compatible with the Mupid systems
- Weight: 0.96 kg
- DC 24 V/1.25 A

Cat. No.	Description	€
523265	Transilluminator for Mupid	N/A -



ES-mini electrophoresis system

Complete electrophoresis system for easy and fast horizontal electrophoresis.

- Supplied complete with:
  - a tank with a safety lid
  - un generator
  - 2 gel casting kits / migration trays for standard gel (10.5 x 6 cm)
  - 4 gel casting kits / migration trays for minigel (5 x 6 cm)
  - 1 reversible comb 22 or 12 teeth, thickness 1 mm
  - 1 reversible comb 18 or 12 teeth, thickness 1 mm

Voltage (V)	35, 50 or 100
Timer (min)	1 to 99 or continuous
Buffer volume (ml)	250-300
Gel size (cm)	5 x 6 or 10.5 x 6
Internal tank dimensions (mm)	120 x 110 x 45
System dimensions (mm)	190 x 130 x 55
Weight (kg)	0.45
Cat. No.	**531600**
€	**N/A -**







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Enduro Gel XL electrophoresis system



Includes all components necessary to cast and run horizontal gels.

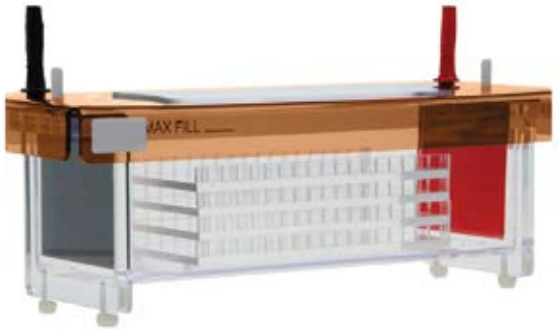
- **Pressing the eject button separates the gel box and power supply**
- **Plastic Cassette protects electrodes from damage**
- **A magnetic sensor allows current to flow to the electrodes only when the lid is in place**
- **Clear lid to aid visualizing the gel while running**

Composition	Enduro Gel XL System	Micro casting kit	Standard casting kit
Electrophoresis tank	1	-	-
Detachable generator	1	-	-
Gel plates	1 large 12.5 x 12 cm 2 small 12.5 x 6 cm	4 micro 6 x 6 cm	1 large 12.5 x 12 cm 2 small 12.5 x 6 cm
Reversible comb	2 large (14 or 28 teeth)	1 small (5 or 8 teeth)	2 large (14 or 28 teeth)
Preparation rack	1	-	1
Cat.No.	**096644**	**096645**	**096665**
€	**N/A -**	**N/A -**	**N/A -**

Accessories

Cat.No.	Description	€
096659	Large gel trays 12.5 x 12 cm (2 units)	**N/A -**
096660	Small gel trays 12.5 x 6 cm (2 units)	**N/A -**
096661	Micro gel trays 6 x 6 cm (4 units)	**N/A -**
096662	Reversible large combs, 14 or 28 teeth (2 units)	**N/A -**
096663	Small reversible combs, 5 or 8 teeth (2 units)	**N/A -**
096664	Universal preparation rack	**N/A -**

Clarit-e MultiSUB4 electrophoresis tank



- **For the migration of 4 superimposed gels**
- **Up to 1200 samples per migration (1 cm migration per sample, 4 gels stacked)**
- **Comb compatible with multichannel pipettes**
- **Compact system**
- **Tank supplied with 4 trays 8 x 18 cm and 8 combs 1.5 mm thick, 8/18 wells and an external casting tank for 4 gels**

Gel size (cm)*	8 x 6, 8 x 12, 8 x 18
Buffer volume (ml)	200 ml per gel
Tank dimensions (cm)	28 x 9 x 9
8 double combs supplied	8/18 wells, thickness 1.5 mm
Cat. No.	**992088**
€	**N/A -**

* depending on the tray used, see optional accessories.

HPE™ BlueHorizon™Horizontal electrophoresis system



- **Tankless system: pads contained in soaked wicks**
- **Ceramic support can be connected to a cooling unit: rapid migration and obtaining clean strips or spots**
- **Gel size: 260 x 205 mm**
- **Gel protected from light and dust during migration**
- **Supplied with a cover including a pair of platinum electrodes**
- **Compatible with pre-filled gels (available on request)**

Applications

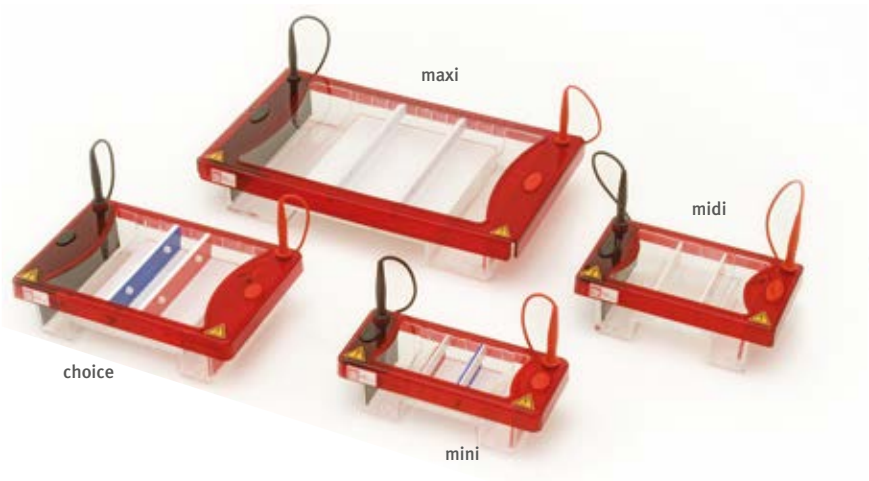
- **Separation of proteins on SDS-PAGE, 2D gel, by electrofocusing (IEF) or nucleic acids in polyacrylamide gels**

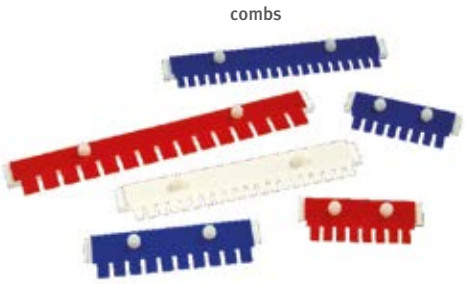
Cat. No.	Description	€
115797	Complete HPE™ BlueHorizon™ system (generator + electrophoresis chamber + cooling unit)	**N/A -**
115767	HPE™ BlueHorizon™ electrophoresis chamber	**N/A -**
115810	BlueHorizon™ double drawerelectrophoresis system	**N/A -**
115795	HPE™ BlueHorizon™ cooling unit	**N/A -**

MultiSUB horizontal electrophoresis tanks

Versatile agarose gel electrophoresis solution for RNA and DNA

- **Available in 5 sizes**
- **Durable, leak-proof injection moulded design**
- **Easy-to-replace cassette electrodes**
- **Multiple trays for each tank size**
- **Easy click lid removal, with automatic power disconnection at opening**
- **Numerous combs slots**
- **Four combs thickness, colour coded**
- **MC" combs for use with multichannel pipettes**
- **Non-MC" combs not compatible with multichannel pipettes**
- **All combs have a load guide on the opposite edge**





MultiSUB mini tank

Model	MultiSUB mini 7	MultiSUB mini 10	MultiSUB mini DUO
System size (L x W x H)	21 x 9 x 9 cm		
Circulation Capacity	225 ml		
Maximum electrical power	10 W		
Distance between electrodes	155 cm		
Composition of the set	Electrophoresis tank, safety cover, casting trays, combs, load guides, casting dam		
Size of gels with trays supplied (cm)	7 x 7	7 x 10	7 x 7 / 7 x 10
Comb slots	2	4	2 / 4
Max. sample capacity	32	64	32 / 64
Combs supplied	2 combs 8 teeth 1 mm		
Cat. No.	**263130**	**263131**	**263132**
€	**N/A -**	**N/A -**	**N/A -**

Combs for MultiSUB mini

Cat.No.	Number of teeth	Thickness (mm)	Compatibility with multi-channel pipettes	Recommended volume loading for 5 mm gels (µl)	€
263133	8	0.75	MC	8	**N/A -**
263134	12	0.75	Non MC	12	**N/A -**
263135	8	1	MC	11	**N/A -**
263136	12	1	Non MC	14	**N/A -**
263137	8	1.5	MC	17	**N/A -**
263138	12	1.5	Non MC	20	**N/A -**
263139	8	2	MC	23	**N/A -**
263140	12	2	Non MC	27	**N/A -**

MultiSUB midi tank

Model	MultiSUB midi 7	MultiSUB midi 10	MultiSUB midi DUO
System size (L x W x H)	22 x 12.5 x 9 cm		
Circulation Capacity	300 ml		
Maximum electrical power	20 W		
Distance between electrodes	150 cm		
Composition of the set	Electrophoresis tank, safety cover, casting trays, combs, load guides, casting dam		
Size of gels with trays supplied (cm)	10 x 7	10 x 10	10 x 7 / 10 x 10
Comb slots	2	4	2 / 4
Max. sample capacity	50	100	50 / 100
Combs supplied	2 combs 16 teeth 1 mm		
Cat. No.	**263141**	**263142**	**263143**
€	**N/A -**	**N/A -**	**N/A -**

Combs for MultiSUB midi

Cat.No.	Number of teeth	Thickness (mm)	Compatibility with multi-channel pipettes	Recommended volume loading for 5 mm gels (µl)	€
263144	10	0.75	MC	30	**N/A -**
263145	20	0.75	Non MC	10	**N/A -**
263146	10	1	MC	27	**N/A -**
263147	20	1	Non MC	14	**N/A -**
263148	10	1.5	MC	41	**N/A -**
263149	20	1.5	Non MC	20	**N/A -**
263150	10	2	MC	54	**N/A -**

MultiSUB maxi tank

Model	MultiSUB maxi 10	MultiSUB maxi 15	MultiSUB maxi 20	MultiSUB maxi 25	MultiSUB maxi DUO
System size (L x W x H)	39.5 x 23 x 9 cm				
Circulation Capacity	1200 ml				
Maximum electrical power	50 W				
Distance between electrodes	315 cm				
Composition of the set	Electrophoresis tank, safety cover, casting trays, combs, load guides, casting dam				
Gel size with trays supplied (cm)	20 x 10	20 x 15	20 x 20	20 x 25	20 x 10 / 20 x 20
Comb slots	4	7	9	11	4 / 9
Max. sample capacity	200	350	450	550	200 / 450
Combs supplied	2 combs 20 teeth 1 mm				
Cat. No.	**263182**	**263181**	**263180**	**263265**	**263183**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

MC combs for MultiSUB maxi

Cat. No.	Number of teeth	Thickness (mm)	Recommended volume loading for 5 mm gels (µl)	€
263184	20	0.75	20	**N/A -**
263185	40	0.75	8	**N/A -**
263186	20	1	27	**N/A -**
263187	40	1	11	**N/A -**
263188	20	1.5	41	**N/A -**
263189	40	1.5	17	**N/A -**
263190	20	2	54	**N/A -**
263191	40	2	23	**N/A -**

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MultiSUB choice tank

Model	MultiSUB choice 7	MultiSUB choice 10	MultiSUB choice 15	MultiSUB choice TRIO
System size (L x W x H)	26.5 x 17.5 x 9 cm			
Circulation Capacity	500 ml			
Maximum electrical power	40 W			
Distance between electrodes	197 cm			
Composition of the set	Electrophoresis tank, safety cover, casting trays, combs, load guides, casting dam			
Gel size with trays supplied	15 x 7	15 x 10	15 x 15	15 x 7 / 15 x 10 / 15 x 15
Comb slots	2	4	6	2 / 4 / 6
Max. sample capacity	70	140	210	70 / 140 / 210
Combs supplied	2 combs 20 teeth 1 mm			
Cat. No.	**263152**	**263153**	**263154**	**263155**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

MC combs for MultiSUB choice

Cat.No.	Number of teeth	Thickness (mm)	Recommended volume loading for 5 mm gels (µl)	€
263156	10	0.75	22	**N/A -**
263157	14	0.75	22	**N/A -**
263158	16	0.75	-	**N/A -**
263159	18	0.75	8	**N/A -**
263160	28	0.75	8	**N/A -**
263161	30	1	9	**N/A -**
263162	10	1	29	**N/A -**
263163	14	1	29	**N/A -**
263164	16	1	-	**N/A -**
263165	18	1	11	**N/A -**
263166	28	1	11	**N/A -**
263167	30	1	13	**N/A -**

Cat.No.	Number of teeth	Thickness (mm)	Recommended volume loading for 5 mm gels (µl)	€
263168	10	1.5	44	**N/A -**
263169	14	1.5	44	**N/A -**
263170	16	1.5	-	**N/A -**
263171	18	1.5	17	**N/A -**
263172	28	1.5	17	**N/A -**
263173	30	1.5	19	**N/A -**
263174	10	2	59	**N/A -**
263175	14	2	59	**N/A -**
263176	16	2	-	**N/A -**
263177	18	2	23	**N/A -**
263178	28	2	23	**N/A -**
263179	30	2	25	**N/A -**

MultiSUB screen tank

Model	MultiSUB screen 32	MultiSUB screen 24	MultiSUB screen 16	MultiSUB screen TRIO
System size (L x W x H)	50 x 28 x 9 cm			
Circulation Capacity	1400 ml			
Maximum electrical power	70 W			
Distance between electrodes	458 cm			
Composition of the set	"Electrophoresis tank, safety cover, casting trays, combs, load guides, casting dam"			
Gel size with trays supplied	26 x 32	26 x 24	26 x 16	26 x 32 26 x 24 26 x 16
Comb slots	12	9	6	12 / 9 / 6
Max. sample capacity	672	504	336	672 / 504 / 336
Combs supplied	6 MC combs 28 teeth 1 mm			
Cat. No.	**263192**	**263193**	**263194**	**263195**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

MC combs for MultiSUB screen

Cat. No.	Number of teeth	Thickness (mm)	Recommended volume loading for 5 mm gels (µl)	€
263196	28	0.75	25	**N/A -**
263197	56	0.75	10	**N/A -**
263198	28	1	34	**N/A -**
263199	56	1	14	**N/A -**
263200	28	1.5	51	**N/A -**
263201	56	1.5	20	**N/A -**
263202	28	2	68	**N/A -**
263203	56	2	27	**N/A -**



Accessories

Cat. No.	Description	€
263204	Buffer saver blocks for MultiSUB mini x2	**N/A -**
263205	Buffer saver blocks for MultiSUB midi x2	**N/A -**
263206	Buffer saver blocks for MultiSUB choice x2	**N/A -**
263207	Buffer saver blocks for MultiSUB maxi x2	**N/A -**
263209	Flexicaster for MultiSUB mini or midi	**N/A -**
263210	Flexicaster for MultiSUB choice or maxi	**N/A -**
263211	Flexicaster for MultiSUB screen	**N/A -**
263212	Viewing platform for MultiSUB mini	**N/A -**
263213	Viewing platform for MultiSUB midi	**N/A -**
263214	Viewing platform for MultiSUB choice	**N/A -**
263215	Viewing platform for MultiSUB maxi	**N/A -**
263216	Viewing platform for MultiSUB screen	**N/A -**
263217	Transfer scoop for MultiSUB mini	**N/A -**
263218	Transfer scoop for MultiSUB midi	**N/A -**
263219	Transfer scoop for MultiSUB choice	**N/A -**
263220	Transfer scoop for MultiSUB maxi	**N/A -**
263221	Transfer scoop for MultiSUB screen	**N/A -**



263209



263204



263217

Mini Major horizontal electrophoresis tank

- **Compact size**
- **One-piece moulded polycarbonate tank**
- **For gel size 52 x 60mm or 107 x 60mm**
- **The tank can withstand temperatures of up to 130 °C**
- **Maximum gel thickness: 10 mm**
- **Maximum number of samples: 25**
- **Tank dimensions: 140 x 140 x 53 mm**
- **Buffer volume: 200 ml**
- **Safety cover with vents**
- **Tray with black strip for well location and a migration ladder**
- **Compatible with multi-channel pipettes**
- **The transparent version of the tank is compatible with the MBE-300 transilluminator, Cat. No. 022321, for monitoring migration and visualizing the strips in the tank**

The tank is supplied with:
- tank and lid;
- 2 gel makers;
- 2 trays 107 x 60 mm;
- 4 trays 52 x 60 mm;
- 2 double sized combs: 8/8/17 and 12/12/25 teeth; 6/6/12 and Mark1/Prep1/23 teeth
- power leads.

Cat. No.	Description	€
022338	Mini horizontal tank, transparent MJ-105-A	N/A -

Accessories

Cat. No.	Description	€
022011	Tray 107 x 60 mm	N/A -
022015	Spare power cords red and black	N/A -
022016	Complete* gel preparation system	N/A -
022017	Gel maker for Mini tank large	N/A -

* kit including 2 gel makers for mini tank (ref. 022008), 4 trays 52 x 60 mm (ref. 022009), 2 trays 107 x 60 mm (ref. 022011) and 2 analytical combs (022012 and 022014)

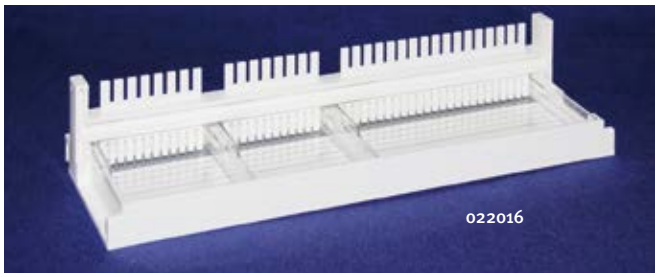


Combs

* Sample volume for a 5 mm thick gel.

Comb	022014	022012
Teeth thickness (mm)	1	1
Tooth width (mm)	6	4
Sample volume (µl)*	30	20

Cat. No.	Description	€
022012	Double analytical comb (8/8/17 and 12/12/25 teeth)	N/A -
022014	Double analytical comb (6/6/12 and Mark1/Prep2/23 teeth)	N/A -



Mini large Major Horizontal electrophoresis tank

- **Compact size**
- **One-piece moulded polycarbonate tank**
- **For gel sizes: 105 x 83 mm or 50 x 83 mm**
- **The tank can withstand temperatures of up to 130 °C**
- **Maximum gel thickness: 10 mm**
- **Maximum number of samples: 25**
- **Tank dimensions: 136 x 188 x 58 mm**
- **Buffer volume: 400 ml**
- **Safety cover with vents**
- **Tray with black strip for well location and a migration ladder**
- **Compatible with multi-channel pipettes**

The tank is supplied with:
- tank and lid;
- 1 gel maker;
- 1 tray 105 x 83 mm;
- 2 trays 50 x 83 mm;
- 2 double sized combs: 8/8/17 and 12/12/25 teeth; 6/6/12 and Mark1/Prep1/23 teeth;
- power leads.

Cat. No.	Description	€
022007	Mini large horizontal tank, natural MT-108	N/A -

Accessories

Cat. No.	Description	€
022015	Spare power cords red and black	N/A -
022100	Complete* gel preparation system	N/A -
022017	Gel maker for Mini tank large	N/A -
022018	Tray 105 x 83 mm	N/A -
022019	Tray 50 x 83 mm	N/A -

*Kit includes one gel maker for Mini large tank (Cat. No. 022017), 1 tray 105 x 83 mm (Cat. No. 022018), 2 trays 50 x 83 mm (Cat. No. 022019), 2 analytical combs (022012 and 022014)



Combs

*Sample volume for a 5 mm thick gel.

Comb	022014	022012
Teeth thickness (mm)	1	1
Tooth width (mm)	6	4
Sample volume (µl)*	30	20

Cat. No.	Description	€
022012	Double analytical comb (8/8/17 and 12/12/25 teeth)	N/A -
022014	Double analytical comb (6/6/12 and Mark1/Prep2/23 teeth)	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hoefer horizontal gel tanks

WEB

Find all compatible combs and accessories on www.dulis.nl



HE33 mini horizontal
7 x 10 cm

Passively cooled by placing the base filled with PEG 50% in the freezer until use.



HE99X max horizontal
15 x 20, 15 x 15, 15 x 10 cm

For a DNA fragment resolution of 100 bp at 20 Kbp.
3 different lengths.



SUB6 mini submarine
6 x 7.5 cm

Ideal for routine preparation.
Removable preparation tray.
For the preparation of gels in the electrophoresis tank.



SUB10 mini plus submarine
10 x 11.5 cm

For the migration of 80 samples in HTS.
Prep tray idem SUB6.

	HE33 mini horizontal 7 x 10 cm	HE99X max horizontal 15 x 20, 15 x 15, 15 x 10 cm	SUB6 mini submarine 6 x 7.5 cm	SUB10 mini plus submarine 10 x 11.5 cm
Gel dimensions	7 x 10 cm	15 x 20, 15 x 15 ou 15 x 10 cm	6 x 7.5 cm	10 x 11.5 cm
Max. Volume	250 ml	1.2 l	325 ml	450 ml
Power supply	500 V, 500 mA, 15 W	200 V, 100 mA, 20 W	300 V, 200 mA, 60 W	300 V, 200 mA, 60 W
Maximum sample capacity	32	60	32	80
Maximum temperature	50 °C	45 °C	45 °C	45 °C
Indoor use	4 - 40 °C	4 - 40 °C	4 - 40 °C	4 - 40 °C
Humidity	More than 80%	More than 80%	More than 80%	More than 80%
Dimensions (L x H x D)	24 x 7 x 13 cm	36 x 14 x 18.2 cm	13 x 24 x 6.5 cm	16.5 x 23 x 6.5 cm
Safety certificate	EN61010-1, UL61010A-1, CSA C22. 1010.1 CE	EN61010-1, UL61010A-1, CSA C22. 1010.1 CE	EN61010-1, CE	EN61010-1, CE
Features	UV transparent tray		Colour-coded combs with adjustable height UV transparent tray Carrying handles	Colour-coded combs with adjustable height UV transparent migration tray
Complete unit	- Electrophoresis chamber - Safety cover with high voltage leads - Migration tray - Preparation tray - 4 foam seals - Spirit level - 8-well combs, thickness 1.5 mm - Adjustable counter comb	- Electrophoresis chamber - Safety cover with high voltage leads - Migration tray 15 x 20 cm - Preparation tray 15 x 20 cm - 4 foam seals - Spirit level - 15-well combs, thickness 1.5 mm - Adjustable counter comb	- Electrophoresis chamber - Safety cover with high voltage leads - Migration tray with with silicone seals - 2 combs 8 wells, thickness 1 mm - Coloured charging tabs	- Electrophoresis chamber - Safety cover with high voltage leads - Migration tray with silicone seals - 2 combs 16 wells,thickness 1 mm - Coloured charging tabs
Cat. No.	**151188**	**151207**	**151235**	**151255**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Base unit	- Same as complete unit without combs and counter combs	- Same as complete unit without combs, counter combs and trays		
Cat. No.	**151189**	**151208**	**-**	**-**
€	**N/A -**	**N/A -**	**-**	**-**

WEB

Find all compatible combs and accessories at www.dulis.nl



SUB13 midi submarine
12.8 x 15 cm

For the migration of 112 samples.
Prep tray idem SUB6.



SUB15 standard submarine
15 x 15 cm

Maximum 120 samples for the screening of mini DNA prep into PCR products.



SUBHT high Troughput submarine
15 x 15 cm

Maximum 120 samples
Fast charge from 1 PCR plate with 1 multi-channel pipette.



SUB20/SUB20C maxi standard/maxi-cooled submarine 20 x 20 cm

Maximum 160 samples.
Cooling base with water. Large tray for fine resolutions.



SUB25/SUB25C maxi standard/maxi-cooled submarine 25 x 30 cm

Tray 25 x 30 cm for 12 combs, 625 samples. With water recirculation base.

	SUB13 midi submarine 12.8 x 15 cm	SUB15 standard submarine 15 x 15 cm	SUBHT high Troughput submarine 15 x 15 cm	SUB20/SUB20C maxi standard/maxi-cooled submarine 20 x 20 cm	SUB25/SUB25C maxi standard/maxi-cooled submarine 25 x 30 cm
Gel dimensions	12.8 x 15 cm	15 x 15 cm	15 x 15 cm	20 x 20 cm	25 x 30 cm
Max. Volume	900 ml	1.2 l	1.2 l	2.2 l	3 l
Max. Power supply	300 V, 200 mA, 60 W	300 V, 200 mA, 60 W	300 V, 200 mA, 60 W	1000 V, 500 mA, 500 W	1000 V, 500 mA, 500 W
Max.sample capacity.	112	120	120	160	624
Maximum temperature	45 °C	45 °C	45 °C	45 °C	45 °C
Indoor use	4 - 40 °C	4 - 40 °C	4 - 40 °C	4 - 40 °C	4 - 40 °C
Humidity	Greater than 80%	Greater than 80%	Greater than 80%	Greater than 80%	Greater than 80%
Dimensions (L x H x D)	20 x 32 x 7 cm	21.5 x 33.5 x 7 cm	21.5 x 33.5 x 7 cm	27 x 47.5 x 8 cm	35 x 56 x 9 cm
Safety certificate	EN61010-1, CE	EN61010-1, CE	EN61010-1, CE	EN61010-1, CE	EN61010-1, CE
Features	Colour-coded combs with adjustable height UV transparent tray Carrying handles	Multi-channel compatible Colour coded combs UV transparent tray Carrying handles	For 96 samples and 24 markers DNA band resolution of 50-100 bp in 30 min. Carrying handles	Multi-channel compatible Colour coded combs UV transparent tray Carrying handles	Multi-channel compatible Colour coded combs UV transparent tray Carrying handles
Standard unit	- Electrophoresis chamber - Safety cover with high voltage leads - Migration tray with silicone seals - 2 combs 16 wells, thickness 1 mm - 2 ports for buffer recirculation	- Electrophoresis chamber - Safety cover with high voltage leads - Migration tray and preparation bridges - 2 combs 16 wells, thickness 1 mm - Coloured charging tabs - 2 ports for buffer recirculation	- Electrophoresis chamber - Safety cover with high voltage leads - Migration tray and preparation bridges - 4 combs 30 wells, thickness 1 mm - Coloured charging tabs - 2 ports for buffer recirculation	- Electrophoresis chamber - Safety cover with high voltage leads - Migration tray and preparation bridges - 2 combs 16 wells, thickness 1 mm - Coloured charging tabs - 2 ports for buffer recirculation	- Electrophoresis chamber - Safety cover with high voltage leads - Migration tray with silicone seals - 2 combs 26 wells, thickness 1 mm - Coloured charging tabs - 2 ports for buffer recirculation
Cat. No.	**151276**	**151301**	**151410**	**151323**	**151344**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Unit with refrigeration				- Electrophoresis chamber with refrigeration + same as standard unit	- Electrophoresis chamber with refrigeration + same as standard unit
Cat. No.	**-**	**-**	-	**151324**	**151345**
€	**-**	**-**	**-**	**N/A -**	**N/A -**

Microgel 2 horizontal electrophoresis tanks

Gel size: 5 x 8 cm

- **For a very fast separation**
- **For small-scale nucleic acid applications, agarose gel restriction fragments**
- **The complete tank is placed on a UV table to view the samples**
- **Buffer volume: 150 ml**
- **Maximum number of samples: 20**
- **Dimensions: 129 x 11 x 6 cm**

Suggested generators:
- **PS 304:** 300 Volts - 400 mA - 120 Watts
- **PS 305:** 300 Volts - 500 mA - 150 Watts with Timer and Gel Saver

The tank is supplied with:
- Removable UV transparent gel tray 5 x 8 cm;
- 2 removable walls for direct casting of gels;
- a 1 mm thickness comb, 10 teeth, volume 10 µl;
- safety cover;
- set of cords and user's manual.



Cat. No.	Description	€
049001	Cuve Microgel 2	N/A -
049002	UV transparent tray 5 x 8 cm	N/A -
049003	Set of cords	N/A -
049004	Separate gel casting system with adjustable level and feet	N/A -

Minigel 2 horizontal tank

Gel size: 10 x 8 cm.

- **For a very fast separation**
- **For small-scale nucleic acid applications, agarose gel restriction fragments**
- **Compact**
- **The complete tank is placed on a UV table to view the samples**
- **Buffer volume: 250 ml**
- **Maximum number of samples: 36**
- **Dimensions: 19 x 16 x 6 cm**

Suggested generators:
- **PS 304:** 300 volts - 400 mA - 120 Watts
- **PS 305:** 300 volts - 500 mA - 150 Watts with Timer and Gel Saver

The tank is supplied with:
- Removable UV transparent gel tray 10 x 8 cm;
- 2 removable walls for direct casting of gels;
- a comb, thickness 1 mm, 16 teeth, volume 12 µl;
- safety cover;
- set of cords and user's manual.



Cat. No.	Description	€
049011	Minigel 2 tank complete	N/A -
049012	UV transparent Tray 10 x 8 cm	N/A -
049003	Set of cords	N/A -
049004	Separate gel casting system with adjustable level and feet	N/A -

Midigel 2 horizontal tank

Gel size: 10 x 14 cm.

- **Buffer volume: 800 ml**
- **Maximum number of samples: 72 (with 4 combs)**
- **Dimensions: 28 x 16 x 9 cm**
- **For standard size gels, for PCR and RFLP screening**
- **Preparatory combs available**
- **Red strips deposits visualisation**
- **The tank is delivered complete**
- **For analytical or preparative applications on nucleic acids, agarose gel restriction fragments**
- **Gel tray 10 x 14 cm with four notches to insert the combs**
- **Gel tray 10 x 8 cm with 2 notches**
- **The holders are UV-transparent and equipped with sliding walls for gel casting**
- **18-tooth comb compatible with multi-channel pipettes**
- **Adjustable height base and built-in spirit level**

Suggested generators
- PS 304: 300 Volts - 400 mA - 120 Watts
- PS 305: 300 Volts - 500 mA - 150 Watts with Timer and Gel Saver
- PS 503: 500 Volts - 300 mA - 150 Watts with Timer and Gel Saver

The tank is supplied with:
- Removable UV transparent gel tray 10 x 14 cm;
- 2 removable walls for direct casting of gels;
- a comb, thickness 2 mm, 16 teeth, volume 24 µl;
- safety cover;
- set of cords;
- accessories for buffer recirculation;
- user's manual.





Cat. No.	Description	€
049025	Midigel 2 tank complete	N/A -
049026	UV transparent Tray 10 x 14 cm	N/A -
049012	UV transparent Tray 10 x 8 cm	N/A -
049003	Set of cords	N/A -
049004	Separate gel casting system with lwith adjustable level and feet	N/A -



Find all compatible combs on www.dulis.nl and enter the Cat. No. on dulis.nl to find the "Common elements for Apelex vertical tanks" guide

All prices are indicative and exclude VAT. Visit www.dulis.nl

Midigel XL horizontal tank



Cat. No.	Description	€
049416	Midigel XL Tank complete	N/A -
049427	UV transparent Tray 15 x 17 cm (1 to 6 combs)	N/A -
049428	UV transparent Tray 15 x 12 cm (1 to 4 combs)	N/A -
049429	UV transparent Tray 15 x 7 cm (1 to 2 combs)	N/A -
049003	Set of cords	N/A -
049004	Separate gel casting system with lwith adjustable level and feet	N/A -

Midigel XL tank packs for 96 samples

Pack content	Midigel XL tank + gel holder 150 x 170 mm + gel holder 150 x 120 mm + removable walls for direct gel pouring + 6 combs 16 teeth, thickness 1 mm for multichannel pipettes + safety lid + set of cords, user manual	
Generator included	No	PS 304XL (300 V - 400 mA - 100 W)
Cat.No.	**049903B**	**049902B**
€	**N/A -**	**N/A -**

Gel size: 15 x 17 cm.

- **Buffer volume: 1200 ml**
- **Maximum number of samples: 192 (with 6 combs)**
- **Dimensions: 32 x 23 x 9 cm**
- **For standard size gels of 17, 12 and 7 cm in length depending on the rack used**
- **For PCR and RFLP screening**
- **For analytical or preparative applications on nucleic acids, agarose gel restriction fragments**
- **Gel tray 15 x 17 cm with 6 notches for comb insertion**
- **Gel tray 15 x 12 cm with 4 notches**
- **Gel tray 15 x 7 cm with 2 notches**
- **The holders are UV-transparent and equipped with sliding walls for gel casting**
- **16 and 32 tooth combs are compatible with multi-channel pipettes**
- **Preparatory combs available**
- **Adjustable height feet and built-in spirit level**
- **Red strips deposits visualisation**
- **The tank is delivered complete**

Suggested generators

- PS 304: 300 Volts - 400 mA - 120 Watts
- PS 305: 300 Volts - 500 mA - 150 Watts with Timer and Gel Saver
- PS 503: 500 Volts - 300 mA - 150 Watts with Timer and Gel Saver

The tank is supplied with:

- Removable UV transparent gel tray 15 x 17 cm;
- 2 removable walls for direct casting of gels;
- 1 comb, 2 mm thickness , 27 teeth, volume 32 µl;
- safety cover;
- set of cords;
- user's manual.

Maxigel ECO 2 horizontal tank



Cat. No.	Description	€
049039	Maxigel ECO 2	N/A -
049040	UV-transparent tray 20 x 24 cm	N/A -
049041	UV transparent Tray 20 x 12 cm	N/A -
049003	Set of cords	N/A -
049004	Separate gel casting system with lwith adjustable level and feet	N/A -



Find all compatible combs on www.dulis.nl

Gel size: 20 x 24 cm or 20 x 12 cm.

- **Buffer volume: 1800 ml**
- **Max. number of samples: 352 (with 8 combs 049053 or 049461 compatible with multichannel pipettes)**
- **Dimensions: 28 x 37 x 9 cm**
- **For DNA or RNA analysis**
- **For rapid screening after PCR of 96 samples on a single gel**
- **For restriction fragment screening in agarose gel**
- **Gel tray 20 x 24 cm with eight notches for inserting the combs**
- **Gel tray 20 x 12 cm with 3 notches**
- **44-tooth combs compatible with multi-channel pipettes**
- **Preparatory combs available**
- **Adjustable height feet and built-in spirit level**
- **Red strips deposits visualisation**
- **The tank is delivered complete**

Suggested generators

- PS 305: 300 Volts - 500 mA - 150 Watts with Timer and Gel Saver
- PS 503: 500 Volts - 300 mA - 150 Watts with Timer and Gel Saver
- PS 608: 600 Volts - 800 mA - 300 Watts with Timer and 3 displays

The tank is supplied with:

- Removable UV transparent gel tray 20 x 24 cm;
- 2 removable walls for direct casting of gels;
- 1 comb, 1 mm thickness, 44/21 teeth - volume 14/24 µl (Cat.No. 049053)
- safety cover;
- set of cords;
- accessories for buffer recirculation;
- user's manual.

Maxigel THERMO 2 horizontal tank

Gel sizes: 20 x 24 cm or 20 x 12 cm.

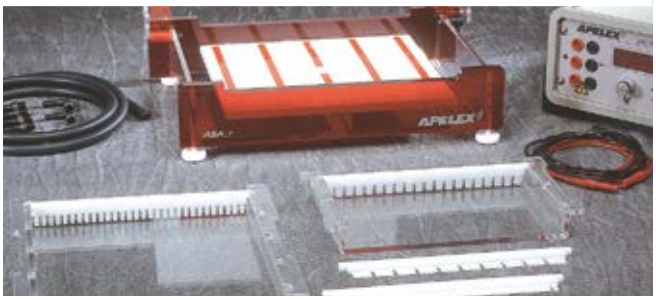
- **For DNA analysis in high resolution electrophoresis**
- **For rapid screening after PCR of 96 samples on a single gel**
- **For long partitions up to 22 cm**
- **For pulsed field electrophoresis**
- **For restriction fragment analysis**
- **Gel tray 20 x 24 cm with eight notches for inserting the combs**
- **Gel tray 20 x 12 cm with 3 notches**
- **44-tooth combs compatible with multi-channel pipettes**
- **Preparatory combs available**
- **Adjustable height base and built-in spirit level**
- **Red strips deposits visualisation**
- **The tank is delivered complete**
- **Double jacketed base for cryostat cooling**
- **Buffer volume: 1800 ml**
- **Maximum number of samples: 352 (with 8 combs compatible with multichannel pipettes)**
- **Dimensions: 28 x 37 x 9 cm**

Suggested generators:

- **PS 305:** 300 Volts - 500 mA - 150 Watts with Timer and Gel Saver
- **PS 503:** 500 Volts - 300 mA - 150 Watts with Timer and Gel Saver
- **PS 608:** 600 Volts - 800 mA - 300 Watts with Timer and 3 displays

The tank is supplied with:

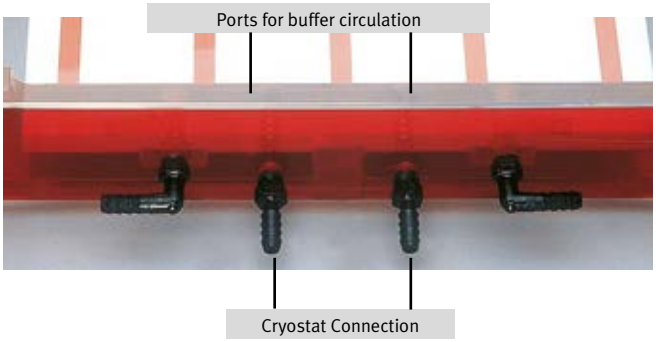
- Removable UV transparent gel tray 20 x 24 cm;
- 2 removable walls for direct casting of gels;
- 2 mm thick comb, 44/21 teeth - volume 28/48 µl;
- safety cover;
- set of cords;
- accessories for buffer recirculation and cryostat connection;
- user's manual.



Cat. No.	Description	€
049056	Maxigel THERMO 2 Tank complete	N/A -
049040	UV transparent tray 20 x 24	N/A -
049041	UV transparent tray 20 x 12	N/A -
049003	Set of cords	N/A -
049004	Separate gel casting system with lwith adjustable level and feet	N/A -

Combs

Same combs as the Maxigel ECO 2 tank (see above).



Maxigel XL and XXL horizontal tanks

Maxigel XL

Gel size: 23 x 25 cm.
Applications:

- long separations for high resolution (max. 23 cm)
- short separations of 500 samples (10 combs 50 teeth) / 250 samples (10 combs 25 teeth) / or 240 samples + 20 markers (10 combs 24 teeth + 2 markers)

Maxigel XXL

Gel size: 23 x 40 cm (standard rack) or 23 x 25 cm (optional rack).
Applications:

- long separations for high resolution (max. 38 cm)
- short separations of 600 samples (12 combs 50 teeth) / 300 samples (12 combs 25 teeth) / or 288 samples + 24 markers (12 combs 24 teeth + 2 markers)

Maxigel XL and XXL tanks are delivered with:

- rack 23 x 25 cm with sliding walls for gel pouring (Maxigel XL tank); rack 23 x 40 cm with sliding walls for gel pouring (Maxigel XXL tank);
- 2 combs 25 teeth 1 mm - 16 µl* samples;
- 2 combs 50 teeth 1 mm - 7 µl* samples;
- 1 sliding cover with integral power cords;
- Connectors set for buffer circulation
- (* for a 5 mm thick gel)
- Optional: 25 or 50 well guides for sample deposition.



Find all compatible combs and accesories on www.dulis.nl

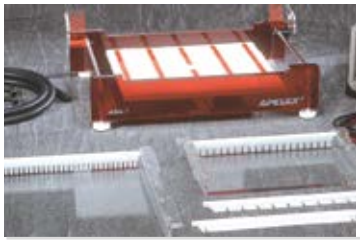


Maxigel XXL

	Maxigel XL	Maxigel XXL
Maximum number of combs	10	12 (rack23 x 40 cm) / 10 (rack 23 x 25 cm)
Buffer volume	3000 ml	4500 ml
Agarose volume for 1 x 5 mm thickness gel	300 ml	460 ml
L x W x H tank	32 x 37.5 x 10.5 cm	32 x 53 x 10.5 cm
Adjustable feet	2	2
Spirit level	Yes	Yes
Ports for buffer circulation	2	2
Maximum voltage	200 V	200 V
Cat. No.	**049907**	**049908**
€	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

ADVANTAGEOUS: TANKS PACKS + APELEX ELECTROPHORESIS GENERATORS

	PS 304 XL	PS 305 XL	PS 608
			
	➤300 V - 400 mA - 100 W	➤300 V - 500 mA - 100 W ➤Equipped with timer and gel saver	➤600 volts - 800 mA ➤300 watt ➤Equipped with timer and gel saver
Minigel 2 	➤Removable UV transparent gel tray 5 x 8 cm ➤2 removable walls for direct gel cating ➤1 comb, 1 mm thick, 10 dents, volume 10 µl ➤Safety cover ➤Set of cords, user manual	**PACK A:** Cat. No. / € 049212B / N/A -	
Midigel XL 	➤Removable UV transparent gel tray 15 x 17 cm ➤2 removable walls for direct gel cating ➤One comb, 2 mm thick, 27 teeth, volume 32 µl ➤Safety cover ➤Set of cords, user manual	**PACK B:** Cat. No. / € 049213B / N/A -	
Maxigel eco 2 	➤Removable UV-transparent gel tray ➤2 removable walls for direct gel cating ➤One comb, 2 mm thick, 44/21 teeth - volume 28/48 µl ➤Safety cover ➤Accessories for buffer recirculation ➤Set of cords, user manual		**PACK C:** Cat. No. / € 049214B / N/A -
Maxigel XXL 	➤Rack 23 x 40 cm with sliding walls for casting ➤Rack 23 x 25 cm with sliding walls for casting ➤8 combs 26 teeth 1 mm suitable for multichannel pipettes ➤Safety cover ➤Set of cords, user manual		**PACK H:** Cat. No. / € 049943B / N/A -
Midigel 2 	➤Removable UV transparent gel tray 10 x 14 cm ➤2 removable walls for direct gels casting ➤One comb, 2 mm thick, 16 teeth, volume 24 µl ➤Safety cover ➤Accessories for buffer recirculation ➤Set of cords, user manual	**PACK F:** Cat. No. / € 049217B / N/A -	
Maxigel Thermo 2 	➤Removable UV transparent gel tray 20 x 24 cm ➤2 removable walls for direct gel cating ➤A 2 mm thick comb, 44/21 teeth - vol. 28/48 µl ➤Safety cover ➤Accessories for buffer recirculation and cryostat connection		**PACK G:** Cat. No. / € 049218B / N/A -

Rapid Cast Mini-gel horizontal electrophoresis tanks

For four sizes of gels: 7 x 8, 9 x 11, 12 x 14, 23 x 14 cm. The units are delivered with:

- a fast gel casting system that does not require adhesive tape to maintain the seal during gel casting;
- electrophoresis tank with colour coded platinum electrodes;
- safety cover with retractable cords and plugs;
- uV-clear gel tray with silicone seals, 2 comb slots and a fluorescent ruler;
- two combs;
- anti-slip pads.

Rapid Cast Mini-gel Tank 7 x 8 cm

Recommended migration conditions:
5 volts per cm of distance between the electrodes, either. 5 x 19 = 95 volts
(or 110 volts at constant voltage).

Model	Rapid Cast Mini-gel Tank 7 x 8 cm
Description	Mini gel system
System dim. (W x L x H)	12 x 17.6 x 9.5 cm
Gel dimensions (W x L)	7 x 8 cm
Comb slots	2
Circulation Capacity	~ 400 ml
Agarose capacity (0.5 cm gel)	28 ml
Ports for circulation	Opcional
Max. sample capacity	24
Max. samples, l. full	12
Maximum voltage	150 V
Distance between electrodes*	18 cm
Standard components	Electrophoresis tank with electrodes of colour-coded plate, safety covers with retractable cords and plugs
Combs supplied	1 comb 6 teeth and 1 comb 10 teeth, 1.5 mm thick
Complete system Cat. No.	**4902000**
€	**N/A -**

* Recommended conditions: 5 volts per cm of electrode or constant 110 V .



Find all compatible combs on www.dulis.nl



Accessories

Cat. No.	Description	€
4902012	Tray for gel 7 x 8 cm	**N/A -**
4902014	Tray for 3 gels 7 x 8 cm	**N/A -**
4902016	Replacement seals (2 unit)	**N/A -**

Recommended migration conditions: 5 volts per cm of distance between the electrodes, i.e. 5 x 18 = 90 volts (or 110 volts at constant voltage). Supplied with 2 combs, 10 and 14 teeth, 1.5 mm thick, one of each.

Rapid Cast Mini-gel Tank 9 x 11 cm

Model	Rapid Cast Mini-gel Tank 9 x 11 cm
Description	Increased capacity
System dim. (W x L x H)	15 x 22 x 9.5 cm
Gel dimensions (W x L)	9 x 11 cm
Comb slots	2
Circulation Capacity	~ 600 ml
Agarose capacity (0.5 cm gel)	49.5 ml
Ports for circulation	Opcional
Max. sample capacity	36
Max. samples, l. full	18
Maximum voltage	150 V
Distance between electrodes*	19 cm
Standard components	Electrophoresis tank with electrodes of colour-coded plate, safety covers with retractable cords and plugs
Combs supplied	1 comb 10 teeth and 1 comb 14 teeth, 1.5 mm thick
Complete system Cat. No.	**4902017**
€	**N/A -**

* Recommended conditions: 5 volts per cm of electrode or constant 110 V .



Accessories

Cat. No.	Description	€
4902031	Tray for gel 9 x 11 cm	**N/A -**
4902032	Tray for 3 gels 9 x 11 cm	**N/A -**
4902034	Replacement seals (2 unit)	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Rapid Cast Mini-gel Tank 12 x 14 cm



Recommended migration conditions:
5 volts per cm of distance between the electrodes, i.e. 5 x 22.5 = 112.5 volts or 110 volts at constant voltage). Supplied with 2 combs, 12 and 20 teeth, 1.5 mm thick, one of each. Supplied with a casting tray with two red silicone pads that act as a seal and allow the gel to be prepared in the electrophoresis tank.

Accessories

Cat. No.	Description	€
4902054	UVT tray for RapidCast for 12 x 14 cm gels, 4 comb slots	N/A -
4902056	UVT tray for RapidCast for 12 x 14 cm gels, 12 comb slots	N/A -
4902058	Tray for 3 gels 12 x 14 cm	N/A -
4902060	Replacement seals (2 unit)	N/A -
4902061	Adjustable horizontal mini gel cast can be used with 8, 10 and 14 cm trays long and up to 12 cm wide	N/A -
4902062	Large adjustable horizontal gel cast can be used with 8, 10 and 14 cm trays long and up to 23 cm wide	N/A -

Model	Rapid Cast Mini-gel Tank 12 x 14 cm
Description	Standard Mini Gel System
System dim. (W x L x H)	18 x 24.5 x 9.5 cm
Gel dimensions (W x L)	12 x 14 cm
Comb slots	2
Circulation Capacity	~ 800 ml
Agarose capacity (0.5 cm gel)	84 ml
Ports for circulation	Opcional
Max. sample capacity	50, 100, 300
Max. samples, l. full	25
Maximum voltage	150 V
Distance between electrodes*	22.5 cm
Standard components	Electrophoresis tank with electrodes of colour-coded plate, safety covers with retractable cords and plugs
Combs supplied	1 comb 12 teeth and 1 comb 20 teeth, 1.5 mm thick
Complete system Cat. No.	**4902035**
€	**N/A -**

* Recommended conditions: 5 volts per cm of electrode or constant 110 V .



Find all compatible combs on www.dulis.nl

Rapid Cast Mini-gel Tank 23 x 14 cm



For screening 200 samples in a small format. Microtiter size combs. Delivered with 4 combs 50 teeth, 1.5 mm thick. Delivered with a separate casting tray with clamping screw, in which the gel tray is inserted to prepare the gel.

Accessories

Cat. No.	Description	€
4902064	Complete system without gel casting	N/A -
4902072	Standard UVT gel tray with cut finish and rinsed for 23 x 14 cm of gels	N/A -
4902062	Large adjustable horizontal gel casting, for 23 x 14 cm gels	N/A -

Model	Rapid Cast Mini-gel Tank 23 x 14 cm
Description	Mini wide gel system
System dim. (W x L x H)	26 x 29 x 10 cm
Gel dimensions (W x L)	23 x 14 cm
Comb slots	4
Circulation Capacity	~ 1000 ml
Agarose capacity (0.5 cm gel)	161 ml
Ports for circulation	Opcional
Max. sample capacity	200
Max. samples, l. full	50
Maximum voltage	150 V
Distance between electrodes*	22 cm
Standard components	Electrophoresis tank with electrodes of colour-coded plate, safety covers with retractable cords and plugs
Combs supplied 4 x 50 tooth combs, 1.5 mm thick	
Complete system Cat. No.	**4902065**
€	**N/A -**

* Recommended conditions: 5 volts per cm of electrode or constant 110 V .



OmniPage vertical electrophoresis tank

- **Available in 3 sizes**
- **Durable, leak-proof injection moulded design**
- **Platinum electrodes with gold-plated connectors, easy to replace**
- **MC combs for use with multichannel pipettes**
- **Runs up to 4 gels at a time**

Model	OmniPage Mini	OmniPage Mini-Wide	OmniPage Wave
Dim. W x D x H (mm)	190 x 130 x 150	260 x 160 x 160	300 x 180 x 270
Buffer volume (min/max) (ml)	250 / 1200	600 / 2800	1200 / 5600
Pack content	1 electrophoresis tank, 1 lid, 2 glass plates with wide spacers . 1 mm, 1 outer glass plate, 2 combs, 1 casting base, 1 cooler for buffer solution		
Plates Dim. (W x H) (mm)	10 x 10	20 x 10	20 x 20
Gel dim. (W x H) (mm)	7.5 x 8	18 x 8	16 x 17
Max. sample N° / gel	20	48	48
Total Max. sample N°	80	192	192
Combs supplied	12 teeth, 1 mm thick	24 teeth, 1 mm thick	24 teeth, 1 mm thick
Cat. No.	**263246**	**263247**	**263248**
€	**N/A -**	**N/A -**	**N/A -**



MC combs for OmniPage Mini-Wide and Wave

Cat. No.	Number of wells	Thickness (mm)	Volume/wells (µl)	€
263257	18	0.75	40	**N/A -**
263258	36	0.75	20	**N/A -**
263259	18	1	50	**N/A -**
263260	36	1	25	**N/A -**
263261	18	1.5	80	**N/A -**
263262	36	1.5	40	**N/A -**
263263	18	2	100	**N/A -**
263264	36	2	50	**N/A -**

MC combs for OmniPage Mini

Cat. No.	Number of wells	Thickness (mm)	Volume/wells (µl)	€
263249	8	0.75	40	**N/A -**
263250	16	0.75	20	**N/A -**
263251	8	1	60	**N/A -**
263252	16	1	25	**N/A -**
263253	8	1.5	80	**N/A -**
263254	16	1.5	40	**N/A -**
263255	8	2	120	**N/A -**
263256	16	2	50	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hoefer small format vertical gel preparation system



Delivered with:
- Maker with seals
- Front plate with Intel port
- Rectangular glass plates
- Notched alumina plates
- Spring clamps
- 100 pre-cut wax paper sheets
- Space Saver plate
- 5 polycarbonate filler sheets

Preparation system for 1 or 2 gels:
- For 10 x 8 cm or 10 x 10.5 cm plates

Supplied with: 4 clamps, joint pour gel, 4 cames

Multiple preparation system:
- For non-gradient gels, pour the solution directly from the top of the chamber
- The gels are poured at the same time, at the same speed and therefore identical
- Sandwich plates are stretched without the use of grease or adhesives
- Once prepared, the gels, wrapped in plastic film, can be stored in the refrigerator

Multiple preparation system

Cat. No.	Description	€
151041	Gel maker for 10 gels 10 x 8 cm with plates Includes: 20 rectangular plates 10 x 8 cm, 20 plates notched 10 x 8 cm, 2 spring clamps	N/A -
151042	Gel maker for 4 gels 10 x 8 cm with plates Includes: 10 rectangular plates 10 x 8 cm, 4 plates notched 10 x 8 cm, 2 spring clamps	N/A -
151043	Gel maker for 4 gels 10 x 10.5 cm with plates Includes: 5 rectangular plates 10 x 10.5 cm, 4 plates notched 10 x 10.5 cm, 4 spring clamps	N/A -

Preparation system for 1 or 2 gels

Cat. No.	Description	€
151044	Preparation system for 2 gels	N/A -

Hoefer Mighty Small II SE 250 - 10 x 8 cm Vertical Electrophoresis System



- **For plates up to 10 x 8 cm**
- **Efficient cooling ensures 1 fine band resolution**
- **Quick and easy to assemble**
- **Minimum buffer requirement**
- **Easily upgradeable to the SE 260 to work with 10 x 8 or 10 x 10.5 cm gels and pre-cast gel cassettes**
- **2 gels at once (can run 4 gels at once)**
- **Alumina plates for better cooling**
- **Safety cover**

Supplied with:
- Lower chamber, upper chamber
- Safety cover
- Seal, 2 clamp seals
- 4 cams
- 10 rectangular glass plates, 10 x 8 cm
- 2 alumina plates, notched, 10 x 8 cm
- 4 spring clamps
- 2 combs 10 wells, 0.75 mm thick
- 4 T-spacers, 0.75 mm thick
- 2 Well Locating Decals
- Gel seal

Cat. No.	Description	€
151036	Mighty Small II Vertical Electrophoresis System SE 250 complete	N/A -

Model	Mighty Small II SE 250
Glass plate size	10 x 8 cm
Gap	0.75 mm, 1 mm, 1.5 mm
Max. Electrical settings	500 V, 500 mA, 12 W
Maximum temperature	45 °C
Humidity	Above 80 %
Dimensions (L x H x D)	16.5 x 18 x 16 cm
Safety certificate	EN61010-1, UL61010A-1, CSA C22.2 1010.1, CE



Find standard combs, preparatory combs, spacers and glass plates for MiniVE™ SE 300, SE 260 and SE 250 at www.dulis.nl

Hoefer Mighty Small II Deluxe SE 260 Vertical Electrophoresis System - 10 x 10.5 cm or 10 x 8 cm

- **Combines the advantages of small size and efficient cooling for protein and nucleic acid screening**
- **For 10 x 10.5 cm or 10 x 8 cm plates**
- **Flexible design, can also be used with 10 x 8 cm gels, optional accessories**
- **Can also be used with pre-cast gels in cassettes**
- **Efficient cooling ensures 1 fine band resolution**
- **For 1 or 2 gels, maximum 30 samples under the same migration conditions**



Supplied with:
- Lower chamber, upper chamber
- Safety cover
- Seal, 2 clamp seals
- 4 cams
- 10 rectangular glass plates, 10 x 10.5 cm
- 5 alumina plates, notched
- 4 spring clamps
- 2 combs 10 wells, 0.75 mm thick
- 4 T-spacers, 0.75 mm thick
- Gel seal

Model	Small II Deluxe SE 260
Glass plate size	10 x 10.5 cm or 10 x 8 cm
Gap	0.75 mm, 1 mm, 1.5 mm
Max. Electrical settings	500 V, 500 mA, 12 W
Maximum temperature	45 °C
Humidity	Above 80 %
Dimensions (L x H x D)	16.5 x 18 x 16 cm
Safety certificate	EN61010-1, UL61010A-1, CSA C22.2 1010.1, CE

Cat. No.	Description	€
151034	Mighty Small deluxe SE260 Complete Vertical Electrophoresis System,	**N/A -**
151443	SE260 vertical electrophoresis system for 1 mm thick gel	**N/A -**
151444	SE260 vertical electrophoresis system for 1.5 mm thick gel	**N/A -**

Find standard combs, preparatory combs, spacers and glass plates for MiniVE™ SE 300, SE 260 and SE 250 at www.dulis.nl



Hoefer MiniVE™ SE 300 Vertical Electrophoresis System - 10 x 10.5 cm or 10 x 8 cm

- **Glass plates 10 x 10.5 cm or 10 x 8 cm (W x H)**
- **Passively cooled, producing thin and narrow strips**
- **For use with pre-filled gels**
- **Transfer up to 4 gels in 45 minutes with 300 ml buffer using the SE302 blotting module**



Supplied with:
- Upper chamber
- Safety cover
- 2 gel modules with seals
- 3 rectangular glass plates, 10 x 10.5 cm (not included with Cat. No. 151033)
- 3 glass plates, notched, 10 x 10.5 cm (not included with Cat. No. 151033)
- 2 combs 10 wells, 1 mm thick (not included with Cat. No. 151033)
- 4 T-spacers, 1 mm thick (not included with Cat. No. 151033)
- Plate separation tool
- Gel seal

Model	Mini VE™ SE 300
Glass plate size	10 x 10.5 cm or 10 x 8 cm
Gap	0.75 mm, 1 mm, 1.5 mm
Max electrical settings	
For electrophoresis	500 V and 25 W per module
For blotting	400 mA and 15 W per module
Maximum temperature	45 °C
Humidity	Above 80 %
Dimensions (L x H x D)	19.2 x 17.2 x 18.8 cm
Safety certificate	EN61010-1, UL61010A-1, CSA C22.2 1010.1, CE

Cat. No.	Description	€
151032	Vertical electrophoresis system MiniVE™ SE 300 complete	**N/A -**
151033	Vertical electrophoresis system MiniVE™ SE 300 without combs, spacers and glass plates	**N/A -**

MiniVE Blot module

Cat. No.	Description	€
151378	MiniVE Blot Module / Included: Blot module, blotter papers (25 sheets), foam sponges x 3 (6 mm thick)	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hoefer SE 400 Vertical Air-Cooled Electrophoresis System - 18 x 16 cm



- **Compact and economical**
- **Plate 18 x 16 cm**
- **Manufactured from easy-to-assemble moulded materials**
- **For the migration of 2 gels by adding 1 divider plate**
- **Internal seals**
- **Plates, clamps, spacers, combs interchangeable with SE 600 series**

Supplied with:
- Lower chamber, gel maker with high voltage leads
- Upper chamber
- Safety cover with electrodes
- 2 glass plates 18 x 16 cm
- 2 x 16 cm clamps
- 2 cams
- Slotted seals for upper chamber
- Spirit level
- Laminated seals
- Plate separation tool
- Gel seal
- 15-Well comb, 1.5 mm thick (not included with Cat. No.. 151031)
- 2 spacers, 1.5 mm thick, 2 cm width (not included with Cat. No.. 151031)

Cat. No.	Description	€
151030	Complete Vertical Electrophoresis System SE 400	N/A -
151031	Standard Vertical Electrophoresis System SE 400 without combs and spacers	N/A -

Model	SE 400
Glass plate size	18 x 16 cm
Gap	0.75 mm, 1 mm, 1.5 mm
Max. Electrical settings	500 V, 60 mA, 20 W
Maximum temperature	45 °C
Humidity	Above 80 %
Dimensions (L x H x D)	2x 28 x 15 cm
Safety certificate	EN61010-1, UL31010-1, CSA C22.2 1010.1, CE

Hoefer SE 600 Double Cooled Standard Vertical Electrophoresis System - 18 x 16 cm or 18 x 8 cm



- **For gels 18 x 16 cm**
- **For 4 gels simultaneously with up to 112 samples**
- **For native or denatured polyacrylamide gels and 2D electrophoresis**
- **Migration of gels at uniform temperatures between 1 and 45 °C**

Supplied with:
- Lower chamber
- Upper chamber
- Safety cover
- Thermostatting
- 6 glass plates 18 x 16 cm
- 4 x 8 cm clamps
- 6 cams
- 2 Slotted seals for upper chamber
- Gel maker
- Spirit level
- 2 laminated seals
- Plate separation tool
- Gel seal
- 2 x 15-well combs, 1.5 mm thick
- 4 spacers, 1.5 mm thick, 2 cm width

Cat. No.	Description	€
151024	SE 600 Complete Standard vertical electrophoresis system	N/A -

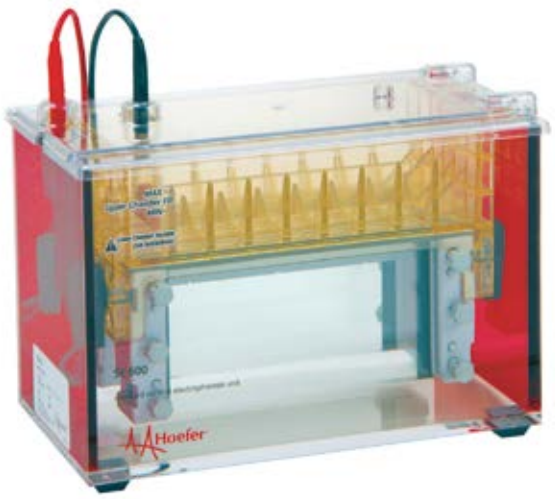
Model	SE 600
Glass plate size	18 x 16 cm or 18 x 8 cm
Gap	0.75 mm, 1 mm, 1.5 mm
Max. Electrical settings	1000 V, 500 mA, 50 W
Maximum temperature	45 °C
Humidity	Above 80 %
Dimensions (L x H x D)	32 x 29 x 14 cm
Safety certificate	EN61010-1, UL61010-1, CSA C22.2 1010.1, CE

TIP

Find the SE400 and SE600 electrophoresis tank casting holders on www.dulis.nl

Hoefer Vertical Electrophoresis System - SE 640 mini and large - 18 x 8 cm

- **For rapid migration of HTS samples**
- **Glass plate 18 x 8 cm maximum**
- **Enables rapid screening of up to 112 samples simultaneously**
- **For native or denatured polyacrylamide gels**
- **For second dimensional migrations using IEP strips or tube gels**



Supplied with:
- Lower chamber
- Upper chamber
- Safety cover
- 6 glass plates 18 x 8 cm
- 4 x 8 cm clamps
- 6 cams
- 2 Slotted seals for upper chamber
- Gel maker
- Spirit level
- 2 laminated seals
- Plate separation tool
- 2 x 15-well combs, 1.5 mm thick (not included with Cat. No.. 151027)
- 4 spacers, 1.5 mm thick, 2 cm width (not included with Cat. No.. 151027)

Model	SE 640
Glass plate size	18 x 8 cm
Gap	0.75 mm, 1 mm, 1.5 mm
Max. Electrical settings	1000 V, 500 mA, 50 W
Maximum temperature	45 °C
Humidity	Above 80 %
Dimensions (L x H x D)	32 x 29 x 14 cm
Safety certificate	EN61010-1, UL61010-1, CSA C22.2 1010.1, CE

Cat. No.	Description	€
151026	SE 640 Complete Standard vertical electrophoresis system	**N/A -**
151027	Standard Vertical Electrophoresis System SE 640 without combs and spacers	**N/A -**

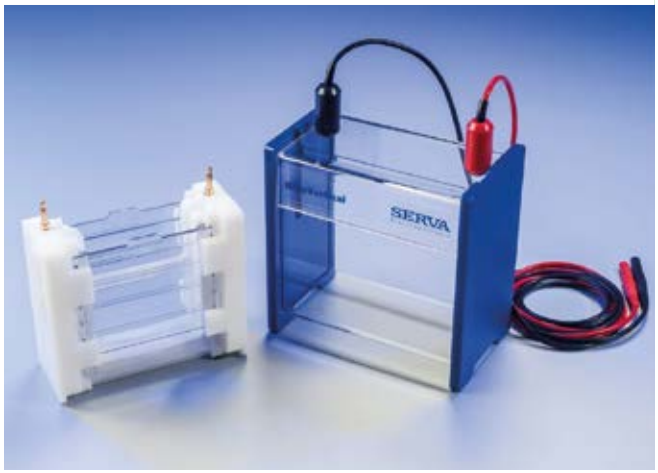
TIP

Standard combs, preparatory combs, spacers and glass plates for SE 400, SE 600 and SE 640 can be found at www.dulis.nl



BlueVertical Prime electrophoresis system for pre-cast gels 10 x 10 cm

- **Robust and compact vertical electrophoresis tank system for 1 or 2 pre-cast gels**
- **Protein separation in SDS PAGE, native PAGE, isoelectrofocusing and nucleic acids**
- **For use with ServaGel pre-moulded gels, size 10 x 10 x 0.7 cm**
- **Easy and quick installation of the pre-filled gel cassettes with holding system to prevent leakage**
- **The external tank functions as a heat sink allowing passive cooling**
- **Includes a clear acrylic outer reservoir for tracking migration, internal main unit, platinum-covered electrodes and a secure lid**
- **Pre-filled gels to be ordered separately (see page 192)**



Internal compartment volume (ml)	200
External compartment volume (ml)	450
Max voltage (V)	500
Current (mA)	250
Operating temperature (°C)	4 - 65
Dimensions (L x H x D) (cm)	16 x 15.6 x 9.5
Weight (kg)	1.2
Cat. No.	**115766**
€	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

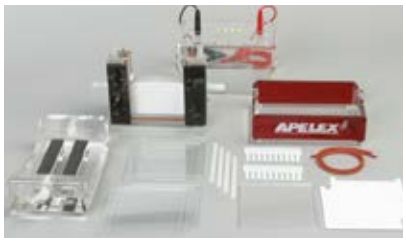
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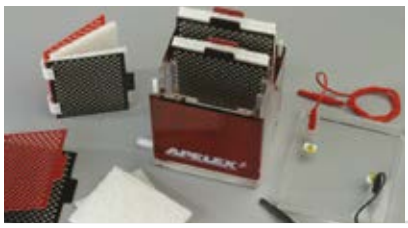
MINIVERTIGEL 2 + BLOTTERS PACKS

WITH OR WITHOUT GENERATOR

	Without generator	With PS 304 XL	With PS 305 XL
			
		➤300 V - 400 mA - 100 W	➤300 V - 500 mA - 100 W ➤Equipped with timer and gel saver

MiniVertigel 2 + Mini GelTrans Blotter





- ➤Migration module
- ➤Lower tank
- ➤Lid and cords
- ➤2 glass notched plates
- ➤2 ceramic notched plates
- ➤4 solid glass plates
- ➤1 blanking wall
- ➤2 combs 10 teeth 0.8 mm
- ➤4 spacers 0.8 mm
- ➤2 spare seals
- ➤Casting base and seals

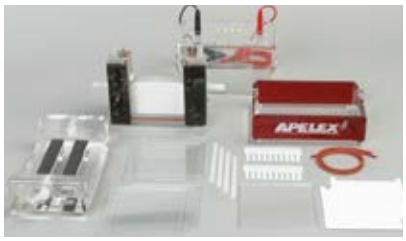
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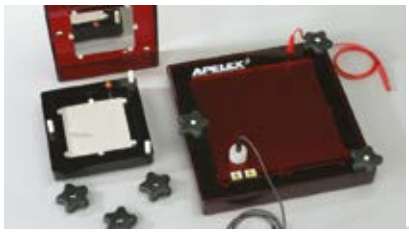
Cat. No.	€
049466	N/A -

PACK 1:

Cat. No.	€
049465B	N/A -

MiniVertigel 2 + Mini Blotter semi-dry





- ➤Migration module
- ➤Lower tank
- ➤Lid and cords
- ➤2 glass notched plates
- ➤2 ceramic notched plates
- ➤4 solid glass plates
- ➤1 blanking wall
- ➤2 combs 10 teeth 0.8 mm
- ➤4 spacers 0.8 mm
- ➤2 spare seals
- ➤Casting base and seals

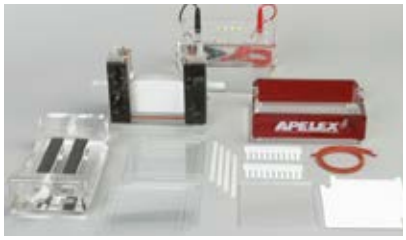
PACK 4:

Cat. No.	€
049468	N/A -

PACK 3:

Cat. No.	€
049467B	N/A -

MiniVertigel 2 + SlimBlotter





- ➤Migration module
- ➤Lower tank
- ➤Lid and cords
- ➤2 glass notched plates
- ➤2 ceramic notched plates
- ➤4 solid glass plates
- ➤1 blanking wall
- ➤2 combs 10 teeth 0.8 mm
- ➤4 spacers 0.8 mm
- ➤2 spare seals
- ➤Casting base and seals

PACK 5:

Cat. No.	€
049469B	N/A -

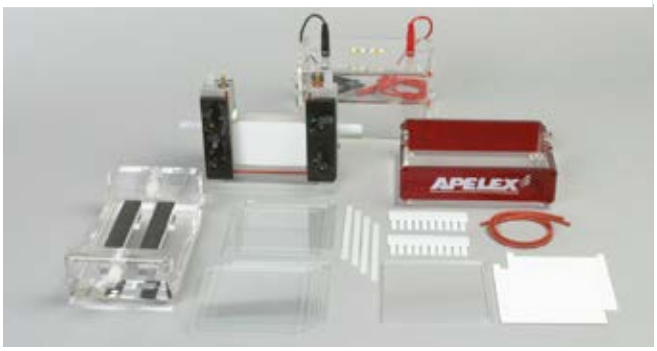
MiniVertigel 2 vertical tank

- **Plate dimensions W x H: 10 x 10 cm**
- **Useful gel dimensions: 8 x 9 cm**
- **Total buffer volume: 250 ml**
- **Number of samples: 48**
- **Compatible with pre-cast gels in 10 x 10 cm cassettes**

Suggested generators
- PS 304: 300 Volts - 400 mA - 120 Watts
- PS 305: 300 Volts - 500 mA - 150 Watts with Timer and Gel Saver
- PS 503: 500 Volts - 300 mA - 150 Watts with Timer and Gel Saver

The tank is supplied with:
- migration module;
- lower tank;
- cover with integral power cords;
- 2 notched glass plates;
- 2 ceramic plates with notch;
- 4 solid glass plates;
- 1 blanking wall;
- 2 combs 10 teeth 0.8 mm
- 4 spacers 0.8 mm;
- 2 replacement seals;
- casting base and seals.





Cat. No.	Description	€
049221	Complete MiniVertigel 2 for 2 gels 0.8 mm 10 x 10 cm with casting base	N/A -
049241	Solid glass plate 10 x 10 cm	N/A -
049242	Glass notched plate 10 x 10 cm	N/A -
049243	Aluminium notched plate 10 x 10 cm	N/A -

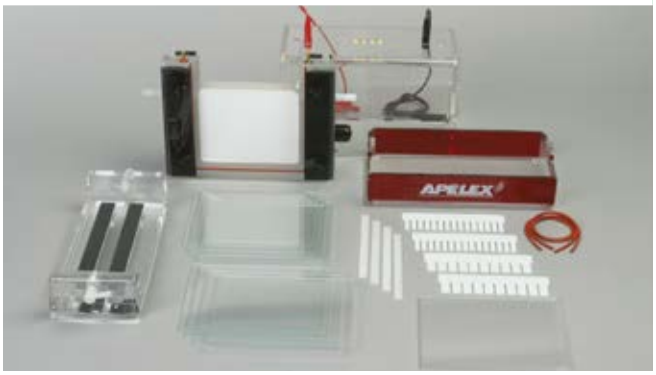
MidiVertigel 2 vertical tank

- **Plate dimensions W x H: 16 x 14 cm**
- **Useful gel dimensions: 14 x 12.5 cm**
- **Total buffer volume: 650 ml**
- **Number of samples: 48**

Suggested generators
- PS 305: 300 Volts - 500 mA - 150 Watts with Timer and Gel Saver
- PS 503: 500 Volts - 300 mA - 150 Watts with Timer and Gel Saver
- PS 608: 600 Volts - 800 mA - 300 Watts with Timer and 3 displays

The tank is supplied with:
- migration module;
- lower tank;
- cover with integral power cords;
- 4 notched glass plates;
- 4 solid glass plates;
- 1 blanking wall;
- 2 combs 10 teeth 1.5 mm
- 2 combs 15 teeth 1.5 mm
- 8 spacers 1.5 mm;
- 2 replacement seals;
- casting base and seals.





Cat. No.	Description	€
049222	MidiVertigel 2 for 2 gels 1.5 mm 16 x 14 cm with casting base	N/A -
049263	Solid glass plate 16 x 14 cm	N/A -
049264	Glass notched plate 16 x 14 cm	N/A -

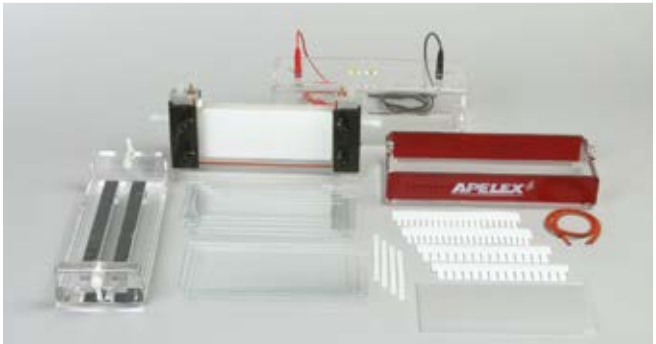
Mini Wide Vertigel 2 Vertical tank

- **Plate dimensions W x H: 20 x 10 cm**
- **Useful gel dimensions: 18 x 8 cm**
- **Total buffer volume: 650 ml**
- **Number of samples: 72**

Suggested generators
- PS 305: 300 Volts - 500 mA - 150 Watts with Timer and Gel Saver
- PS 503: 500 Volts - 300 mA - 150 Watts with Timer and Gel Saver
- PS 608: 600 Volts - 800 mA - 300 Watts with Timer and 3 displays

The tank is supplied with:
- migration module;
- lower tank;
- cover with integral power cords;
- 4 glass notched plates;
- 4 solid glass plates;
- 1 blanking wall;
- 2 combs 15 teeth 0.8 mm
- 2 combs 20 teeth 0.8 mm
- 8 spacers 0.8 mm;
- 2 replacement seals;
- casting base and seals.





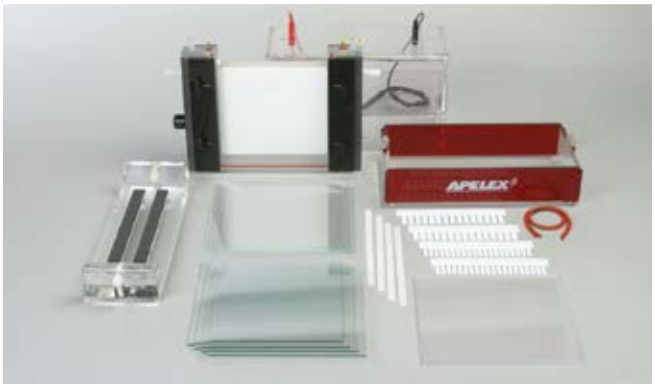
Cat. No.	Description	€
049223	Mini Wide Vertigel 2 for 2 gels 0.8mm 20 x 10 cm with casting base	N/A -
049286	Solid glass plate 20 x 10 cm	N/A -
049287	Glass notched plate 20 x 10 cm	N/A -



Find all compatible combs and accesories on www.dulis.nl

All prices are indicative and exclude VAT. Visit www.dulis.nl

H-Vertigel 2 vertical tank



- **Plate dimensions W x H: 20 x 20 cm**
- **Total buffer volume: 1250 ml**
- **Useful gel dimensions: 18 x 18 cm**
- **Number of samples: 50**

Suggested generators

- PS 608: 600 Volts - 800 mA - 300 Watts with Timer and 3 displays
- PS 1006: 1000 Volts - 600 mA - 300 Watts with Timer and 3 displays
- PS 1006P: 1000 Volts - 600 mA - 300 Watts with Timer and 3 displays

The tank is supplied with:

- migration module;
- lower tank;
- Coverover with integral power cords;
- 4 glass notched plates;
- 4 solid glass plates;
- 1 blanking wall;
- 2 combs 15 teeth 1.5 mm
- 2 combs 20 teeth 1.5 mm
- 8 spacers 1.5 mm;
- 2 replacement seals;
- casting base and seals.

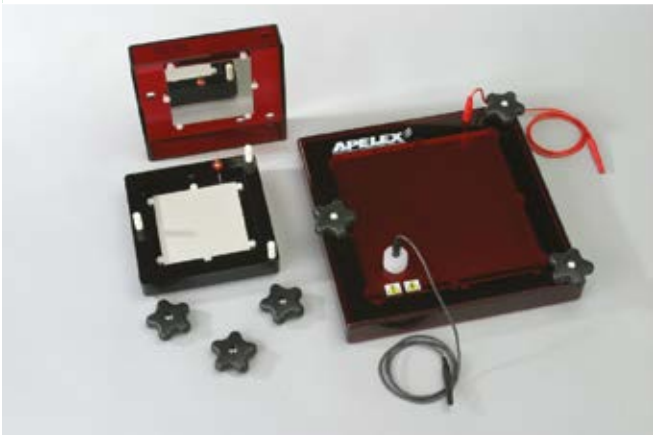


Cat. No.	Description	€
049224	Complete H-Vertigel 2 for 2 gels 1.5 mm 20 x 20 cm with casting base	N/A -
049440	Solid glass plates 20 x 20 cm	N/A -
049441	Glass notched plates 20 x 20 cm	N/A -



Find all compatible combs and accesories on www.dulis.nl

Semi-dry blotters

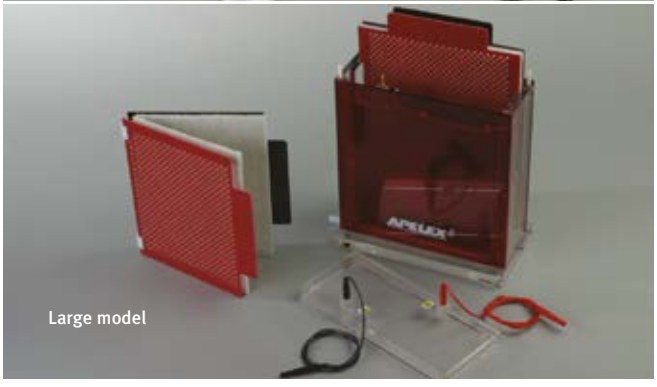


Ideal for protein transfer ‹ 150 kd. Minigels in 15 minutes.
For the extremely fast and efficient transfer of proteins to membranes. Also for nucleic acids on agarose gel.

Model	Mini semi-dry Blotter	Large semi-dry Blotter
Electrode area	11 x 11 cm	20 x 20 cm
Buffer volume	50 ml	250 ml
Maximum gel size	10 x 10 cm	20 x 20 cm or 4 gels 10 x 10 cm
Maximum current	3 mA/cm²	3 mA/cm²
Recommended generators	PS304 or PS305	PS202
Standard Equipement	Stainless steel cathode cover Base with Platinum/Titanium anode Separable power cords 3 adjustment clamps	
Cat. No.	**049225**	**049226**
€	**N/A -**	**N/A -**

Gel Trans Blotters





Two different sized tanks allow the transfer of gels up to 20 x 20 cm. Protected platinum electrodes mounted on removable holders ensure uniform transfer quality.

The sandwich cassettes fit into grooves machined into the sides of the tank, allowing for tight, repeatable clamping without the risk of deformation during transfer. Cryostat cooling system integrated in the base.

Model	Mini Gel Trans Blotter	Large Gel Trans Blotter
Maximum gel size	10 x 10 cm	20 x 20 cm
Buffer volume	1300	3000
Number of cassettes supplied	4	2
Maximum capacity	4 gels 10 x 10 cm	2 gels 20 x 20 cm
Maximum current	2A (with cryostat)	2A (withcryostat)
Recommended generators	PS 305 or PS 202	PS 202
Equipement	Standard Transfer tank Cover with integral cords	
	4 cassettes 10 x 10 cm 4 sets of 2 abrasive buffers	2 cassettes 20 x 20 cm 2 sets of 2 abrasive buffers
Cat. No.	**049227**	**049228**
€	**N/A -**	**N/A -**

Fastgene® Protein electrophoresis tank

- To be used with pre-cast IC gels (10 x 8 cm); for two gels
- With innovative system for fixing the pre-filled gel cassettes, preventing leakage
- During electrophoresis, the cassettes are completely immersed in the migration buffer, which ensures good cooling and therefore better resolution with thinner bands
- Low tank volume: saving expensive reagents (MOPS or MES)

Dimensions (L x W x H)	18 x 8 x 18 cm
Lid, tank, sides material	Ultrapure Acryl
Seals	Silicone
Buffer capacity	500 ml
Voltage / Power	0 - 600 Vdc / 0 - 100 mA
Temperature range	0 - 50 °C
Cat. No.	**523004**
€	**N/A -**



The Fastgene® electrophoresis tank is supplied complete with tanks, anode and cathode electrodes, lid with cables, sealing gasket, two acrylic plates.

Unigel Dryer

Large drying area for agarose gels or polyacrylamide gels.

- Aluminium containers
- Excellent chemical resistance
- Polyethylene sheets for use as gel carriers
- Silicone seal for a good vacuum against the heating surface
- Supplied with a 34 x 44 cm Teflon frit
- Microprocessor control via RS232
- To be completed by a vacuum pump system
- 2 year warranty



Drying surface	450 x 350 mm
Dimensions (L x D x H)	495 x 485 x 85 mm
Voltage / Power (W)	220 - 110 Volts / 600 W
Cat. No.	**044900**
€	**N/A -**



MBP electroporation cuvettes

Sterile electroporation cuvettes compatible with all brands of electroporators.

- Waterproof cap
- Colour code and inscription area
- Individual packaging

Cat. No.	Code Colour	Slot width (mm)	Units/ box	€/ box
038189	White	1	50	N/A -
038190	Blue	2	50	N/A -
038191	Green	4	50	N/A -



Electroporation cuvettes

- With coloured cap
- Sterile, single pack
- Manufactured in a clean room
- In medical grade polycarbonate
- Electrode treatment with 11 washing steps to ensure homogeneous pulses

Cat. No.	Model	Width (mm)	Units/ box	€/ box
4905020	Standard	1	50	N/A -
4905021	Standard	2	50	N/A -
4905022	Standard	4	50	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Ultrafiltration / Amicon

See Amicon™ Ultra, Amicon™ Pro next page

Ultracel ultrafiltration membrane (made of regenerated cellulose)

With very low protein adsorption, it can concentrate and desalinate very dilute solutions. Its ultra-fine microstructure allows very high retentions with extremely low specific adsorption of proteins, DNA or other macromolecules. This membrane is available on the Amicon Ultra and Centricon Plus-70 range.

Durapore microporous membrane (PVDF)

With low protein adsorption and low extractables, it can be used to clarify samples, recover DNA from agarose gels and retain chromatography resins.
Durapore membranes allow the passage of soluble proteins or nucleic acids and retain cell fragments, whole cells or particles. The Durapore membrane is extremely hydrophilic and provides the lowest adsorption to proteins or other biomolecules of any microporous membrane on the market. The Durapore membrane is used in the Ultrafree-MC and CL.

Merck Millipore's Amicon family of products offers you the widest selection of ultrafiltration products for protein processing and molecular biology applications.

Centrifugal filtration allows biological samples to be concentrated, desalted, diafiltered and clarified quickly and reproducibly. Centrifugal filtration also reduces processing times, increases sample recovery efficiency, allows higher concentration factors to be achieved and further desalination of samples.

The choice of a centrifuge unit will depend on several factors:

the starting concentration of the sample;
the starting volume;
the desired concentration factor;
the user's centrifuge equipment.

While some units favour high sample recovery efficiencies, others will allow for high ultrafiltration rates.

Membrane	Retention	Passage
Ultrafiltration	Proteins, DNA, viruses	Salts, sugars, amino acids, oligonucleotides
Microporous	Cells, precipitates, resins, beads, particles	Salts, proteins, nucleic acids, viruses

Sample type	Membrane	Material	Cut-off point
Dilute, extremely pure sample requiring low adsorption	Ultracel	Regenerated Cellulose	3000 Da, 10000 Da, 30000 Da, 50000 Da, 100000 Da
Cells, precipitate, bead, resin requiring the passage of molecules soluble such as proteins, nucleic acids or salts	Durapore	hydrophilic PVDF	0.1 µm, 0.2 µm, 0.45 µm, 0.65 µm, 5 µm

Amicon Ultra 0.5 and 2 ml



Centrifugal ultrafiltration device for dilute protein solutions.
Insert tube with ultrafiltration membrane.
For the concentration and purification of proteins, antibodies and nucleic acids, desalting and diafiltration, removal of unincorporated primers, linkers and markers.

- **Very high reproducibility**
- **Numerous cut-off points available**
- **Very high sample recovery (›90%) due to reverse centrifugation method**
- **For PCR products purification, use 30 kDa units**

	Amicon Ultra 2 ml	Amicon Ultra 0.5 ml
Max. initial volume	2 ml	0.5 ml
Final volume	15 - 70 µl	15 - 20 µl
Max centrifugal force	4000 g (fixed rotor) 7500 g (tilting rotor)	14000 g
Tube format	-	Microtube 1.5 ml

	Amicon Ultra 0.5 ml								Amicon Ultra 2 ml	
Threshold of kDa cut-off	Cat.No. 8 units	€ 8 units	Cat.No. 24 units	€ 24 units	Cat.No 96 units	€ 96 units	Cat.No. 500 units	€ 500 units	Cat.No. 24 units	€ 24 units
3	051823	N/A -	051824	N/A -	051826	N/A -	051831	N/A -	053716	N/A -
10	051828	N/A -	051829	N/A -	051830	N/A -	051827	N/A -	053717	N/A -
30	051850	N/A -	051851	N/A -	051852	N/A -	051853	N/A -	053718	N/A -
50	051854	N/A -	051855	N/A -	051856	N/A -	051857	N/A -	053719	N/A -
100**	051858	N/A -	051859	N/A -	051860	N/A -	051861	N/A -	053720	N/A -

** Max. centri force: 5000 g for proteins / 2000 g for nucleic acids



Enter the Cat. No. on www.dulis.nl to see the Investigative Genetics guide.

Amicon™ Ultra centrifugal ultrafiltration units

- With Ultracel™ membrane made of low-adsorption regenerated cellulose, ideal for use with dilute protein solutions
- Also suitable for rapid filtration of complex media such as serum or cell lysates
- Fast: 10 to 20 minutes of centrifugation
- High sample recovery (› 90 %)
- Compatible with different rotors
- Fixed angle and tilting basket
- Innovative design
- 1 centrifugation step only
- 100% integrity tested



See description of the Amicon™ range on previous page



Enter the Cat. No. on www.dulis.nl to see the Investigative Genetics guide.



	Amicon Ultra 4 ml						Amicon Ultra 15 ml					
Threshold of kD cut	Cat. No. 8 units	€ 8 units	Cat. No. 24 units	€ 24 units	Cat. No. 96 units	€ 96 units	Cat. No. 8 units	€ 8 units	Cat. No. 24 units	€ 24 units	Cat. No. 96 units	€ 96 units
3	051775	N/A -	051776	N/A -	051777	N/A -	051783	N/A -	051784	N/A -	051785	N/A -
10	044020	N/A -	044021	N/A -	044022	N/A -	044029	N/A -	044030	N/A -	044031	N/A -
30	044023	N/A -	044024	N/A -	044025	N/A -	044032	N/A -	044033	N/A -	044034	N/A -
50	051381	N/A -	051382	N/A -	051383	N/A -	051389	N/A -	051390	N/A -	051391	N/A -
100	044026	N/A -	044027	N/A -	044028	N/A -	044035	N/A -	044036	N/A -	044037	N/A -

Amicon™ Pro ultrafiltration units

- Applications: affinity purification, antibody labelling, diafiltration, buffer exchange and sample clean-up
- Works with a wide range of resins
- Available in different sizes, with or without resin
- All-in-one device: all steps combined in one system
- Simple to use: one tank for recovery of eluate by reverse centrifugation
- Preserves the integrity of the sample
- Less contamination
- Preserves the activity of proteins

Recommended volumes	Min	Max
Lysate/Sample	250 µl	10 ml
Agarose resin	50 µl	200 µl
Elution volume	20 µl	200 µl



Exchange device
Large volume
Unique design that fits on an Amicon Ultra 0.5 ml
Allows for one-step buffer exchange

Amicon Ultra 0.5 ml
Powerful concentration
Undiluted elution
Soft diafiltration for the sample

Recovery tube
Large volume
Does not need to be emptied between 2 stages





Enter the Cat. No. on www.dulis.nl to see the Amicon™ Pro user's guide

Amicon™ Pro with an agarose resin tube with different devices

- Protein A or G
- Ni-NTA for histidine-tagged proteins
- GST for GST-tagged proteins
- The quantity of resin corresponds to that required for 12 experiments with an average bead volume of 200 µl

	Amicon™ Pro GST Reagent Kit		Amicon™ Pro and Ni-NTA Reagent Kit	
Threshold of kDa cut-off	Cat.No. 12 units	€ 12 units	Cat.No. 12 units	€ 12 units
3	057740	N/A -	-	-
10	057744	N/A -	-	-
30	-	-	057749	N/A -

Amicon™ Pro

- Sold in trial packs (packaging of 2 specially dedicated to tests), by 12 or by 24

Threshold of kDa cut-off	Cat. No. Trial pack	€ the Trial pack	Cat. No. 12 units	€ 12 units	Cat. No. 24 units	€ 24 units
3	057763	N/A -	057764	N/A -	057765	N/A -
10	057766	N/A -	057767	N/A -	057768	N/A -
30	057769	N/A -	-	-	057771	N/A -
50	057772	N/A -	057773	N/A -	057774	N/A -
100	-	-	057776	N/A -	057777	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Ultrafree MC - Ultrafree CL filtration tubes



Microfiltration on 2 ml microtubes. Durapore (PVDF) membrane.
For the removal of particles and precipitates from aqueous samples, ideal for use with nucleic acid and protein solutions.

	Ultrafree-MC	Ultrafree-CL
Max. Volume	500 µl	2 ml
Centrifugal force	12000 g	5000 g
Filtration area (cm²)	0.2	0.8
Centrifuge tube	Microtube 2 ml	Tube 15 ml
Dead volume	‹ 5 µl	‹ 10 µl
ø x W (mm)	10.6 x 45	16.3 x 77

Pores size (µm)	Colour		Ultrafree-MC	Ultrafree-CL
0.1	Orange	Cat. No.	051014	051027
		Units/box	25	25
		€/box	N/A -	N/A -
0.22	Yellow	Cat. No.	051015	051028
		Units/box	25	25
		€/box	N/A -	N/A -
0.45	Red	Cat. No.	051016	051029
		Units/box	25	25
		€/box	N/A -	N/A -
0.65	Violet	Cat. No.	051017	051030
		Units/box	25	25
		€/box	N/A -	N/A -
5	Dark Green	Cat. No.	051018	051031
		Units/box	100	25
		€/box	N/A -	N/A -

Centricon Plus-70 Centrifuge Filters



Centrifugal filtration units with Ultracel PL membrane (high recovery).

- **High recovery rate (› 90 %)**
- **For use in a 250 ml tube rotor with movable cups**

Applications

- **Concentration, purification, desalting of proteins**
- **Concentration and desalting of chromatographic eluates**
- **Concentration of monoclonal antibodies, viruses**
- **Clarification of cell homogenates**
- **Purification of cell lysates**

Initial maximum volume (ml)	70
Final concentrate volume (µl)	350
Centrifugal force	3500 g
Filtration area (cm²)	19
ø x W (mm)	60 x 121
Tube Format	250 ml

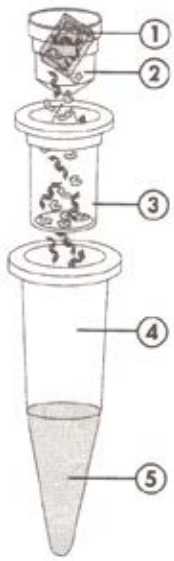
Cut-off point Da	Cat.No.	Units/ box	€/ box
10000	051555	8	N/A -
30000	051556	8	N/A -
100000	051557	8	N/A -

Gel Extraction DNA Assembly Kit



For DNA extraction from agarose gels
Tube for the recovery of 100 to 10 000 bp DNA fragments from agarose gels. The kit includes 50 DNA extraction microtubes and 500 ml of modified 50 x TAE buffer (0.1 mM EDTA instead of 1 mM EDTA).

- **Simple: just place a piece of gel in the nebuliser of the unit**
- **Fast: 10 minute centrifugation**
- **Fully functional DNA**
- **No further steps required**
- **Single use, avoids cross-contamination**
- **Ideal for use with radioactive samples**
- **2 ml microtube format: 10.6 x 45 mm**
- **filtration area: 0.2 cm²**
- **Centrifugal force: 5000 g**



Exploded view of an Ultrafree-DA:
1 - Gel
2 - Gel nebulizer
3 - Filter insert
4 - Microcentrifuge tube
5 - DNA

Cat. No.	Cat. No. Millipore	Description	Units/ box	€/ box
051343	LSKGEL050	Gel Extraction KiNC Assembly	50	N/A -

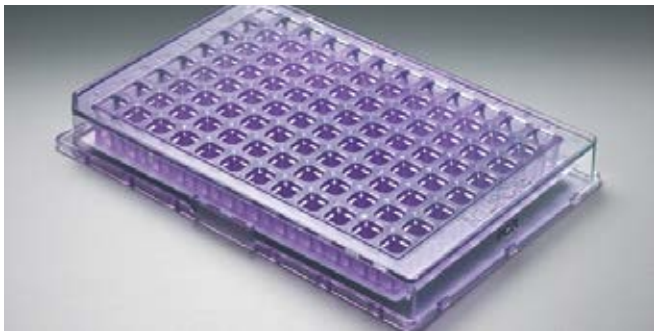
Multiscreen PCR

Purification of PCR products.
96-well plate with ultrafiltration membranes developed specifically for the purification of PCR products.
Used for applications such as sequencing, genotyping, microarray preparation and cloning applications.
Its 10-minute protocol (well loading, vacuum filtration, DNA resuspension) does not involve washing, solvents or salts and allows optimal sample recovery with high purity.

Percentage of recovery:

Pairs of recovery	Percentage bases
137 pb	70 %
301 pb	78 %
500 pb	› 90 %
1159 pb	› 90 %





Cat. No.	Cat. No. Merck Millipore	Description	Units/ box	€/ box
051001	MSNU03010	PCR Multiscreen Plate	10	**N/A -**
051002	MSNU03050	PCR Multiscreen Plate	50	**N/A -**
051621	MSVMHTS00	Filter holder HTS	1	**N/A -**
051738	LSKMPCR10	PCR Multiscreen Plate µ96	10	**N/A -**
051462	LSKMPCR50	PCR Multiscreen Plate µ96	50	**N/A -**

Miniprep assembly kit, Cleanup SEQ assembly kit

Cat. No.	Description	€ 24 units
051279	Miniprep assembly kit	**N/A -**
051282	Cleanup SEQ assembly kit	**N/A -**

Multiscreen Classic plate range (non-HTS format)

Pore size (µm)	Membrane	Plastic		Non-sterile 10 units	Non-sterile 50 units	Typical applications
0.45	Durapore (PVDF hydrophile)	Transparent	Cat. No. Merck Millipore	MAHVN4510	MAHVN4550	Approved for clinical diagnosis, protein kinase/phosphatase assays, sample preparation, removal of Dye Terminators.
			Cat. No.	**051004**	**051005**	
			€	**N/A -**	**N/A -**	



See page 1000 in the 'Filtration' section for the Multiscreen Classic range.

Wellvac vacuum filtration system

- **Simplifies and reduces the time required for nucleic acid purification**
- **Replaces the centrifugation steps, except for the final nucleic acid collection step**
- **Unique design allows use of both 96-well plates and columns**
- **Supplied complete with purification column adapter (24 positions), luer connectors, luer plugs and waste container**
- **Possibility to collect the effluent in a 1.2 l PES bottle**



Cat.No.	Description	€
886059	Wellvac 200	**N/A -**
886060	Wellvac 200 with Rocker 300 pump	**N/A -**

Accessories

Cat.No.	Description	€
886063	Luer connector for Wellvac 200 (pack of 25)	**N/A -**
886064	Luer plug for Wellvac 200 (pack of 25)	**N/A -**
886065	Deepwell tank 96 x 2 ml	**N/A -**
886066	1.2l PES waste tank bottle	**N/A -**
886068	Silicone tube 30 cm	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Sartorius Vivaflow filtration system

- **Crossflow filtration system easy to install and use: delivered with all its connections**
- **To be used with a variable speed peristaltic pump (200 to 400 ml/mn), type MASTERLEX**
- **Low dead volume**
- **Membrane suitable for the concentration of biological fluids**
- **High recovery rates**
- **Reliable and economical units**
- **Easy buffer changes with the diafiltration tank**

Vivaflow 50 filtration system



Ready-to-use, single-use ultrafiltration module, 50 cm2, suitable for volumes from 100 ml to 1 litre per cassette. Modular system with up to 6 cassettes to process samples of up to 5 litres or more.

Material:
- membrane: PES
- filter housing: polycarbonate
- circulation channels and membrane support: TPX (PMP)
- Sealing gasket: silicone
- pressure indicator: polypropylene / spring: stainless steel / body: acetal
- flow restrictor: polypropylene
- fittings: nylon
- tubes: PVC (medical grade)

- **L x W x H: 107 x 84 x 25 mm**
- **Active surface of the membrane: 50 cm²**
- **Minimum recovery volume: ‹ 10 ml**
- **Dead volume of the module: 1.5 ml**
- **Peristaltic pump flow rate: 200 to 400 ml/min**
- **Operating pressure: 1.5 to 3 bar**
- **Max. temperature: 60 °C**

Vivaflow 50 kit and accessories

Cat. No.	Description	€
147051	Complete kit with peristaltic pump, "Easy load" pump head for size 16 hoses, hoses, sample / diafiltration tank, module holder, pressure indicator, T-connectors, interconnector set	N/A -
147052	Easy Load pump head size 16	N/A -
147053	500 ml sample tank / diafiltration	N/A -
147054	Support for the use of 2 modules in parallel	N/A -
147055	Pressure indicator (0.5 - 3 bar)	N/A -
147056	PVC hoses size 16 (3 metres, 3.2 x 1.6 mm)	N/A -
147057	Set of 6 flow reducers (2 x 0.4 mm, 0.6 mm, 0.8 mm)	N/A -
147058	Female Luer fittings (10 units)	N/A -
147059	Interconnector set (6 units)	N/A -
147060	T-connectors for connecting 2 modules (2 units)	N/A -

Time (min) for 20-fold concentration at 3 bar inlet pressure and 20 °C

BSA 1 mg/ml (66 000 MW)	1 module Initial Volume 250 ml	3 modules Initial Volume 1 litre	% Yield Direct	% Yield With rinsing 10 ml
30 000 Dalton PES	22	32	92 %	99 %
50 000 Dalton PES	20	29	92 %	99 %

Vivaflow 50 modules (including pipes, fittings and flow reducer)

Cat. No.	Description	Units/ box	€/ box
147044	Vivaflow 50 Module - 3 000 Dalton PES	2	N/A -
147045	Vivaflow 50 Module - 5 000 Dalton PES	2	N/A -
147046	Vivaflow 50 Module - 10 000 Dalton PES	2	N/A -
147047	Vivaflow 50 Module - 30 000 Dalton PES	2	N/A -
147048	Vivaflow 50 Module - 50 000 Dalton PES	2	N/A -
147049	Vivaflow 50 Module - 100 000 Dalton PES	2	N/A -
147050	Vivaflow 50 Module - 0.2 µm PES	2	N/A -

Vivaflow 200 filtration system



200 cm² ready-to-use ultrafiltration unit with reusability.

- **L x W x H: 126 x 138 x 38 mm**
- **Active surface of the membrane: 200 cm²**
- **Minimum recovery volume: ‹ 20 ml**
- **Dead volume of the module: 5.3 ml**
- **Peristaltic pump flow rate: 200 to 400 ml/min**
- **Operating pressure: 1.5 to 4 bar**
- **Max. temperature: 60 °C**

A single cassette can process samples from 500 ml to 2.5 litres. Two cassettes in parallel will concentrate up to 5 litres or more.
Material:
- membrane: PES or Hydrosart® (regenerated, modified cellulose) filter body and flow channels: acrylic
- Membrane support: polypropylene
- Sealing gasket: silicone
- pressure indicator: polypropylene
- spring: stainless steel / body: acetal / flow restrictor: polypropylene
- fittings: nylon
- tubes: PVC (medical grade)

Time (min) for 20-fold concentration at 3 bar inlet pressure and 20 °C

BSA 1 mg/ml (66 000 MW)	Initial volume 1 litre	Average flow rate ml/mn	% yield Direct	% yield With rinsing 25 ml
30 000 Dalton PES	25	38	96 %	99 %
30 000 Dalton Hydrosart	20	48	96 %	› 99 %
50 000 Dalton PES	22	43	96 %	98 %

Cat. No.	Description	€
147028	Vivaflow 200 Module - 5 000 Dalton PES	N/A -
147061	Vivaflow 200 Module - 5 000 Dalton Hydrosart®	N/A -
147013	Vivaflow 200 Module - 10 000 Dalton PES	N/A -
147062	Vivaflow 200 Module - 10 000 Dalton Hydrosart®	N/A -
147063	Vivaflow 200 Module - 30 000 Dalton PES	N/A -
147064	Vivaflow 200 Module - 30 000 Dalton Hydrosart®	N/A -
147030	Vivaflow 200 Module - 50 000 Dalton PES	N/A -
147065	Vivaflow 200 Module - 100 000 Dalton PES	N/A -
147066	Vivaflow 200 Module - 0.2 µm PES	N/A -

Vivaflow 200 kit and accessories

Cat. No.	Description	€
147067	Complete kit with peristaltic pump, "Easy load" pump head for size 16 tubing, tubing, sample tank / diafiltration	N/A -
147052	Easy Load pump head size 16	N/A -
147068	Easy Load pump head size 15	N/A -
147053	500 ml sample / diafiltration tank	N/A -
147057	Set of 6 flow reducers (2 x 0.4 mm, 0.6 mm, 0.8 mm)	N/A -
147056	PVC hoses size 16 (3 metres, 3.2 x 1.6 mm)	N/A -
147069	PVC hoses size 15 (3 metres, 4.8 x 2.6 mm)	N/A -
147058	Female Luer fittings size 16 (10 pcs)	N/A -
147070	Female Luer fittings size 15 (10 pcs)	N/A -
147071	Y-connectors (2 size 15 outputs, 1 size 15 output)	N/A -

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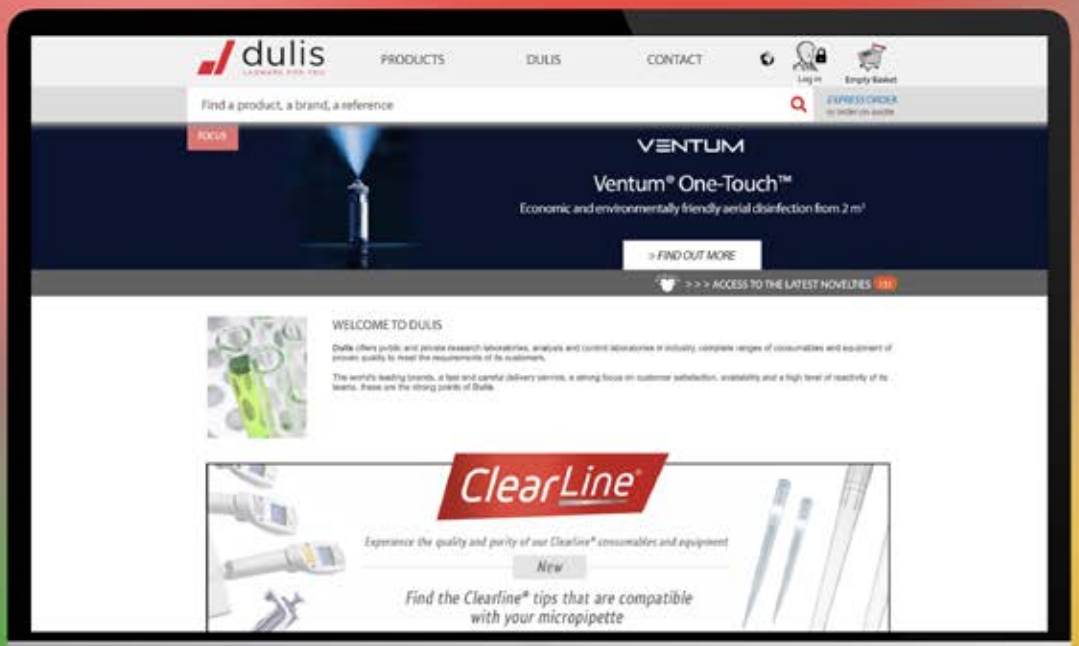
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Concentrators Vivaspin



	Vivaspin 500			Vivaspin 2									Vivaspin Turbo 4		
Max. sample volume (ml)	0.5			2									4		
Min. concentrator volume (µl)	5			8									30		
Filtration area (cm²)	0.5			1.2									3.2		
Max. concentration factor	x 100			x 250									x 133		
Dead volume	‹ 5 µl			‹ 10 µl									‹ 10 µl		
Type of centrifuge	All types with 2.2 ml tubes			All types with 15 ml tubes									All types with 15 ml tube		
Recommended centrifugal force*	3 - 15 000 g						2 - 8 000 g						4000 g		
Membrane Type **	PES			TAC			PES			RC HYDROSART®			Double PES membrane		
Tank Type	Polycarbonate			Polycarbonate			Polycarbonate			Polycarbonate			PP & butadiene-styrene		
Dalton	**Cat.No.**	**Units/ box**	**€/ box**	**Cat.No.**	**Units/ box**	**€/ box**	**Cat.No.**	**Units/ box**	**€/ box**	**Cat.No.**	**Units/ box**	**€/ box**	**Cat.No.**	**Units/ box**	**€/ box**
2000	-	-	-	-	-	-	-	-	-	**146685**	25	**N/A -**	-	-	-
2000	-	-	-	-		-	-	-	-	**146686**	100	**N/A -**	-	-	-
3000	**146635**	25	**N/A -**	-	-	-	**146660**	25	**N/A -**	**-**	-	-	**150494**	25	**N/A -**
3000	**146636**	100	**N/A -**	-		-	**146661**	100	**N/A -**	**-**	-	-	**150495**	100	**N/A -**
5000	**146637**	25	**N/A -**	**146654**	25	**N/A -**	**146662**	25	**N/A -**	**146687**	25	**N/A -**	**146693B**	25	**N/A -**
5000	**146638**	100	**N/A -**	**146655**	100	**N/A -**	**146663**	100	**N/A -**	**146688**	100	**N/A -**	**146694B**	100	**N/A -**
10000	**146639**	25	**N/A -**	**146656**	25	**N/A -**	**146664**	25	**N/A -**	**146689**	25	**N/A -**	**146695B**	25	**N/A -**
10000	**146640**	100	**N/A -**	**146657**	100	**N/A -**	**146665**	100	**N/A -**	**146690**	100	**N/A -**	**146696B**	100	**N/A -**
20000	**-**	-	**-**	**146658**	25	**N/A -**	-	-	-	-	-	-	-	-	-
20000	**-**	-	**-**	**146659**	100	**N/A -**	-	-	-	-	-	-	-	-	-
30000	**146641**	25	**N/A -**	**-**	**-**	**-**	**146666**	25	**N/A -**	**146691**	25	**N/A -**	**146697B**	25	**N/A -**
30000	**146642**	100	**N/A -**	**-**	**-**	**-**	**146667**	100	**N/A -**	**146692**	100	**N/A -**	**146698B**	100	**N/A -**
50000	**146643**	25	**N/A -**	**-**	**-**	**-**	**146668**	25	**N/A -**	**-**	-	-	**146699B**	25	**N/A -**
50000	**146644**	100	**N/A -**	**-**	**-**	**-**	**146669**	100	**N/A -**	**-**	-	-	**146700B**	100	**N/A -**
100000	**146645**	25	**N/A -**	**-**	**-**	**-**	**146670**	25	**N/A -**	**-**	-	-	**146701B**	25	**N/A -**
100000	**146646**	100	**N/A -**	**-**	**-**	**-**	**146671**	100	**N/A -**	**-**	-	-	**146702B**	100	**N/A -**
300000	**146647**	25	**N/A -**	**-**	**-**	**-**	**146672**	25	**N/A -**	**-**	-	-	-	-	-
300000	**146648**	100	**N/A -**	**-**	**-**	**-**	**146673**	100	**N/A -**	**-**	-	-	-	-	-
1000000	**146649**	25	**N/A -**	**-**	**-**	**-**	**146674**	25	**N/A -**	**-**	-	-	-	-	-
1000000	**146650**	100	**N/A -**	**-**	**-**	**-**	**146675**	100	**N/A -**	**-**	-	-	-	-	-
0.2 µm	**146651**	25	**N/A -**	**-**	**-**	**-**	**146676**	25	**N/A -**	**-**	-	-	-	-	-
0.2 µm	**146652**	100	**N/A -**	**-**	**-**	**-**	**146677**	100	**N/A -**	**-**	-	-	-	-	-
Starter kit***	**146653**	25	**N/A -**	**-**	**-**	**-**	**146678**	25	**N/A -**	**-**	-	-	-	-	-

* Depending on membrane type and cut-off ** TAC: cellulose triacetate, RC: Regenerated cellulose, PES: Polyethersulfone
*Kit including 5 Vivaspin of each of the following cut-offs: 5, 10, 30, 50, 100 kDa

Suitable for concentration, purification and desalting of biological solutions, removal of primers, amino acids and nucleotides.

- **Large filtration area for excellent flow and fast concentration**
- **Low retention materials and anti-drying system for maximum recovery**
- **Sloped diaphragms parallel to the centrifugal force for higher efficiency without clogging**
- **High concentration factor: 100 to 400 fold**

Vivaspin Turbo 4 and 15:

Double membrane system for increased concentration speed

Vivaspin 20:

Double membrane system, ensuring increased concentration speed. Can be used for centrifugation and/or with pressure via the optional pressurizable cap. Combined pressure/centrifugation particularly suitable for viscous samples (sera) or low temperature samples

Vivaspin 20 - accessories

Cat. No.	Description	Units/ box	€/ box
146763	Diafiltration tank	12	**N/A -**
146764	Vivaspin 20 pressurizable head	1	**N/A -**
146765	Pressure Controller (APC) - including gauge, safety valve, male and female connection, compatible with other Vivascience pressurisable products	1	**N/A -**

Cat. No.	Description	Units/ box	€/ box
146767	Female connector	1	**N/A -**
146768	Male connector	1	**N/A -**
146769	Tube ø4 mm (3 cm)	1	**N/A -**

Vivaspin Concentrators continued







	Vivaspin 6			Vivaspin Turbo 15			Vivaspin Turbo 15R			Vivaspin Turbo 15RC			Vivaspin 20		
Max. sample volume (ml)	6			4 to 15			15			4 to 15			20		
Min. concentrator volume (µl)	30			100			30			100			50		
Filtration area (cm²)	2.5 cm²			7.2 cm²			3.9 cm²			8.1			6 cm²		
Max. concentration factor	x 200			x 150			x 500			x 150			x 400		
Dead volume	‹ 10 µl			‹ 10 µl			‹ 20 µl			‹ 10 µl			‹ 20 µl		
Type of centrifuge	All types with 15 ml tubes			All types with 50 ml tubes			All types with 50 ml tubes			All types with 50 ml tubes			All types with 50 ml tubes		
Recommended centrifugal force*	3 - 8 000 g			4000 g			1.5 - 6 000 g			4000 g			1.5 - 6 000 g		
Membrane Type **	PES			Double PES membrane			RC HYDROSART			Regenerated cellulose			Double PES membrane		
Tank Type	Polycarbonate			PP & butadiene-styrene			Polycarbonate			PP & butadiene-styrene			Polycarbonate		
Dalton	**Cat.No.**	**Units/ box**	**€/ box**	**Cat.No.**	**Units/ box**	**€/ box**	**Cat.No.**	**Units/ box**	**€/ box**	**Cat.No.**	**Units/ box**	**€/ box**	**Cat.No.**	**Units/ box**	**€/ box**
2000	-	-	-	-	-	-	**146736**	12	**N/A -**	-	-	-	-	-	-
2000	-	-	-	-	-	-	**146737**	48	**N/A -**	-	-	-	-	-	-
3000	-	-	-	**150205**	12	**N/A -**	-	-	-	-	-	-	**146744**	12	**N/A -**
3000	-	-	-	**150206**	48	**N/A -**	-	-	-	-	-	-	**146745**	48	**N/A -**
5000	**146706**	25	**N/A -**	**150207**	12	**N/A -**	**146738**	12	**N/A -**	-	-	-	**146746**	12	**N/A -**
5000	**146707**	100	**N/A -**	**150208**	48	**N/A -**	**146739**	48	**N/A -**	**147091**	48	**N/A -**	**146747**	48	**N/A -**
10000	**146708**	25	**N/A -**	**150209**	12	**N/A -**	**146740**	12	**N/A -**	-	-	-	**146748**	12	**N/A -**
10000	**146709**	100	**N/A -**	**150210**	48	**N/A -**	**146741**	48	**N/A -**	-	-	-	**146749**	48	**N/A -**
30000	**146710**	25	**N/A -**	**150211**	12	**N/A -**	**146742**	12	**N/A -**	-	-	-	**146750**	12	**N/A -**
30000	**146711**	100	**N/A -**	**150212**	48	**N/A -**	**146743**	48	**N/A -**	-	-	-	**146751**	48	**N/A -**
50000	**146712**	25	**N/A -**	**150213**	12	**N/A -**	-	-	-	**147096**	12	**N/A -**	**146752**	12	**N/A -**
50000	**146713**	100	**N/A -**	**150214**	48	**N/A -**	-	-	-	**147097**	48	**N/A -**	**146753**	48	**N/A -**
100000	**146714**	25	**N/A -**	**150215**	12	**N/A -**	-	-	-	**147098**	12	**N/A -**	**146754**	12	**N/A -**
100000	**146715**	100	**N/A -**	**150216**	48	**N/A -**	-	-	-	-	-	-	**146755**	48	**N/A -**
300000	**146716**	25	**N/A -**	-	-	-	-	-	-	-	-	-	**146756**	12	**N/A -**
300000	**146717**	100	**N/A -**	-	-	-	-	-	-	-	-	-	**146757**	48	**N/A -**
1000000	**146718**	25	**N/A -**	-	-	-	-	-	-	-	-	-	**146758**	12	**N/A -**
1000000	**146719**	100	**N/A -**	-	-	-	-	-	-	-	-	-	-	-	-
0.2 µm	**146720**	25	**N/A -**	-	-	-	-	-	-	-	-	-	**146760**	12	**N/A -**
0.2 µm	**146721**	100	**N/A -**	-	-	-	-	-	-	-	-	-	**146761**	48	**N/A -**
Starter kit***	**146722**	5 x 5	**N/A -**	-	-	-	-	-	-	-	-	-	**146762**	2 x 6	**N/A -**

* Depending on the membrane type and the cut-off point
*TAC: cellulose triacetate, RC: Regenerated cellulose, PES: Polyether sulphone
*Kit includes 5 Vivaspins (except Vivaspin 20 kit, comprising 2 Vivaspins) of each of the following cut-offs: 5, 10, 30, 50, 100 kDa (and 0.2µm for Vivaspin 20 kit)

Vivacon 500 and 2 Ultrafiltration system for DNA concentration

- **Horizontal membrane design**
- **Concentration of diluted DNA samples with high yields (+90%) thanks to the Hydrosart® membrane**
- **Re-spin for quantitative recovery of concentrate: easy to remove re-spin cap**
- **Vivacon 2: suitable for standard rotors for 15 ml Falcon tubes**
- **Vivacon 500: suitable for standard rotors for 2.2 ml centrifuge tubes**

	Vivacon 500				Vivacon 2			
Threshold of cut	**Cat. No. 25 units**	**€ 25 units**	**Cat. No. 100 units**	**€ 100 units**	**Cat. No. 25 units**	**€ 25 units**	**Cat. No. 100 units**	**€ 100 units**
2 000	**150166**	**N/A -**	**150167**	**N/A -**	**150176**	**N/A -**	**150177**	**N/A -**
10 000	**150168**	**N/A -**	**150169**	**N/A -**	**150178**	**N/A -**	**150179**	**N/A -**
30 000	**150170**	**N/A -**	**150171**	**N/A -**	**150180**	**N/A -**	**150181**	**N/A -**
50 000	**150172**	**N/A -**	**150173**	**N/A -**	**150182**	**N/A -**	**150183**	**N/A -**
100 000	**150174**	**N/A -**	**150175**	**N/A -**	**150184**	**N/A -**	**150185**	**N/A -**





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Spin-X Corning®Concentrators



3 volumes to choose from, 5 retention thresholds
Vertical membrane and fine channel filtration chamber, minimising membrane saturation and allowing rapid filtration, even for particle-laden solutions.

Concentrator	Spin-X UF 500		Spin-X UF 6		Spin-X UF 20	
Max. sample volume (ml)	0.5		6		20	
Min. volume of concentrate (µl)	5		30		50	
Filtration area (cm²)	0.5		2.5		6	
Max. concentration factor	x 100		x 200		x 400	
Dead volume (µl)	‹ 5		‹ 10		‹ 20	
Total height (mm)	50		122		116	
Total Ø (mm)	11		17		30	
Max. recommended acceleration (fixed angle) (g)	15000		10000		8000	
Membrane type	Polyethersulfone		Polyethersulfone		Polyethersulfone	
Type of tank	Polycarbonate		Polycarbonate		Polycarbonate	
Cut-off point MWCO	**Cat.No.**	**€ 25 units**	**Cat.No.**	**€ 25 units**	**Cat.No.**	**€ 12 units**
5 kDa	431477	N/A -	431482	N/A -	431487	N/A -
10 kDa	431478	N/A -	431483	N/A -	431488	N/A -
30 kDa	431479	N/A -	431484	N/A -	431489	N/A -
50 kDa	431480	N/A -	431485	N/A -	431490	N/A -
100 kDa	431481	N/A -	431486	N/A -	431491	N/A -

- **Built-in shut-off threshold, avoiding filtering to dryness**
- **Graduated tube with retention threshold display**



Enter the Cat. No. on www.dulis.nl to see the Corning Filtration guide.

ClearSpin filtration microtubes







- **2 ml dolphin nose microtubes with an insert including a filtration membrane**
- **Supplied assembled, caps closed**
- **Working volume: 500 µl**
- **Cellulose acetate or nylon membrane**
- **Max centrifugal speed: 16000 g**

Human DNA · Pyro-genic · DNase RNase

ClearLine®

Membrane	Cellulose acetate			Nylon
Porosity (µm)	0.22		0.45	0.22
Sterile	No	Yes	Yes	No
Units/bag	25 tubes + inserts	24 tubes + inserts	24 tubes + inserts	100 tubes + inserts
Cat. No.	**007856ACL**	**007857ACL**	**007859ACL**	**007860ACL**
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**

ClearSpin insert only without tube or membrane

Cat. No.	Description	Units/ bag	€/ bag
007862CL	ClearSpin insert only without tube or membrane	1000	N/A -



UPrep filter tubes and columns

UPrep and UPrep Micro centrifuge tubes

- For plasmid preparation in mini-preps, gel extraction, or cleaning of PCR elements
- Triple-layer silica gel membrane with selective adsorption according to ionic conditions
- Supplied with 2 ml microtubes
- Kits supplied complete with all reagents supplied with the kits
- Can be used with 2 ml dolphin nose microtubes (Cat.No. 027270), for better sample recovery





Cat.No.	Model	Cap	Max. purif. (µg)	Min. elution volume (µl)	Capacity (µl)	Units/ box	€/ box
789068	UPrep	No	25	25	900	50	N/A -
789293	UPrep	Yes	25	25	900	50	N/A -
789294	UPrep Micro	No	5	6	800	50	N/A -

UPrep Midi and Maxi anion exchange elution columns

- For plasmid kits preparation from existing kits

Cat.No.	Model	Purif. Qty. (µg)	Capacity (ml)	Units/ box	€/ box
789207	UPrep Midi	20 - 100	12.5	10	N/A -
789208	UPrep Maxi	100 - 500	22	10	N/A -

Corning® Spin-X centrifuge tubes with membrane filter

- Cellulose acetate or nylon membrane
- Ideal for the recovery of bacteria, particles and cells
- Ideal for sample preparation for HPLC and DNA recovery from agarose and acrylamide gels



Cat. No.	Volume (ml)	Membrane	Threshold limit (µm)	Sterile	Units/ box	€/ box
008160	2	AC	0.22	Yes	96	N/A -
008161	2	AC	0.22	No	100	N/A -
008162	2	AC	0.45	Yes	96	N/A -
008163	2	AC	0.45	No	100	N/A -
008169	2	Nylon	0.22	No	200	N/A -
008170	2	Nylon	0.45	No	200	N/A -

Membraspin Mini Centrifuge Filter

For biological sample preparation, concentration and desalting.
Supplied assembled in a 2 ml microtube with cap attached. The insert fits perfectly into the microtube, allowing closed cap centrifugation.

- Porosity 0.22 µm
- Volume in the insert: 500 µl / Dead volume: 5 µl
- For centrifuging in swing or fixed angle rotors
- Max centrifugal speed: 15000 g
- Membrane in non-sterile PES

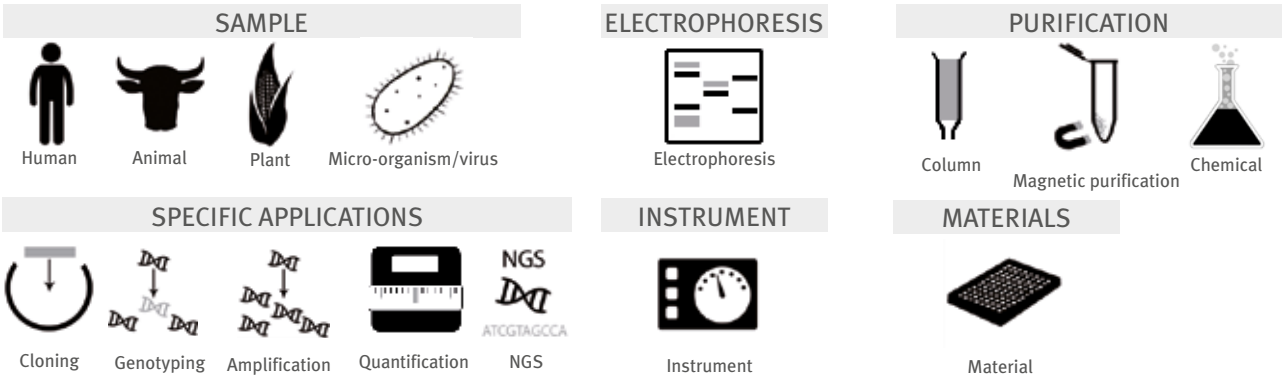


Cat. No.	Description	Units/ box	€/ box
088917	Membraspin Mini Centrifuge Filter	50	N/A -

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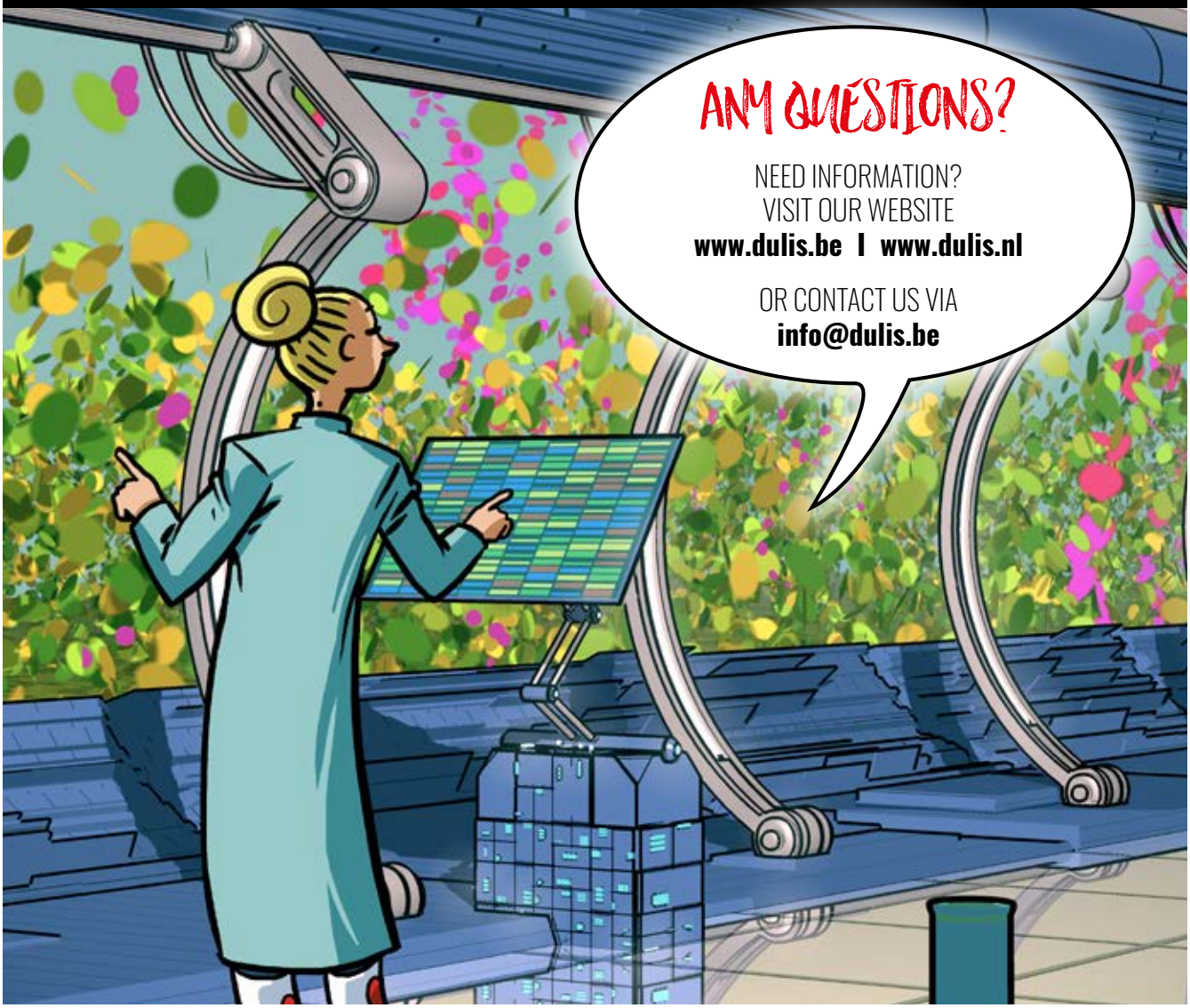
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or by email **veronique.vandenbossche@dulis.be**



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DNA-ExitusPlus and DNA-ExitusPlus IF - RNase-ExitusPlus



DNA-ExitusPlus

For decontamination in 10 minutes at temperatures of 20 °C or above. For the decontamination of surfaces, equipment, plastics and glassware as well as pipettes. Simply apply the product to the surfaces to be decontaminated or dip the containers in the decontaminant. Instructions for use supplied with the product. Based on bio-degradable compounds. Incorporates a coloured indicator to identify the treated surface before wiping (IF version without indicator).

DNA-ExitusPlus

Volume	100 ml	500 ml	1 l	2.5 l
Spray bottle	049918	049920	-	-
€	N/A -	N/A -	-	-
Flask	-	-	049922	049923
€ HT	-	-	N/A -	N/A -

DNA-ExitusPlus IF

Volume	100 ml	500 ml
Spray bottle	049927	049929
€	N/A -	N/A -

RNase-ExitusPlus

Non-alkaline, non-corrosive, non-carcinogenic, highly active cleaning solution for RNase contamination. Stable for about 18 months and heat resistant. Biodegradable, non-toxic compounds. Mineral acids and alkaline substances that are not harmful to equipment even after long incubation times. A temperature of about 50 °C will increase the reaction rate. Store at room temperature.

Volume	500 ml	1 l	2.5 l
Spray bottle	049912	-	-
€	N/A -	-	-
Flask	-	049914	049915
€	-	N/A -	N/A -



Enter Cat. No. at www.dulis.nl to compare DNA Exitus Plus to other reagents.

RNase Away and DNA Away



Remove all traces of RNase and DNA!

RNase Away

Ready to use, RNase Away solution avoids any risk of RNase contamination. In spray bottle or bottle.

DNA Away

To remove all traces of DNA from PCR workstations, benches and equipment. Ready to use.

RNase Away spray bottle and flask

Description	Spray bottle 475 ml	Bottle 250 ml	Bottle 1 litre	Flask 4 litres
Cat. No	038184	038185	038186	038187
€	N/A -	N/A -	N/A -	N/A -

DNA Away bottle

Cat. No.	Description	€
038188	250 ml bottle of DNA Away	N/A -

Decontaminant DNADecon



- **Highly effective decontamination solution for the removal of DNA and RNA contamination from surfaces, instruments and laboratory equipment**
- **Ideal for decontamination of PCR workplaces**
- **Can also be used for decontamination of electrophoresis chambers, pipettes, reaction tubes, etc.**

Advantages: ready to use, non-alkaline, non-carcinogenic

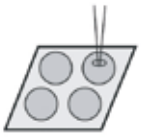
Cat. No.	Description	€
215445	250 ml Spray bottle	N/A -
215446	500 ml Refill	N/A -

Qiacard: Qiacard FTA Kit for collect transport, storage and extraction of nucleic acids

Qiacard FTA is a card impregnated with a patented chemistry: when a biological sample is deposited on the FTA, this chemistry lyses the cells and denatures the proteins, while the nucleic acids are extracted and protected in the paper fibres.
The FTA card can be transported at room temperature to the laboratory or can be stored at room temperature for later analysis.

- For various samples: blood, cell cultures, oral cells, plant material, bacteria, plasma
- Storage at room temperature or in the freezer for unstable samples (RNA)
- Available with colour indicator, the deposit area changes colour to facilitate the location of the sample, recommended for colourless samples
- Nucleic acids ready for downstream application in less than 30 minutes
- Prevents the growth of bacteria and fungi
- Protects nucleic acids from environmental degradation
- Reduces the possibility of cross-contamination between samples
- Nucleic acid storage time: 17 years





Apply the sample and let it dry



Cutting a disc from the deposit area



Place the disc in a PCR tube and wash 3 times with the purification reagent - discard the reagent after each wash



Wash twice with TE-1 buffer (10 mM Tris, 0.1 mM EDTA, pH 8) and discard the used buffer after each wash



Dry the disc in the PCR tube



Add the PCR mix directly and amplify

Qiacard FTA

Cat. No.	Description	Max. sample volume (µl) / circle	Number of circles/ unit	Units/ box	€/ box
037067	QIAcard FTA Micro	125	1	25	N/A -
036370	QIAcard FTA Micro	125	1	100	N/A -
WB120355	QIAcard FTA Mini	125	2	25	N/A -
036388	QIAcard FTA Mini	125	2	100	N/A -
036745	QIAcard FTA Classic	125	4	25	N/A -
036387	QIAcard FTA Classic	125	4	100	N/A -
036403	QIAcard FTA Gene	75	3	100	N/A -

Qiacard FTA with indicator

WB120311	QIAcard FTA Micro with indicator	125	1	25	N/A -
036372	QIAcard FTA Micro with indicator	125	1	100	N/A -
034987	QIAcard FTA Mini with indicator	125	2	25	N/A -
036375	QIAcard FTA Mini with indicator	125	2	100	N/A -
036749	QIAcard FTA Classic with indicator	125	4	25	N/A -
036360	QIAcard FTA Classic with indicator	125	4	100	N/A -

Qiacard FTA CloneSaver

- For purification of plasmid DNA and bacterial DNA
- With colour indicator
- Storage time of plasmid DNA: 4 years

036367	QIAcard FTA CloneSaver	5	96	5	N/A -

Qiacard FTA for plant samples

036778	QIAcard FTA PlantSaver	-	-	100	N/A -

FTA Elute Kit

- FTA kit for collection, transport, storage and extraction of DNA at room temperature
- 12-40 µl per sample collected

036615	QIAcard FTA Elute Micro	40	4	25	N/A -
036820	QIAcard FTA Elute Micro	40	4	100	N/A -
610003	QIAcard FTA Elute Micro with indicator	40	1	25	N/A -
037069	QIAcard FTA Elute Micro with indicator	40	1	100	N/A -

QIAcard FTA DMPK

- Blood, plasma, urine or cerebrospinal fluid samples
- FTA DMPK-A and FTA DMPK-B cards lyse cells and denature proteins.
- The FTA DMPK-C card is not impregnated with chemicals and does not denature proteins, suitable for protein-based biomolecules and antibody studies
- Only 10 - 20 µl of sample

037164	QIAcard FTA DMPK-A	10 - 20	3	100	N/A -
037195	QIAcard FTA DMPK-B	10 - 20	3	100	N/A -
037157	QIAcard FTA DMPK-C	10 - 20	3	100	N/A -
610006	Rack pour 20 QIAcards FTA DMPK	-	-	25	N/A -

QIAcard Bloodstain

- Non-indicator and non-FTA treated card, for collection, short term handling of samples
- Samples of blood or other body fluids

036401	QIAcard Bloodstain	125	4	100	N/A -

FTA purification reagents and accessories

Cat. No.	Description	Units/ box	€/ box
WB120112	QIAcard FTA Wash Buffer, 25 ml	1	N/A -
036374	QIAcard FTA Wash Buffer, 500 ml	1	N/A -
036368	Resealable multi-barrier pouch for CloneSaver 17.8 x 18.7 cm	50	N/A -
610004	Transparent multi-barrier pouch 9.5 x 7.6 cm	100	N/A -
610005	Multi-barrier pouch 10.1 x 11.4 cm	100	N/A -
036398A	Multi-barrier pouch 8 x 7 cm	100	N/A -
036376A	Multi-barrier pouch 9 x 15 cm	100	N/A -
036399	Desiccant 1g moisture indicator	1000	N/A -
WB100032	Swab with foam head for collection of oral samples, sterile	100	N/A -
036396A	Swab with brush-like ejector head for taking oral samples, sterile	100	N/A -
WB100073	Biopsy punch 1 mm	25	N/A -
WB100074	Biopsy punch 1.2 mm	25	N/A -
037223	Biopsy punch 2 mm	25	N/A -
037227	Biopsy punch 3 mm	25	N/A -
037171	Biopsy punch 6 mm	25	N/A -
WB100088	Cutting mat 6.3 x 7.6 cm	1	N/A -
036394	Cutting mat 15.2 x 20.3 cm	1	N/A -
036415	Kit including 4 x 1.2 mm biopsy punches and 2 cutting mats	1	N/A -
034988	Kit including 4 biopsy punches 2 mm and 2 cutting mats	1	N/A -
036826	Kit including 4 biopsy punches 3 mm and 2 cutting mats	1	N/A -
036899	Kit including 4 biopsy punches 6 mm and 2 cutting mats	1	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Card for collection, transport and storage of samples

For various samples: blood, plasma, oral cells, cell cultures, bacteria, urine, tissue lysate, liquid biopsy, purified DNA

Available in two colours:

- white for easily identifiable samples, such as blood
- pink for colourless samples





Cat. No.	Description	Colour	Max. sample volume (µl) / circle	Number of circles / unit	Units/ box	Features	€/ box
175247	GenSaver 2.0	White	5	96	50	Preservation of nucleic acids at room temperature for up to 20 years, eliminates the risk of biological contamination of samples	N/A -
175248					100		N/A -
175249			125	4	100		N/A -
175250				2	100		N/A -
175251				1	100		N/A -
175252	GenSaver 2.0	Pink	5	96	50	Preservation of nucleic acids at room temperature for up to 20 years, eliminates the risk of biological contamination of samples	N/A -
175253					100		N/A -
175254			125	4	100		N/A -
175255				2	100		N/A -
175256				1	100		N/A -
175257	GenReleaz 2.0	White	125	4	100	Rapid collection, transport, storage and extraction of DNA at room temperature, storage of nucleic acids at room temperature for up to 20 years	N/A -
175258				2	100		N/A -
175259				1	100		N/A -
175260	GenReleaz 2.0	Pink	125	4	100	Rapid collection, transport, storage and extraction of DNA at room temperature, storage of nucleic acids at room temperature for up to 20 years	N/A -
175261				2	100		N/A -
175262				1	100		N/A -
175263	AutoCollect	White	20	4	100	Sample storage for mass spectrometry analysis, for automated sample analysis, 2 years of nucleic acid storage	N/A -
175264	AutoCollect	Pink	10	4	100		N/A -
175265	AutoCollect with barcode	White	20	4	100		N/A -
175266	Biological samples RUO	White	70	5	100	In pure absorbent fibres, for storage and subsequent analysis of proteins or nucleic acids	N/A -
175267	RUO biological samples with perforations				100		N/A -
175268	CE biological samples with perforations				100		N/A -
175269	RUO card without perforations	White	70	5	100	In pure absorbent fibres, for storage and subsequent analysis of proteins or nucleic acids	N/A -
175270	CE card without perforations				100		N/A -
175271	Card with no perforations				100		N/A -

Accessoire

Cat. No.	Description	Units/ box	€/ box
175272	Drying rack	10	N/A -

Molecular biology grade agarose powder



- Ultra pure agarose with low background noise
- Easy to dissolve
- Can be used in low concentrations (0.75 - 2%)
- Ideal for the separation of fragments from 250 bp to 25 kb
- Gel strength: < 1000 g/cm (1 %), > 2000 g/cm (1.5 %)
- Clarity: < 4 NTU

Cat. No.	Description	€
523277	Agarose 100 g	N/A -
523278	Agarose 500 g	N/A -



Enter the Cat. No. on www.dulis.nl
to find the Agarose selection guide

Basic agarose

- Used for the separation of DNA and RNA fragments at concentrations ranging from 0.8 to 2%

Cat. No.	Description	€
348376	Agarose 500 g	N/A -

Agarose

Cat. No.	Type	Applications	Flask	€
4905008	High.melting temp./ medium.resol..	Standard on DNA	25 g	N/A -
4905009	High. melting temp./ medium. resol..	Standard on DNA	500 g	N/A -



Agarose selection guide

Type	EEO	Gel strength (g/cm²)	Features: Geling temperature	Features: Melting temperature	Features: Fragment size for analytical separation (bp)	Applications	Packaging: 50 g Cat. No.	50 g €	100 g Cat. No.	100 g €	250 g Cat. No.	250 g €	500 g Cat. No.	500 g €	1000 g Cat. No.	1000 g €
D1 Low EEO	0.05 - 0.13	≥ 1200 (1 %)	36± 1.5 °C (1.5 %)	88 ± 1.5 °C (1.5 %)	≥ 1000	High quality, low electroendosmosis agarose for nucleic acid electrophoresis	-	-	777001	N/A -	777002	N/A -	777003	N/A -	777004	N/A -
D1 Medium EEO	0.16 - 0.19	≥ 1000 (1 %)				Medium electroendosmosis agarose for counter current electrophoresis, antibodies, serum and immunoelectrophoresis	778603	N/A -	777008	N/A -	777009	N/A -	777010	N/A -	777011	N/A -
D1 High EEO	0.23 - 0.26	≥ 750 (1 %)				High electroendosmosis agarose for protein separation and countercurrent electrophoresis	778606	N/A -	777012	N/A -	777013	N/A -	777014	N/A -	777015	N/A -
D1 LE GQT	0.05 - 0.13	≥ 1200 (1%)				Genetic engineering grade agarose tested for in-gel applications	778604	N/A -	777005	N/A -	777006	N/A -	777007	N/A -	778508	N/A -
D2	≤ 0.14	≥ 900 (1 %)	42 ± 1.5 °C (1.5 %)	87 ± 1.5 °C (1.5 %)	≥ 1000	Agarose with high thermal stability and high melting temperature for derivatisation, cross-linking or coupling of enzymes, antigens or other substances to the gel structure	778607	N/A -	777016	N/A -	777017	N/A -	777018	N/A -	778509	N/A -
D5	≤ 0.12	≥ 1800 (1 %)	36 ± 1.5 °C (1.5 %)	88 ± 1.5 °C (1.5 %)	≥ 1000	High gel strength agarose for blotting, pulsed field electrophoresis	778602	N/A -	777019	N/A -	777020	N/A -	777021	N/A -	778510	N/A -
FP DNA	≤ 0.13	≥ 1400 (1 %)	36 ± 1.5 °C (1.5 %)	88 ± 1.5 °C (1.5 %)	≥ 1000	Agarose for applications requiring the best batch-to-batch reproducibility in terms of quality and performance, ideal for forensics and quality control	778601	N/A -	777022	N/A -	777023	N/A -	777024	N/A -	778515	N/A -
E	NC	≥ 1000 (1 %)	36 ± 1.5 °C (1.5 %)	88 ± 1.5 °C (1.5 %)	250-23 kb	Standard agarose for routine electrophoresis	778565	N/A -	778566	N/A -	778519	N/A -	778567	N/A -	777531	N/A -
LM	≤ 0.12	≥ 500 (1.5 %)	≤ 24-28 °C (1.5 %)	≤ 65 °C (1.5 %)	≥ 1000	Agarose for high resolution electrophoresis, very low melting and gelling temperature, fragment up to 1000 bp	777025	N/A -	777026	N/A -	777027	N/A -	777028	N/A -	778511	N/A -
LM GQT	≤ 0.12	≥ 500 (1.5 %)	≤ 24-28 °C (1.5 %)	≤ 65 °C (1.5 %)	≥ 1000	Agarose qualified for in-gel applications (genetic quality), very low melting and gelling temperature, fragments up to 1000 bp	777029	N/A -	777030	N/A -	777031	N/A -	778600	N/A -	778516	N/A -
LM SIEVE	≤ 0.10	≥ 1000 (4 %)	≤ 35 °C (4 %)	≤ 65 °C (4 %)	≥ 1000	Agarose for high resolution electrophoresis, very low melting and gelling temperature, fragments up to 1000 bp, tested for in-gel applications	777032	N/A -	777033	N/A -	777034	N/A -	777035	N/A -	778517	N/A -
NOVAGEL GQT	≤ 0.13	≥ 800 (4 %)	≤ 35 °C (4 %)	≤ 65 °C (4 %)	50-1000	Agarose qualified for in-gel applications (genetic engineering grade), very low melting and gelling temperature, fragments from 50 to 1000 bp	777036	N/A -	777037	N/A -	777038	N/A -	777039	N/A -	778518	N/A -
MS4	≤ 0.12	≥ 500 (3 %)	≤ 31 °C (3 %)	≤ 76 °C (3 %)	150-500	Agarose for high resolution electrophoresis, for the separation of very small nucleic acid fragments (primers) and up to 500 bp	777046	N/A -	777047	N/A -	777048	N/A -	777049	N/A -	778514	N/A -
MS6	≤ 0.12	≥ 800 (3 %)	≤ 35 °C (3 %)	≤ 75 °C (3 %)	≤ 1000	Agarose for high resolution electrophoresis, small DNA fragments and PCR products	777050	N/A -	777051	N/A -	777052	N/A -	777053	N/A -	778507	N/A -
MS8	≤ 0.12	≥ 600 (1.5 %)	≤ 35 °C (3 %)	≤ 80 °C (3 %)	≤ 1000	Agarose for high resolution electrophoresis, fragments up to 1000 bp	777054	N/A -	777055	N/A -	777056	N/A -	777057	N/A -	778512	N/A -
MS12	≤ 0.12	≥ 2000 (1.5 %)	≤ 40.5 °C (4 %)	≤ 93 °C (4 %)	50-1500	Agarose for high resolution electrophoresis, fragments up to 1500 bp	777058	N/A -	777059	N/A -	777060	N/A -	777061	N/A -	778513	N/A -

Agarose

Agarose tablets

- Low electroendosmosis (EEO) agarose for rapid DNA or RNA separations
- Suitable for gels from 0.75% to 2% and fragment separations from 250 bp to 23 kb
- Initial dissolution of the pellet for 2 min at room temperature
- Provides time savings and reproducibility for the production of gels

Cat. No.	Description	Units/ box	€/ box
523275B	Agarose tablet	100	N/A -



Agarose tablets with or without TAE/TBE buffer and Midori Green Advance

- Tablet sufficient for 50 ml of 1% agarose gel, with or without TAE/TBE buffer, pre-stained with Midori Green Advance
- Tablet to be dissolved in ultrapure water before microwave heating
- All-in-one solution, time saving and reproducibility in gel preparation
- Midori Green Advance is a non-carcinogenic alternative to ethidium bromide for nucleic acid labelling
- Storage at room temperature

Cat. No.	Description	€
523393	75 agarose tablets, TBE and Midori Green Advance	N/A -
523406	75 agarose tablets, TAE and Midori Green Advance	N/A -
523407	100 agarose tablets and Midori Green Advance	N/A -



Agarose tablets, TAE or TBE buffer and clear G

- For routine DNA and RNA electrophoresis, blotting compatible gels
- Tablet sufficient for 50 ml of 1% agarose gel in TAE or TBE buffer, pre-stained with Clear G
- Tablet to be dissolved in ultrapure water before microwave heating
- All-in-one solution, time saving and reproducibility in gel preparation
- Storage at room temperature

Clear G is a non-carcinogenic alternative to ethidium bromide for nucleic acid labelling (UV or blue light excitation).

Cat. No.	Description	€
215413	Agarose tablets, TAE buffer and Clear G - box of 75	N/A -
215414	Agarose tablets, TBE buffer and Clear G - box of 75	N/A -

Agarose in flasks

- Agarose in flasks ready to use: mix the flask, heat in the microwave for 1 min. on maximum power, shake gently, microwave again for 30 sec. Repeat until the agarose is completely dissolved.
- Agarose already contains a DNA fluorescence dye: Pronosafe (a non-carcinogenic alternative to ethidium bromide). Excitation wavelength 309, 419 or 514 nm and emission at 537 nm.

Applications / Typee	Fragments Separation ≥ 1000 bp	Fragments Separation ≤ 1000 bp	Preparative electrophoresis	High resolution electrophoresis	Protein electrophoresis
D1	•				
LM Sieve		•			•
MS		•	•	•	



All prices are indicative and exclude VAT. Visit www.dulis.nl

Pre-cast gels

EMBITEC pre-cast gels

- Precast gel system 1% agarose with TAE, GelGreen-stained (non-mutagenic and non-cytotoxic BET alternative)
- Separation of fragments from 600 to 10 000 pb
- Gel thickness of 6 mm



- Can be used with the RunOne tank
- The GelGreen allows for a revealing LED system as well as a simplified waste treatment procedure (disposal with biological waste)

Gel size (cm)	Landscape 11.7 x 5.6 cm	Medium 11.7 x 8.9 cm	Landscape 11.7 x 5.6 cm	Portrait 6.5 x 9.5 cm	Portrait 6.5 x 9.5 cm
Well format	12 + 1	5 + 2	24 + 1	10	5 + 1
Well thickness	1 mm	1.5 mm	1 mm	1 mm	1.5 mm
Volume per well	30 µl	3 x 75 µl / 2 x 112 µl	11 µl	15 µl	70 µl
Multi-channel compatibility	12-channel format	No	12-channel format	No	No
Packaging	10 gels/box	5 gels/box	10 gels/box	10 gels/box	10 gels/box
Cat. No.	**039090**	**039091**	**039092**	**039093**	**039094**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Buffer for protein electrophoresis and blotting

ClearLine® Powder bufferClearLine® for nucleic acid electrophoresis



Fast and easy to use

- 1 bag makes 1 litre of 1X buffer
- No pH adjustment required
- Fast running buffer for high voltage electrophoresis (300 - 350 V); allows rapid separation of fragments of less than 5 kb (a conventional 30 min cycle can be completed in only 10 min)

Cat. No.	Description	Composition	pH	Units/ box	€/ box
257081	TAE buffer (Tris-Acetate-EDTA)	40 mM Tris, 20 mM acetic acid, 1 mM EDTA	8.2 - 8.4	100	**N/A -**
257082	TBE Buffer (Tris-borate-EDTA)	89 mM Tris, 89 mM boric acid, 2 mM EDTA	8.2 - 8.5	50	**N/A -**
257083	Fast running buffer	-	8.1-8.5	100	**N/A -**

Nucleic acid electrophoresis buffer

Solution electrophoresis buffers

Cat. No.	Description	€
348604	TAE 10X, BM grade, 1 l	**N/A -**
348605	TAE 50X, BM grade, 1 l	**N/A -**
091582	TBE 10X, BM grade, 500 ml	**N/A -**
348613	TBE 10X, BM grade, 1 l	**N/A -**

Solution Preservation buffers

Cat. No.	Description	€
348619	TE 1X pH 8.0, BM grade, 500 ml	**N/A -**
091576B	TE 1X pH 8.0, BM grade, 1 l	**N/A -**
348618	TE 1X pH 8.0 low EDTA, BM grade, 500 ml	**N/A -**
348617	TE 1X pH 8.0 low EDTA, BM grade, 1 l	**N/A -**

Hybridization buffer

Cat. No.	Description	€
091568B	SSC 20X, BM grade, 1 l	**N/A -**

Washing pad

Cat. No.	Description	€
702678	TBS 10X pH 7.4, BM grade, 6 x 1 l	**N/A -**

Freeze-dried buffer

Cat. No.	Description	€
4905001	TBE 10X for 10 l preparation	**N/A -**
4905005	SSC 10X for 10 l preparation	**N/A -**

Buffers

Concentrated TAE buffers

Cat. No.	Description	Packaging	€
348605	TAE 50 x BM	1 l	N/A -

TAE (Tris-Acetate-EDTA) buffer is used in agarose gel electrophoresis for applications requiring high resolution and low voltage, high molecular weight separation of double-stranded DNA. The solutions are aseptically microfiltered.

Concentrated TAE buffers for electrophoresis gels

Ready to use. Calibrated to provide clean strips.

Cat. No.	Description	Vol. (ml)	€
523252	Tris acetate-EDTA 50X	500	N/A -

Concentrated TBE buffers

Concentrated TBE buffer x 10
For molecular biology. Electrophoresis buffer.

Cat. No.	Description	Packaging	€
523253	TBE 10 x BM	500 ml	N/A -
348613	TBE 10 x BM	1 l	N/A -

TBE Buffers

Cat.No.	Description	Vol. (ml)	€
523253	Tris borate-EDTA 10X	500	N/A -

Buffer powder sachet

For maximum space saving. Dissolve in pure water to obtain the final concentration indicated.

Cat. No.	Buffer (power)	Final quantity	Composition	€/ box
4905001	TBE 10 x	One sachet for 10 litres concentration 1 x	1 x content: 89 mM Tris, 89 mM borate, 1 mM EDTA, pH 8.2 - 8.4	N/A -
4905005	SSC 10 x	One sachet for 10 litres concentration 1 x	1 x content: 150 mM NaCl, 15 mM sodium citrate, pH 7.8 - 8.1	N/A -

Boric acid

Cat. No.	Description	Packaging	€
091516	Boric acid BM	1 kg	N/A -

TRIS

Cat. No.	Description	Packaging	€
091572B	TRIS BM	1 kg	N/A -

Ethylenediaminetetraacetic acid

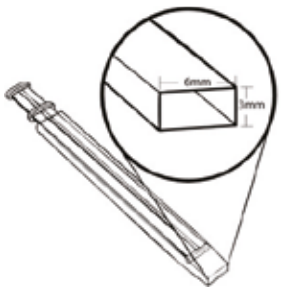
Cat. No.	Description	Packaging	€
348307	Ethylenediaminetetraacetic acid disodium salt 0.05 M	1000 ml	N/A -

Accessories

Agarose gel strip cutter

- **Excision of clean, reproducible gel strips of 6 x 3 mm**
- **Single use to avoid contamination**
- **Does not scratch the surface of UV tables**

Cat. No.	Description	Number of reactions	€
523337	Agarose gel strip cutter	50	N/A -

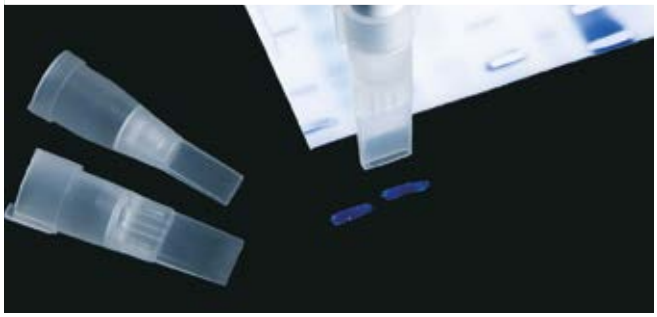




All prices are indicative and exclude VAT. Visit www.dulis.nl

Accessories

Suction tips for electrophoresis gel strips



- No need for a scalpel, one-handed operation
- Autoclavable
- Press the button to lower the gel and the tip
- Avoid cross-contamination
- Compatible with all 1000 µl pipettes (Eppendorf, Gilson)

DNase RNase

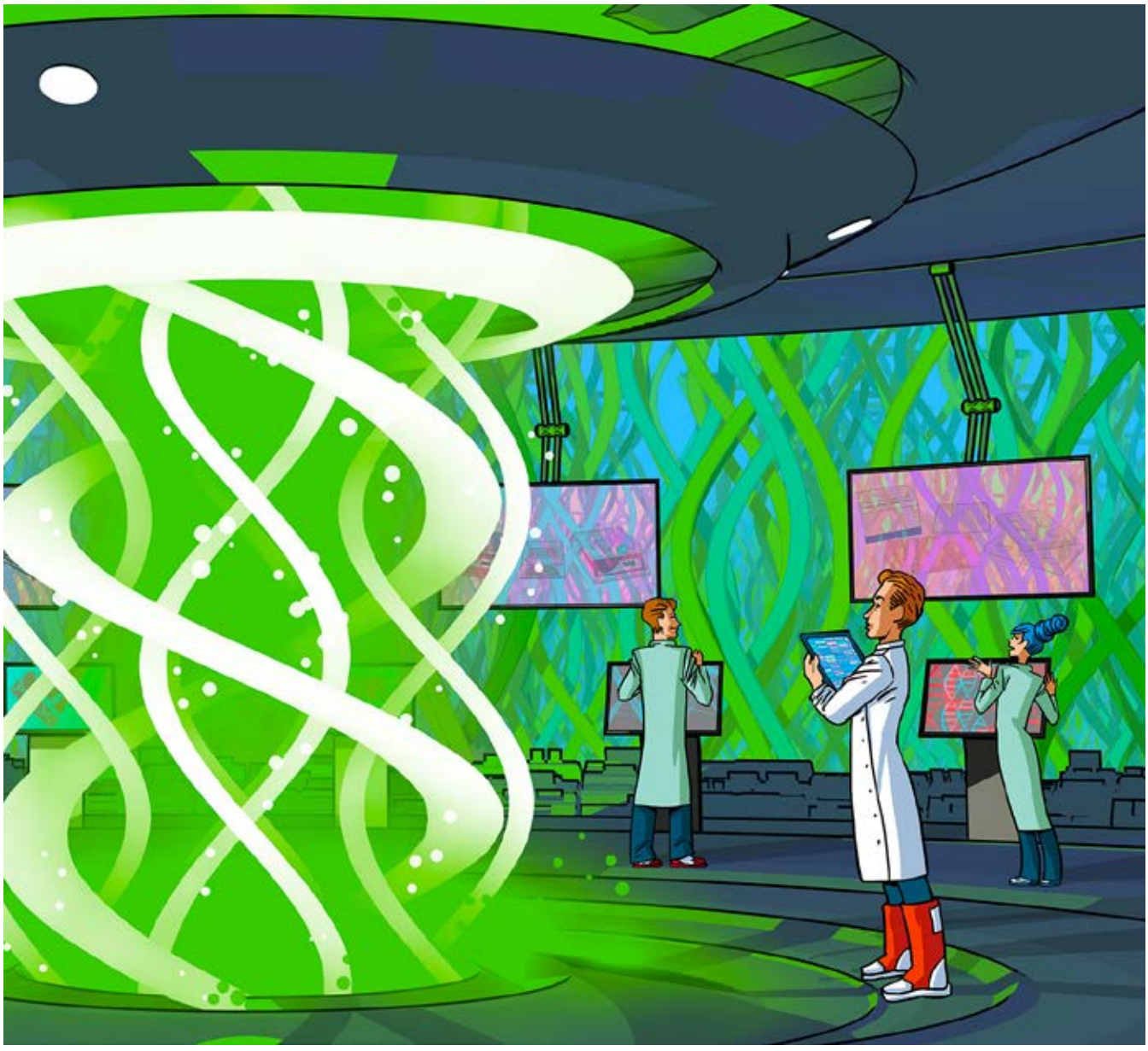
Cat. No.	Dimensions (mm)	Units/ bag	€/ bag
999068	4 x 1	250	N/A -
999070	6.5 x 1	250	N/A -

Scalpel for agarose gels



- To select and section DNA or RNA strips on agarose gels
- In single-use polystyrene
- Prevents damage to transilluminator displays
- L x W: 154 x 13 mm
- Packaged in bags of 10

Cat. No.	Description	€ 10 units
086667B	Scalpel for agarose gels	N/A -



Membranes and blotting papers for nucleic acids

Whatman™ blotting papers

Specifications

Model	Thickness	Surface	Absorption	Applications
3MMCHR	Thickness 0.34 mm	Smooth	Medium	Blotting and chromatography paper
GB003	Thick 0.8 mm	Smooth	Medium	Gel holder
GB005	Extra thick 1.2 mm	Smooth	Strong	Extra blotting semi dry

3MM CHR Paper

Excellent resistance in humid environments? optimised thickness and very good absorbency make Whatman 3MM Chr the paper of choice for all blotting applications.
3MM Chr: a 0.34 mm thick paper widely used in chromatography and electrophoresis. The absorption rate is 130 mm / 30 min.

Cat. No.	Dimensions	Units/ box	€/ box
Rolls (mm x m)			
036081	20 x 100	1 roll	N/A -
036082	100 x 100	1 roll	N/A -
036083	150 x 100	1 roll	N/A -
036084	190 x 100	1 roll	N/A -
036085	230 x 100	1 roll	N/A -
036086	270 x 100	1 roll	N/A -
Sheets (mm x mm)			
036562	150 x 200	100	N/A -
036344	200 x 200	100	N/A -
036088	315 x 355	100	N/A -
036347	460 x 570	100	N/A -
036090	580 x 680	100	N/A -

Blotting paper GB003

General purpose paper with very high absorption.

Cat.No.	Opitran model	Dim. (mm)	Type	Units/ box	€/ box
034870	GB 003	70 x 100	Blotting paper, smooth, 0.8 mm	100	N/A -
034869	GB 003	110 x 140	Blotting paper, smooth, 0.8 mm	100	N/A -
034826	GB 003	300 x 600	Blotting paper, smooth, 0.8 mm	25	N/A -
034827	GB 003	580 x 600	Blotting paper, smooth, 0.8 mm	50	N/A -
034825	GB 003	100 x 100	Blotting paper, smooth, 0.8 mm	50	N/A -
034848	GB 003	150 x 150	Blotting paper, smooth, 0.8 mm	100	N/A -
034849	GB 003	150 x 200	Blotting paper, smooth, 0.8 mm	100	N/A -
034850	GB 003	160 x 180	Blotting paper, smooth, 0.8 mm	100	N/A -
034851	GB 003	200 x 200	Blotting paper, smooth, 0.8 mm	100	N/A -
034867B	GB 003	200 x 250	Blotting paper, rough, 1.0 mm	100	N/A -
034855	GB 003	460 x 570	Blotting paper, smooth, 0.8 mm	100	N/A -



Blotting paper GB005

- **Used to limit the risk of trapping air bubbles**
- **Recommended for semi-dry protein blotting**

Cat.No.	Opitran model	Dim. (mm)	Type	Units/ box	€/ box
034829	GB 005	200 x 200	Blotting paper, smooth, 1.5 mm	25	N/A -
034830	GB 005	580 x 580	Blotting paper, smooth, 1.5 mm	25	N/A -
034828	GB 005	150 x 150	Blotting paper, smooth, 1.5 mm	25	N/A -

Other papers

Type	Description	Flow rate	Format (cm)	Cat.No.	Units/ box	€/ box
1 Chr	Standard paper, high flow (Ep: 0.18 mm)	130 mm / 30 min	46 x 57	036340	100	N/A -
			25 x 25	036341	100	N/A -
			20 x 20	036342	100	N/A -
3 Chr	Thick paper, ideal for electrophoresis (Ep: 0.6 mm)	130 mm / 30 min	46 x 57	036343	100	N/A -
17 Chr	Very thick paper. Area smooth (Ep: 0.2 mm)	190 mm / 30 min	46 x 57	036348	25	N/A -
4 Chr	High flow rate paper. (Ep: 0.21 mm)	180 mm / 30 min	46 x 57	036349	100	N/A -

Nytran N nylon blotting membranes

- **Moderately loaded nylon membranes**
- **Membrane designed for Southern and Northern blots techniques, as well as colonies, and Dot/slots blots**
- **Fixing capacity (› 400 µg/cm²)**
- **This membrane is ideal for isotopic and non-isotopic detection techniques**
- **Uniform membrane (pore distribution and size)**
- **Two thresholds available: 0.2 µm or 0.45 µm for optimal retention of larger oligos and DNA fragments**

Cat.No.	Nytran model	Dim. (mm)	Type	Units/ box	€/ box
034763	N 0.2 µm	200 x 3 m	Rolls	1	N/A -
034764	N 0.2 µm	300 x 3 m	Rolls	1	N/A -



Cat.No.	Nytran model	Dim. (mm)	Type	Units/ box	€/ box
034775	N 0.45 µm	200 x 3 m	Rolls	1	N/A -
034776	N 0.45 µm	300 x 3 m	Rolls	1	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Membranes and blotting papers for nucleic acids

Nytran Super Charge (SPC) Nylon Transfer Membrane

- Very high positive charge, low background noise
- Higher nylon density than with other membranes increases sample fixation capacity
- Excellent symmetry: always remains flat
- Nytran Super Charge membrane binds nine times more molecules than a conventional nylon membrane
- Consistent membrane morphology: good uniformity of nylon distribution and therefore of loads

Cat.No.	Nytran SuperCharge	Dim. (mm)	Type	Units/ box	€/ box
034779	0.45 µm	110 x 140	Sheets	10	N/A -
034798	0.45 µm	200 x 3 m	Rolls	1	N/A -
034799	0.45 µm	300 x 3 m	Rolls	1	N/A -

cytiva Amersham™ HYBOND blotting membranes



Cat. No.	Dimensions	Pore size	Membrane material	€ the roll
Hybond-N in neutral nylon				
RPN303N	30 cm x 3 m	0.45 µm	Nylon	N/A -
RPN203N	20 cm x 3 m	0.45 µm	Nylon	N/A -
Hybond-N + in positively charged nylon, versatile				
RPN303B	30 cm x 3 m	0.45 µm	Positively charged nylon	N/A -
RPN203B	20 cm x 3 m	0.45 µm	Positively charged nylon	N/A -
Hybond-NX in neutral nylon, for more demanding applications				
RPN303T	30 cm x 3 m	0.45 µm	Nylon	N/A -
RPN203T	20 cm x 3 m	0.45 µm	Nylon	N/A -
Hybond-XL in nylon optimised for radio-labelled probes				
RPN303S	30 cm x 3 m	0.45 µm	Positively charged nylon	N/A -
RPN203S	20 cm x 3 m	0.45 µm	Positively charged nylon	N/A -

Other sizes available: please contact us.

Hybond-N

- Resistant
- For nucleic acid blotting
- Fixing capacity 600 µg/cm²
- For radioactive applications
- UV light fixing

Hybond-N+

- For nucleic acid blotting
- Fixing capacity 600 µg/cm²
- For detection by radioactivity, chemiluminescence, chemifluorescence

Hybond-NX

- For nucleic acid blotting
- Fixing capacity 600 µg/cm²
- Developed specifically for use with low volumes of hybridization buffer and high flow applications
- Generates little background noise

Hybond-XL

- For nucleic acid blotting
- Fixing capacity 600 µg/cm²
- Effective fixation of small fragments
- Loaded nylon for optimised signal-to-noise ratio when working with radioactively labelled samples



Membrane and blotting paper for proteins

Amersham Protran nitrocellulose transfer membranes

cytiva

Whatman and Amersham membranes merge into the Amersham optimised range.

- **The Amersham Hybond P membrane is available in a 0.2 µm pore size**
- **"Sandwich" membranes, ready to use**
- **Membrane sizes have been revised to meet the needs of users**





Older range	New range	Use
"Whatman Protran Amersham Hybond C"	Amersham Protran	Chemiluminescence
"Whatman Optitran Amersham Hybond C extra"	Protran Supported	Hybridization and reprobing
"Amersham Hybond ECL Amersham Hybond C super"	Amersham Protran Premium	Chemiluminescence and fluorescence

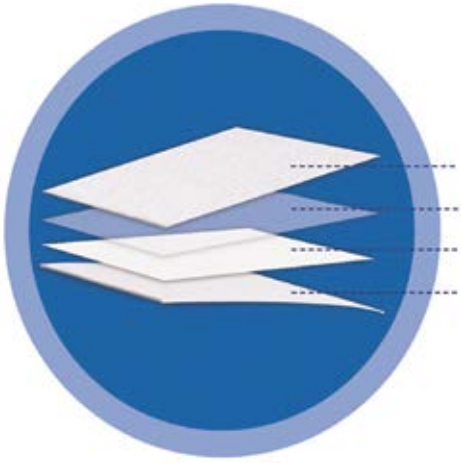
	Packaging		Amersham Protran		Protran Supported		Amersham Protran Premium	
Pore size	Size (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
0.1 µm	100 x 100	10	10600077	N/A -				
		25	10600076	N/A -				
	102 x 133	10	10600126	N/A -				
	140 x 160	25	10600064	N/A -				
	200 x 200	10	10600046	N/A -				
		25	10600045	N/A -				
	150 x 4 m	Roll	10600010	N/A -				
	200 x 4 m	Roll	10600005	N/A -				
	300 x 4 m	Roll	10600000	N/A -				
0.2 µm	80 x 90	25	10600094	N/A -	-	-	-	-
	100 x 100	10			10600085	N/A -	10600081	N/A -
		25			10600084	N/A -	10600080	N/A -
	102 x 133	10	10600125	N/A -	10600128	N/A -		
	140 x 160	25	10600063	N/A -	10600068	N/A -	10600066	N/A -
	200 x 200	10	10600044	N/A -	10600054	N/A -	10600050	N/A -
		25	10600043	N/A -	10600053	N/A -	10600049	N/A -
	300 x 600	5	10600032	N/A -	10600037	N/A -	10600035	N/A -
	150 x 4 m	Roll	10600011	N/A -	10600019	N/A -	10600014	N/A -
	200 x 4 m	Roll	10600006	N/A -	10600017	N/A -	10600009	N/A -
	300 x 4m	Roll	10600001	N/A -	10600015	N/A -	10600004	N/A -
0.45 µm	80 x 90	25	10600093	N/A -	10600098	N/A -	10600096	N/A -
	100 x 100	10	10600073	N/A -	10600083	N/A -	10600079	N/A -
		25	10600072	N/A -	10600082	N/A -	10600078	N/A -
	102 x 133	10	10600124	N/A -	10600127	N/A -		
	140 x 160	25	10600062	N/A -	10600067	N/A -	10600065	N/A -
	200 x 200	10	10600042	N/A -	-	-	10600048	N/A -
		25	10600041	N/A -	10600051	N/A -	10600047	N/A -
	300 x 600	5	10600033	N/A -	10600036	N/A -	10600034	N/A -
	150 x 4 m	Roll	10600012	N/A -	10600020	N/A -	10600013	N/A -
	200 x 4 m	Roll	10600007	N/A -	10600018	N/A -	10600008	N/A -
	300 x 4 m	Roll	10600002	N/A -	10600016	N/A -	10600003	N/A -
Sandwich 0.1 µm	80 x 90	10	10600116	N/A -				
	140 x 160	10	10600105	N/A -				
Sandwich 0.2 µm	80 x 90	10	10600115	N/A -	10600120	N/A -	10600118	N/A -
	140 x 160	10	10600104	N/A -	-	-	10600107	N/A -
Sandwich 0.45 µm	80 x 90	10	10600114	N/A -	10600119	N/A -	10600117	N/A -
	140 x 160	10	10600103	N/A -	10600108	N/A -	-	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

Membrane and blotting paper for proteins

Amersham Hybond PVDF transfer membranes

cytiva



- Ready-to-use solution for blotting applications
- Contains two sheets of 3MM CHR paper of appropriate size for each membrane sheet
- The membrane is to be placed on the anode side of the gel
- The 3MM CHR paper sheets cover each side of the entire
- The gel is ready for transfer

Older range	New range	Use
"Amersham Hybond P Whatman Westran CS"	Amersham Hybond P	Chemiluminescence, compatible with fast bleaching solvents
Whatman Westran S	Amersham Hybond SEQ	Sequencing and solid phase analysis
Amersham Hybond LFP	Amersham Hybond LFP	Fluorescence (low membrane autofluorescence)

	Packaging		Amersham Hybond P		Amersham Hybond SEQ		Amersham Hybond LFP	
Pore size	Size (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
0.2 µm	80 x 90	25	**10600101**	**N/A -**	-	-	**10600102**	**N/A -**
	100 x 100	10	**10600089**	**N/A -**	-	-	-	-
	200 x 200	10	**10600058**	**N/A -**	-	-	**10600060**	**N/A -**
		25	**10600057**	**N/A -**	-	-	-	-
	260 x 600	5	**10600039**	**N/A -**	**10600030**	**N/A -**	**10600040**	**N/A -**
	260 x 4 m	Roll	**10600021**	**N/A -**	-	-	**10600022**	**N/A -**
0.45 µm	80 x 90	25	**10600100**	**N/A -**	-	-	-	-
	100 x 100	10	**10600087**	**N/A -**	-	-	-	-
		25	**10600086**	**N/A -**	-	-	-	-
	140 x 160	25	**10600069**	**N/A -**	-	-	-	-
	300 x 600	5	**10600038**	**N/A -**	-	-	-	-
	150 x 4 m	Roll	**10600029**	**N/A -**	-	-	-	-
	300 x 4 m	Roll	**10600023**	**N/A -**	-	-	-	-
Sandwich 0.2 µm	80 x 90	10	**10600122**	**N/A -**	-	-	**10600123**	**N/A -**
Sandwich 0.45 µm	80 x 90	10	**10600121**	**N/A -**	-	-	-	-
	140 x 160	10	**10600110**	**N/A -**	-	-	-	-

Protran NC nitrocellulose transfer membrane

- 100% pure nitrocellulose membrane 0.1 µm for ‹ 7 kD molecules
- High fixation, low background noise
- High retention of small proteins:
  - the 0.2 µm membrane retains samples smaller than 20 KD
  - the 0.45 µm membrane is designed for molecules larger than 20 KD
- Excellent protein stability on Protran (› 5 years)
- No pre-wetting with methanol: before transfer, a simple wetting with water is sufficient
- Excellent stability of the membrane: allows many manipulations



Cat.No.	Protran NC model	Dim. (mm)	Type	Units/ box	€/ box
034714	BA 83 0.2 µm	82	Discs	50	**N/A -**
034735	BA 85 0.45 µm	25	Discs	100	**N/A -**
034738	BA 85 0.45 µm	25	Discs	1000	**N/A -**
034701	BA 85 0.45 µm	132	Discs	25	**N/A -**
034736	BA 85 0.45 µm	132	Discs	50	**N/A -**
034737	BA 85 0.45 µm	137	Discs	50	**N/A -**

Membrane and blotting paper for proteins

Immobilon™ Transfer membranes

Immobilon-P (PVDF) transfer membranes

*Made of polyvinylidene fluoride (PVDF)*hydrophobic, optimised for binding proteins transferred from different types of gels.

- **Ideal substrate for immunodetection**
- **Using the rapid protocol developed by Merck Millipore, time savings of 2 hours: elimination of the blocking step in a western blot, reduction of the number and duration of washes, without compromising specificity or sensitivity**

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presen-tation	Dim. (mm)	Units/ box	€/ box
044081	IPVH07850	0.45	Sheets	70 x 84	50	N/A -
044082	IPVH304F0	0.45	Sheets	260 x 260	10	N/A -
044083	IPVH09120	0.45	Sheets	90 x 120	10	N/A -
044084	IPVH10100	0.45	Sheets	100 x 100	10	N/A -
044085	IPVH20200	0.45	Sheets	200 x 200	10	N/A -
044086	IPVH15150	0.45	Sheets	150 x 150	10	N/A -
044087	IPVH00010	0.45	Roll	265 x 3750	1	N/A -

Immobilon-PSQ (PVDF) transfer membranes

Made of polyvinylidene fluoride (PVDF) for the transfer of low molecular weight proteins.

Immobilon-PSQ membranes: for blotting of ‹ 20 kD proteins

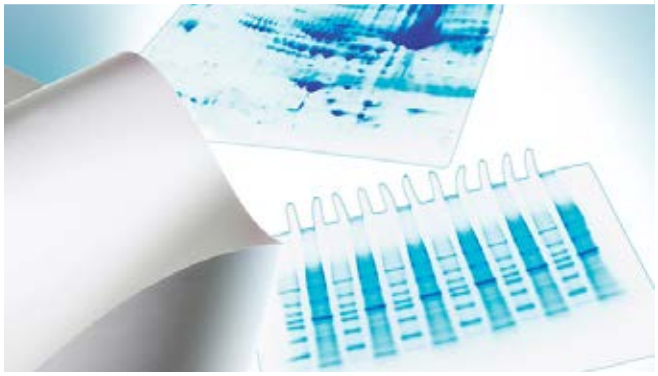
- **High yields in protein sequencing**
- **No surfactant**

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presen-tation	Dim. (mm)	Units/ box	€/ box
044088	ISEQ00010	0.2	Roll	265 x 3750	1	N/A -
044089	ISEQ15150	0.2	Sheets	150 x 150	10	N/A -
044090	ISEQ101000	0.2	Sheets	100 x 100	10	N/A -
044091	ISEQ20200	0.2	Sheets	200 x 200	10	N/A -
044092	ISEQ26260	0.2	Sheets	260 x 260	10	N/A -

Immobilon-E (PVDF) transfer membranes

- **Do not require a methanol membrane activation step**
- **Better protein retention and durability than nitrocellulose membranes**
- **Can be moistened directly with transfer buffer**
- **Compatible detection methods: chemiluminescence, chromogenic and radioactivity**
- **Compatible with Coomassie Blue, Ponceau-S Red, Sypro Ruby and colloidal gold dyes**
- **Membranes Cat. No. 044435 and 044436 are supplied with blotting paper sheets**

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presen-tation	Dim. (mm)	Units/ box	€/ box
044430	IEVH00005	0.45	Roll	265 x 1875	1	N/A -
044431	IEVH07850	0.45	Sheets	70 x 84	50	N/A -
044432	IEVH08100	0.45	Sheets	80 x 100	10	N/A -
044433	IEVH09120	0.45	Sheets	90 x 120	10	N/A -
044434	IEVH10100	0.45	Sheets	100 x 100	10	N/A -
044435	IESN07852	0.45	Sheets	70 x 84	20	N/A -
044436	IESN08132	0.45	Sheets	85 x 135	20	N/A -
044437	IEVH07804	0.45	Sheets	70 x 84	4	N/A -



Immobilon™-Ny+ transfer membranes

For greater sensitivity during re-hybridisation.

Immobilon-Ny+ membranes optimised for reliable and reproducible transfer, immobilisation, hybridisation and rehybridisation.

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presen-tation	Dim. (mm)	Units/ box	€/ box
044067	INYC00010	0.45	Roll	300 x 3300	1	N/A -

Immobilon-FL (PVDF) transfer membranes

Optimised for applications with fluorescence detection

- **Same fixation characteristics as Immobilon-P (PVDF, 0.45 µm)**
- **Very low background noise in fluorescence detection in western blotting**
- **Compatible with the most commonly used fluorescence reagents**
- **Compatible with non-fluorescent detection reagents**

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presen-tation	Dim. (mm)	Units/ box	€/ box
051587	IPFL10100	0.45	Sheets	100 x 100	10	N/A -
051588	IPFL20200	0.45	Sheets	200 x 200	10	N/A -
051589	IPFL00010	0.45	Roll	265 x 3750	1	N/A -

Immobilon Sandwiches (PVDF) Transfer Membranes

- **Pre-cut**
- **Supplied with buffer, separators and absorbent sheets**
- **Compatible with pre-cast gels**

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presen-tation	Dim. (mm)	Units/ box	€/ box
051590	IPSN07852	0.45	Sheets	70 x 84	20	N/A -
051591	IPSN08132	0.45	Sheets	85 x 135	20	N/A -

Immobilon-NC transfer membranes (cellulose esters)

Immobilon-NC HAHY membranes made of cellulose esters with surfactants, which improves their wettability and facilitates their handling during the transfer process.

Cat.No.	Merck Millipore Cat. No.	Porosity (µm)	Presen-tation	Dim. (mm)	Units/ box	€/ box
044055	HATC00010	0.45	Roll	330 x 3000	1	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Detection and blocking

Amersham Hyperfilm™ ECL and MP



For chemiluminescent signal detection of nucleic acid and protein blots.

Hyperfilm™ ECL

- Rapid detection of chemiluminescent signals from nucleic acid and protein blots
- Clear base with high contrast for easy reading of images
- Sensitive to blue and green light chemiluminescence systems
- Ideal for use with ECL, ECL Plus, CDP-Star and other chemiluminescent systems

Hyperfilm™ MP

- Multi-purpose film for fast detection of ^{14}C, ^{35}C, ^{33}P, ^{32}P, ^{125}I
- Clear base with high contrast for easy reading of images
- High resolution results
- Dedicated to direct and indirect autoradiography use

	Hyperfilm™ ECL			Hyperfilm™ MP		
Sheets size	Cat. No.	Sheets/ box	€/ box	Cat. No.	Sheets/ box	€/ box
18 x 24 cm	**28-9068-36**	50	N/A -	**28-9068-43**	50	N/A -
18 x 24 cm	**28-9068-37**	100	N/A -	**28-9068-44**	100	N/A -
8 x 10 inches	**28-9068-38**	50	N/A -	**28-9068-45**	50	N/A -
8 x 10 inches	**28-9068-39**	100	N/A -	**28-9068-46**	100	N/A -
5 x 7 inches	**28-9068-35**	50	N/A -	**28-9068-42**	50	N/A -

Immobilon Western LUMINOL chemiluminescence HRP substrates



- Highly sensitive substrate
- Wide range of sensitivities, possibility to reduce the amount of antibody used
- Signal duration over 2 hours
- Stable working solution for 10 days

Signal duration	› 2 hours
Primary detection method	X-ray or imaging system
Typical antibody dilution	Primary: 1: 1 000 - 1: 20000 Secondary: 1: 20 000 - 1: 200000
Stability	≥ 9 months from receipt (HRP: working solution: 10 days at 2 - 8 °C)
Recommended initial exposure time	30 seconds (on film)
Membrane compatibility	PVDF, nitrocellulose or all commonly used buffers and blocking reagents commonly used
Storage	2 to 8 °C

Cat. No..	Reagents (volumes)	Covered membrane area (cm^2)	€
051729	Luminol (25 ml) + peroxide solution (25 ml)	500	N/A -
051730	Luminol (50 ml) + peroxide solution (50 ml)	1000	N/A -
051731	Luminol (250 ml) + peroxide solution (250 ml)	5000	N/A -

HRP Luminata™Substrates



- Premixed chemiluminescence reagents for HRP detection in western blotting
- No risk of pipetting errors, no storage problems, ready to use
- Cover a wide range of sensitivities while being stable at room temperature or 4 °C

Cat. No.	Type	Volume (mL)	Detection range	Signal duration	€
053725	Luminata™ Classico Western	100	6 pg	1 hour	N/A -
053726	Luminata™ Classico Western	500	6 pg	1 hour	N/A -
053727	Luminata™ Crescendo Western	100	1 - 3 pg	3 hours	N/A -
053728	Luminata™ Crescendo Western	500	1 - 3 pg	3 hours	N/A -
053729	Luminata™ Forte Western	100	400 fg	3 hours	N/A -
053730	Luminata™ Forte Western	500	400 fg	3 hours	N/A -

Detection and blocking

Luminata Elisa HRP

MERCK

- HRP reagent for chemoluminescent detection in ELISA format
- Requires a suitable plate reader
- High sensitivity to detect up to 0.1 pg of protein
- Wide dynamic range allowing a large number of detection thresholds
- Flexible use, with two types of substrates, Luminata crescendo and Forte



Cat. No.	Description	€
053777	Luminata Forte Elisa HRP Substrate 100 ml	N/A -
053778	Luminata Crescendo Elisa HRP Substrate 100 ml	N/A -
053779	Luminata Crescendo Elisa HRP Substrate 200 ml	N/A -

Protein labelling and detection

	Amersham ECL™	Amersham ECL Start™	Amersham ECL Prime™	Amersham ECL Select™	Amersham ECL Plex™
Kit features	Routine Western blotting	Confirmatory Western blotting for high to moderate sensitivity proteins	Quantitative and confirmatory analysis **High to low sensitivity proteins**	Quantitative and confirmatory analysis **Medium to very low protein sensitivity**	Quantitative analysis
Sensitivity (model system)	~10 pg	N/C	~1 pg	~5 ng	~1.2 pg
Primary antibody (model system)	1:100 - 1:5000	1:500 - 1:3000	1:1000 - 1:50000	1:5000 - 1:30000	1:100 - 1:5000
Secondary antibody (model system)	1:1000 - 1:15000	1:5000 - 1:50000	1:50000 - 1:250000	1:100000 - 1:300000	1:1250 - 1:4000
Emission duration	1 to 2 hrs	3 hrs	3 hrs	2 hrs	› 3 months
Reprobing with 2 antibodies	Yes	Yes	Yes	Yes	Not required
Recommended membrane	Amersham Hybond P Amersham Protran Premium	Amersham Hybond P Amersham Protran	Amersham Hybond P Amersham Protran Premium	Amersham Hybond Amersham Protran Premium	Amersham Hybond LFP Amersham Protran Premium
Recommended detection method	Hyperfilm ECL and imageQuant imagers	Amersham Hyperfilm and CCD camera detection range	Hyperfilm ECL and imagers imageQuant	Hyperfilm ECL and imagers imageQuant	Fluorescence scanner and ImageQuant imagers

Amersham ECL™, ECL Start™, ECL Advance™, ECL Select™, ECL Prime,

cytiva



Amersham ECL™

Cat. No.	Description	€
RPN2108	ECL western blotting system for 1000 cm² of membrane: anti-mouse HRP conjugate 100 µl, anti-Rabbit conjugate HRP 100 µl, detection reagents 1 and 2, blocking agent[4]	N/A -
RPN2109	ECL Western Blotting Detection Reagents for 1000 cm² of membrane[4]	N/A -
RPN2209	ECL Western Blotting Detection Reagents for 2000 cm² of membrane[5]	N/A -
RPN2106	ECL Western Blotting Detection Reagents for 4000 cm² of membrane[6]	N/A -

[4] contains 2 flasks of 62.5 ml [5] contains 2 flasks of 125 ml
[6] contains 2 flasks of 250 ml

Amersham ECL Prime™

Cat. No.	Description	€
RPN2232	ECL Prime Western Blotting Reagent for 1000 cm² of membrane[1]	N/A -
RPN2236	ECL Prime Western Blotting Reagent for 3000 cm² of membrane[2]	N/A -

[1] contains 2 flasks of 50 ml [2] contains 2 flasks of 150 ml

Amersham ECL Plex™: for quantitative detection

Use of 2 fluorescent markers allowing the simultaneous detection of 2 proteins on western blots.

- Uses CyDye™ technology
- Multiplex analysis of proteins

Contains:

- ECL Plex Goat - mouse IgG-Cy3, 150 µg
- ECL Plex Goat - rabbit IgG-Cy5, 150 µg
- Hybond ECL 10 x 10 cm (cdt 10) or Hybond-LFP 20 x 20 cm (cdt 3)
- Marqueurs ECL Plex Rainbow 120 µl

Cat. No.	Description	€
RPN999	ECL Plex: CY3,CY5, Rainbow Marker and HYBOND-LFP 20 x 20 cm	N/A -

Amersham ECL Start™

Cat. No.	Description	€
RPN3243	ECL Start for western blot 200 ml	N/A -
RPN3244	ECL Start for western blot 400 ml x 2	N/A -

Amersham ECL Select™

Cat. No.	Description	€
RPN2235	ECL Select Western blotting Reagent for 1000 cm² of membrane[3]	N/A -

[3] contains 1 x 50ml luminol flask and 1 x 50 ml peroxyde solution flask

All prices are indicative and exclude VAT. Visit www.dulis.nl

Detection and blocking

Cytiva Amersham AlkPhos Direct™ direct marking and detection systems

Technique based on direct labelling of DNA
or RNA probes with a thermostable alkaline phosphatase.
This labelled probe is then hybridised to the target.

- **Detection possible by CDP-Star or ECF**
- **2 to 3 hours reduction compared to conventional indirect methods**

Cat. No.	Description	Membrane Area	€
RPN3680	Alkphos direct labeling module	2500 cm²	N/A -
RPN3682	CDP-star detection reagent	2500 cm²	N/A -
RPN3685	ECF dectection module	2500 cm²	N/A -
RPN3688	Alkphos direct hybridisation buffer	5000 cm²	N/A -

ECL Plex GaM IgG

Consult us for secondary HRP-conjugated antibodies

TIP

Cat. No.	Description	€
PA45009	ECL Plex GaM IgG, CY5, 150 µg	N/A -
PA45011	ECL Plex GaR IgG, CY5, 150 µg	N/A -
PA43009	ECL Plex GaM IgG, CY3, 150 µg	N/A -
28-9011-06	ECL Plex GaR IgG Cy3 150 µg	N/A -

HRP conjugated Anti-rabbit IgG, F(ab')$_2$ Antibodies

- **Applications: Western blot**
- **Storage: 2 - 8 °C**
- **Revelation: ECL**

Cat.No.	Description	Volume (ml)	€
NA9340-1ML	HRP conjugated Anti-rabbit IgG F(ab')$_2$	1	N/A -

Blu-Blot HS and Blu-Lite UHC autoradiography films



- **High quality with blue background**
- **For use with calcium tungstate or blue emitting screens**
- **Compatible with manual and automatic development methods**
- **The UHC version offers higher contrast and sensitivity with low noise**

Cat.No.	Version	Dimensions L x W (mm)	Units/ box	€/ box
062632	Blu-Blot HS	127 x 178	100	N/A -
062633	Blu-Blot HS	203 x 254	100	N/A -
062666	Blu-Lite UHC	127 x 178	100	N/A -
062667	Blu-Lite UHC	203 x 254	100	N/A -

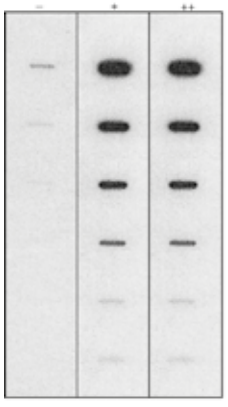
"Blue devil" autoradiography films



- **Blue background**
- **Single emulsion**
- **With intersheets**
- **Exceptional clarity and low background noise**
- **For use with ^{14}C, ^{35}S, ^{32}P et ^{125}I**
- **Blotting**
- **Sequencing**
- **Chemiluminescence Autoradiography**
- **Shift gel analysis**

Cat. No.	W x L (cm)	€ 100 units
789173	12.7 x 17.78	N/A -
789174	20.32 x 25.4	N/A -
789175	25.4 x 30.48	N/A -
789176	35.56 x 43.18	N/A -

Amersham Hyperscreen Intensification Screens



- minus Hyperscreen
+ plus Hyperscreen
++ plus Hyperscreen and preflashed with Sensitize Preflash Unit

^{125}I-labeled IgG slot blots: doubling dilutions (100 nCi to 1.56 nCi) 2 h exposure to Hyperfilm MP.

For fast and highly sensitive results in the detection o ^{32}P and ^{125}I in Southern, Northern and Western blots.
To be used with the pre-flash lamp.

Cat. No.	Dimensions	Units/ box	€/ box
RPN1662	18 x 24 cm	2	N/A -

Detection and blocking

Reblot Solutions

MERCK

These kits contain all the reagents for easy removal of antibodies after chemiluminescence antibody detection.

- **Simple and quick (10 to 20 minutes)**
- **Use at room temperature**
- **No beta-mercaptoethanol**
- **2 different solutions depending on the strength of the interaction between antibody and antigen**

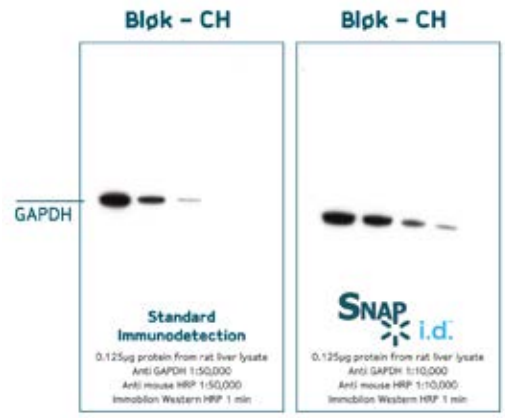
Cat. No.	Description	€
051965	Reblot plus Mild Solution 50 ml	N/A -
051979	Reblot plus Strong Solution 50 ml	N/A -

BLOCK blocking reagents for chemiluminescence or fluorescence detection

MERCK

The use of a synthetic blocking buffer reduces cross-reactions and background, especially for low abundance proteins.

- **Ready to use Bløk blocking pads, protein free**
- **Stable at room temperature**
- **Available in optimised versions for studying protein phosphorylation or working with fluorescent detection**
- **Compatible with staining after immunodetection**





Cat. No.	Type	€ per 500 ml
053731	CH reagent without background noise for detection by chemiluminescence	N/A -
053732	FL reagent without background noise for detection by fluorescence	N/A -
053733	Background-free PO reagent for the detection of phosphoproteins by chemiluminescence or fluorescence	N/A -

ECL blocking agent

cytiva

- **Blocking agent compatible with ECL reagents**
- **For use on PVDF or nitrocellulose membranes**

Cat. No.	Description	€
RPN2125	ECL BLOCKING AGENT - 40 g	N/A -

ECL Prime blocking reagent

cytiva

- **Blocking agent compatible with ECL Prime and ECL Plex detection reagents**

Cat. No.	Description	€
RPN418	ECL Prime blocking reagent 40 g	N/A -

Nucleic acid blotting

Rapid transfer system for Southern and Northern blot: TurboBlotter

- **Kit for rapid transfer with high resolution of DNA and RNA**
- **Fast: top-down transfer in one hour with alkaline buffers and three hours with neutral buffers (SSC)**
- **Economical: The buffer holder requires less buffer and blotting paper**
- **Easy to use, no vacuum or power source required**
- **System using gravity in addition to capillary action**
- **Compact: small and stackable unit**

Each TurboBlotter kit includes:
- 1 transfer system;
- membranes and papers needed for 5 transfers.

Each TurboBlotter refill includes the membranes and papers needed for 5 transfers.



Cat. No.	Description	Dim. (mm)	Transfer syst. size	€
034800	Nytran SuperCharge TurboBlotter Kit	100 x 150	12 x 16 cm	N/A -
034801	Nytran SuperCharge TurboBlotter Refill	100 x 150	12 x 16 cm	N/A -
034802	Nytran SuperCharge TurboBlotter Kit	110 x 140	12 x 16 cm	N/A -
034803	Nytran SuperCharge TurboBlotter Refill	110 x 140	12 x 16 cm	N/A -
034807	Nytran SuperCharge TurboBlotter Refill	150 x 150	21 x 26 cm	N/A -
034808	Nytran SuperCharge TurboBlotter Kit	150 x 200	21 x 26 cm	N/A -
034809	Nytran SuperCharge TurboBlotter Refill	150 x 200	21 x 26 cm	N/A -
034812	Nytran SuperCharge TurboBlotter Kit	200 x 250	21 x 26 cm	N/A -
034813	Nytran SuperCharge TurboBlotter Refill	200 x 250	21 x 26 cm	N/A -
034814	Nytran SuperCharge TurboBlotter Kit	70 x 100	12 x 16 cm	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Accessories

Amersham autoradiography cassettes

cytiva



- For maximum contact between the sample and the film
- Can be used down to -70 °C
- Smooth, non-porous internal mat ensures minimal contamination
- The 1.5 cm thick model is used with thicker samples

Cat. No.	Model	Colour	Dimensions	€
RPN11649	Standard	Neutral	8 x 10 inches	N/A -
RPN11650	Standard	Neutral	10 x 12 inches	N/A -

Regilait skimmed milk



Regilait milk powder is ideal for saturating transfer membranes during Slot-Blot or Western Blot.
In 750 g or 300 g tins with spout.

Cat. No.	Packaging	€
711160	750 g	N/A -
731142	300 g	N/A -

Pre-stained chemiluminescent marker for Western blot



- To annotate the transfer membranes on PVDF or nitrocellulose
- Reacts with HRP substrates
- Fast and sensitive
- Compatible with X-ray film and CCD imagers

Cat. No.	Description	€
701100	Pre-stained chemiluminescent marker for Western blot	N/A -

Membrane marker pen



- Xylene-based, permanent writing
- For nitrocellulose and nylon membranes
- Ideal marker for orientation of membranes in different types of transfers

Cat. No.	Description	Units/ box	€/ box
034982	Membrane marker pen	10	N/A -

Fluorescent marker



- Special laboratory
- Interchangeable fine tip for autoradiography
- Contains enough phosphor to be visible at different wavelengths

Cat. No.	Description	€
053397	Fluorescent marker with 4 tips	N/A -

Gel staining boxes with drain valve



Transparent boxes designed for staining and destaining of electrophoresis gels.

- Waterproof cover
- Drain valve allowing the transfer of liquid without movement
- Carrying handles
- Stackable
- Transparent PCTG boxes
- For staining, destaining, gel transport, membrane blotting

Cat. No.	For gels	L x W x H (mm)	€
029181	10 x 10 cm	125 x 125 x 50	N/A -

Accessories

Pyrex glass containers for gels

- Made of Pyrex borosilicate glass
- Ideal for electrophoresis gels
- Can be autoclaved or used in a microwave



Cat. No.	Capacity (ml)	L x W x H (mm)	€
212561A	1500	228 x 215 x 60	N/A -
212560A	1750	262 x 199 x 57	N/A -
212562A	2200	312 x 232 x 55	N/A -
212563A	3500	366 x 266 x 55	N/A -

Incubation tanks for blotting membranes

- Incubation trays for blotting membranes
- For Western blots
- Moulded in autoclavable polypropylene
- Stackable
- Cat. No. 086671 is snap-on and can be used in sets of 5 or by the unit



Cat. No.	Model	Dimensions (mm)	Units/ box	€/ box
086671	-	16 x 115	5	N/A -
086672	Midi	90 x 90	5	N/A -
086673	Macro	165 x 165	5	N/A -

Black boxes for Western blot

- Opaque, made of polystyrene
- Protects light-sensitive samples
- The lid helps to reduce evaporation



Cat. No. Boxes with hinged lid	Dimensions L x W x H (mm)	Volume min. (ml)	Units/ box	€/ box
062668	89 x 65 x 25	4	5	N/A -
062669	117 x 89 x 28	6	5	N/A -
062670	114 x 114 x 32	7	5	N/A -
Cat. No. Boxes with removable lid	**Dimensions L x W x H (mm)**	**Volume min. (ml)**	**Units/ box**	**€/ box**
062671	86 x 86 x 28	5	10	N/A -

Gel drying frames

Frame for drying gels between 2 sheets of cellophane, without using a pump or gel dryer.
Two dimensions: 14 x 14 cm (mini-gels) or 24 x 24 cm.
The frame is supplied with: 2 plates, 8 closing clips, 50 pre-cut cellophane sheets.

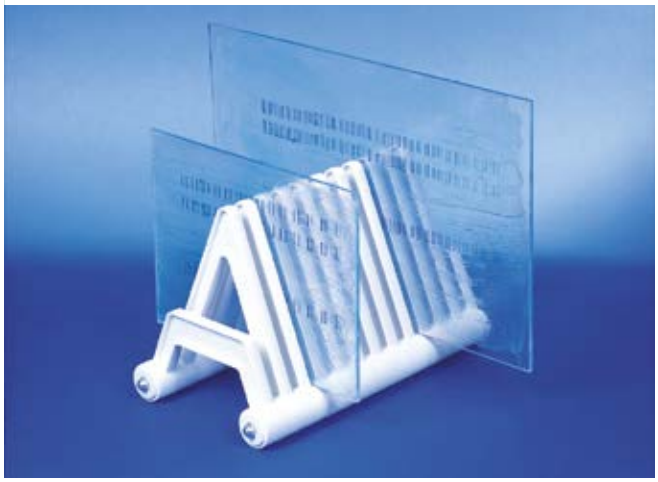


L x W (cm)	14 x 14	24 x 24
Full frame kit		
Cat. No.	053085	053086
€/unit	N/A -	N/A -
Cellophane sheets		
Cat. No.	053087	053088
€ the 50 pcs box	N/A -	N/A -

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Accessories

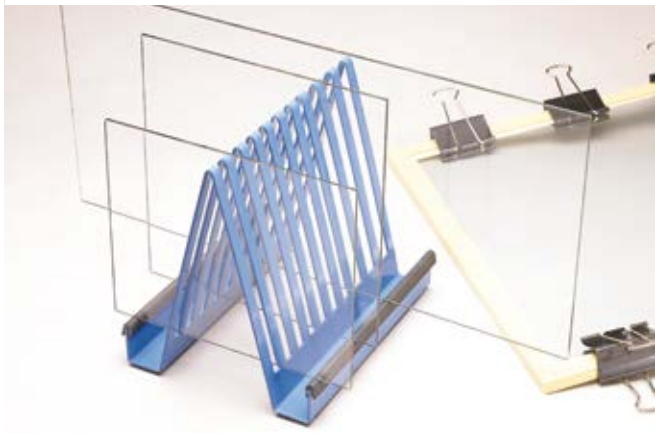
Weighted rack for electrophoresis plates



- Polypropylene rack
- Heavy base for holding 10 electrophoresis plates
- Dimensions: 203 x 381 x 228 mm

Cat. No.	Description	€
085971	Rack 10 electrophoresis plates	N/A -

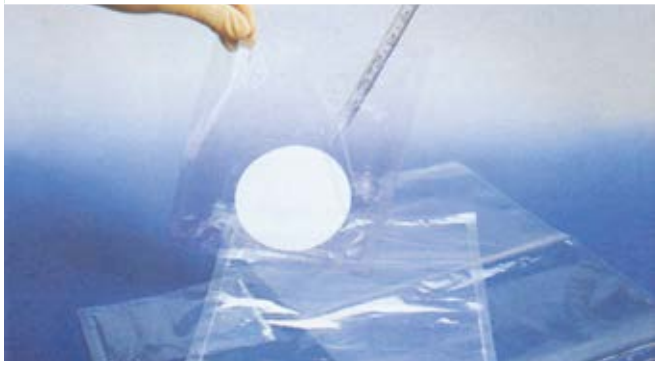
Drying rack for glass plates



- A-shaped
- Rack for drying 10 glass plates (7 standard sheets and 3 double thickness plates)
- Made of steel with anti-slip pads
- W x D x H (mm): 200 x 160 x 180 mm

Cat. No.	Description	€
045881	Gel drying rack	N/A -

Hybridization bags



Transparent polyester bags for cold storage of acrylamide gels, hydration, storage of biological samples, food, etc.

- Resistant to most acids, bases, solvents, greases
- Can withstand temperatures from -40 °C to +115 °C
- Tear-proof
- Rot-proof
- Thickness: 63 µm
- Total odour barrier
- Can be heat-sealed

Cat. No.	Version	Dim. L x W (mm)	€
045800	101 x 152	100	N/A -
045801	165 x 203	75	N/A -
045802	203 x 241	50	N/A -
045803	203 x 305	40	N/A -
045804	254 x 305	30	N/A -
045806	305 x 406	15	N/A -

Accessories

Clips

Stainless steel clips, ideal for closing electrophoresis plates.

Cat. No.	Clip	Units/ box	€/ box
053013	19 mm	12	N/A -



Reagents and chemicals for Molecular Biology and Biochemistry

Chemical compounds

Cat. No.	Description	Packaging	€
348587	Anhydrous sodium acetate molecular biology grade min. 99 %	1 kg	N/A -
091516	Boric acid molecular biology grade min. 99.5 %	1 kg	N/A -
C4036-250G-SIG	Cesium chloride, molecular biology grade min. 98 %	250 g	N/A -
348398	Cesium chloride, molecular biology grade min. 99.999 %	1 kg	N/A -
115695	Magnesium chloride hexahydrate molecular biology grade min. 99 %	500 g	N/A -
348591	Sodium chloride molecular biology grade min. 99.5 %	1 kg	N/A -
348446	Dithiothreitol (DTT) molecular biology grade min. 99.5 %	5 g	N/A -
091535	Sterile anhydrous glycerol min. 99.5 %	250 ml	N/A -
348490	Glycine grade bio. mol. min. 99.5 %	1 kg	N/A -
091543B	Hepes grade bio. mol. min. 99.5 %	250 g	N/A -
348503	Imidazole molecular biology grade min. 99.5 %	50 g	N/A -
091546B	MOPS, biology grade min. 99.5 %	100 g	N/A -
548656	Sodium salt with dextran sulfate 40 biochemistry grade	250 g	N/A -
091504B	Ammonium sulphate molecular biology grade min. 99.5 %	1 kg	N/A -
091503B	Ammonium sulphate molecular biology grade min. 99.5 %	5 kg	N/A -
091570B	Tris biology grade min. 99.9 %	500 g	N/A -
091572B	Tris biology grade min. 99.9 %	1 kg	N/A -
091571B	Tris biology grade min. 99.9 %	5 kg	N/A -

Organic solvents

Cat. No.	Description	Packaging	€
348350	Deionised formamide min. 99.5 %	500 ml	N/A -
348351	Deionised formamide min. 99.5 %	1 l	N/A -
348348	Unstabilised phenol / chloroform / isoamyl alcohol 25/24/1	500 ml	N/A -
348346	Stabilised phenol, saturated with water approx. 75 %	500 ml	N/A -
348347	Stabilised phenol, saturated with water approx. 75% + separate Tris solution	500 ml	N/A -

DNase I (RNase-free)

- **Endonuclease that non-specifically degrades single- and double-stranded DNA by releasing di-, tri- and phosphorylated oligonucleotides in 5'**
- **Used to remove contaminating DNA in RNA preparations prior to RT-PCR and RT-qPCR applications**
- **Also used to remove the DNA template from the reaction medium after in vitro transcription**

Cat. No.	Description	€
220229	DNase I (RNase-free), 1000 U	N/A -
220230	DNase I (RNase-free), 5000 U	N/A -

Enzymes

Cat.No.	Description	Packaging	€
348441	DNASE I min. 3000 U/mg (Kunitz)	10 mg	N/A -
348439	DNASE I min. 3000 U/mg (Kunitz)	100 mg	N/A -
348574	RNASE A (DNAse free min. 80 U/mg (Kunitz)	50 mg	N/A -
091545B	Lysozyme molecular biology grade	10 g	N/A -
348565	Recombinant freeze-dried Proteinase K	100 mg	N/A -
348566	Recombinant freeze-dried Proteinase K	25 mg	N/A -
348564	Recombinant freeze-dried Proteinase K	500 mg	N/A -
348569	Protéinase K solution 20 mg/ml, DNase/RNase free	1 ml	N/A -
348568	Protéinase K solution 20 mg/ml, DNase/RNase free	5 ml	N/A -
348567	Protéinase K solution 20 mg/ml, DNase/RNase free	10 ml	N/A -
220260	Protéinase K solution 20 mg/ml, DNase/RNase free	1 ml	N/A -
220261	Protéinase K solution 20 mg/ml, DNase/RNase free	5 x 1 ml	N/A -

Chaotropic agents

Cat. No.	Description	Packaging	€
348492	Guanidine hydrochloride molecular biology grade min. 99.5 %	1 kg	N/A -
348641	Urea biology grade mol.min. 99 %	1 kg	N/A -
T7875-100G-SIG	Thiourea reagent plus grade min. 99 %	100 g	N/A -
348403	Guanidine thicyanate molecular biology grade min. 99 %	100 g	N/A -
348401	Guanidine thicyanate molecular biology grade min. 99 %	500 g	N/A -

Surfactants

Cat. No.	Description	Packaging	€
672414	Cetyltrimethylammonium bromide (CTAB) biology grade min. 99 %	100 g	N/A -
672415	Cetyltrimethylammonium bromide (CTAB) biology grade min. 99 %	500 g	N/A -
348332	CHAPS, biochemistry grade min. 99 %	5 g	N/A -
348337	CHAPS, biochemistry grade min. 99 %	50 g	N/A -
091564	SDS solution 20 % bio. mol. grade	1 l	N/A -
091567B	SDS molecular biology grade min. 99 %	1 kg	N/A -
348637	Tween 20 molecular biology grade	500 ml	N/A -
672357	Tween 80 biochemistry grade	500 ml	N/A -

RNase A (DNase-free)

- **Specific pyrimidine endoribonuclease that degrades single-stranded RNA**
- **Catalyses the cleavage of the phosphodiester bond between a pyrimidine and the following nucleotide**
- **Used for the suppression of RNA in DNA preparations**
- **Available in 10 and 50 mg**

Cat. No.	Description	€
220235	RNase A (DNase-free), 10 mg (1 ml)	N/A -
220236	RNase A (DNase-free), 50 mg (5 ml)	N/A -

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Alternatives to alkylphenol ethoxylate detergents

- Alkylphenol ethoxylates are included in Annex XIV of REACH program due to their toxicity
- Several detergents in the Triton X and Tergitol X range are among the targeted molecules
- Merck offers a range of alternative detergents

ECOSURF EH detergents:

- Ethoxylated substitutes
- Excellent wetting and solid surface cleaner
- Low odour, easily biodegradable and very low toxicity to the aquatic environment

ECOSURF SA detergents:

- Ethoxylated substitutes
- Easier handling, low pour point and fast dissolution
- Low odour, hydrophobic, good detergency, biorenewable base, easily biodegradable and very low toxicity to the aquatic environment

TERGITOL 15-S detergents:

- Substitutes based on secondary alcohols
- Excellent wetting, fast dissolving and rapid reduction of surface tension
- Low odour, good detergency and easily biodegradable

TERGITOL TMN detergents:

- Substitute based on branched secondary alcohol ethoxylates
- Very good wetting, emulsifying and detergent properties
- Very low surface tension

Description	Alkylphenol ethoxylate base	Moles EO	Cloud Point (°C) (1%)	HLB	Flow temperature (°C)	Easily biodegradable (OECD 301F)	Cat. No.
TRITON X-100	Yes	9.5	66	13.4	1		X100
ECOSURFTM EH-9	No	Confidential	61	12.5	12	•	STS0006
ECOSURF EH-9 (90 %)	No	Confidential	61	12.5	- 5	•	STS0012
ECOSURF SA-9	No	Confidential	57	11.1	4	•	STS0007
TERGITOL 15-S-9	No	9	60	13.3	9	•	15S9
TERGITOL TMN-100X (90 %)	No	9	65	14	6		STS0004
TRITON X-102	Yes	12	88	14.4	13		X102
ECOSURF EH-9	No	Confidential	61	12.5	12	•	STS0006
ECOSURF EH-9 (90 %)	No	Confidential	61	12.5	- 5	•	STS0012
TERGITOL TMN-10 (90 %)	No	11	76	14.1	- 19		86454
TRITION X-114	Yes	7.5	25	12.3	- 14		X114
TERGITOL 15-S-7	No	7	37	12.1	1	•	15S7
TERGITOL TMN-6 (90 %)	No	8	36	13.1	‹- 40		86453
TERGITOL NP-40 (70 %)	Yes	40	› 100	17.8	2		-
TERGITOL 15-S-40 (70 %)	No	41	› 100	18	5	•	STS0003

Cat. No.	Description	Packaging	€
STS0003-100ML-SIG	TERGITOL 15-S-40 70 % in water	100 ml	N/A -
STS0003-500ML-SIG	TERGITOL 15-S-40 70 % in water	500 ml	N/A -
STS0004-100ML-SIG	TERGITOL TMN-100X 90 % in water	100 ml	N/A -
STS0004-500ML-SIG	TERGITOL TMN-100X 90 % in water	500 ml	N/A -
15S7-500ML-SIG	TERGITOL 15-S-7	500 ml	N/A -
15S7-1L-SIG	TERGITOL 15-S-7	1 l	N/A -
15S7-4L-SIG	TERGITOL 15-S-7	4 l	N/A -
15S9-100ML-SIG	TERGITOL 15-S-9	100 ml	N/A -
15S9-500ML-SIG	TERGITOL 15-S-9	500 ml	N/A -
15S9-1L-SIG	TERGITOL 15-S-9	1 l	N/A -
15S9-4L-SIG	TERGITOL 15-S-9	4 l	N/A -
86453-250ML-SIG	TERGITOL TMN 6	250 ml	N/A -
86453-1L-SIG	TERGITOL TMN 6	1 l	N/A -
86454-250ML-SIG	TERGITOL TMN 10	250 ml	N/A -
86454-1L-SIG	TERGITOL TMN 10	1 l	N/A -
STS0006-100ML-SIG	ECOSURF EH-9	100 ml	N/A -
STS0006-500ML-SIG	ECOSURF EH-9	500 ml	N/A -
STS0007-100ML-SIG	ECOSURF SA-9	100 ml	N/A -
STS0007-500ML-SIG	ECOSURF SA-9	500 ml	N/A -
STS0012-100ML-SIG	ECOSURF EH-9 90% in water	100 ml	N/A -
STS0012-500ML-SIG	ECOSURF EH-9 90% in water	500 ml	N/A -

PCR microtubes 0.2 ml Mµlti

- Microtube with dome cap or flat cap
- Thin wall for optimal and uniform heat transfer
- Highly transparent virgin polypropylene
- Suitable for all thermal cyclers

DNase RNase

Cat. No.	Volume (mL)	Cap	Units/ box	€/ box
023190	0.2	Dome	500 x 10	N/A -
023190A	0.2	Dome	500	N/A -
016950	0.2	Flat	1000 x 10	N/A -
016950A	0.2	Flat	1000	N/A -



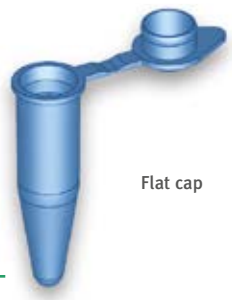


Individual microtubes for PCR and QPCR E.U.

E.U. for "Extremely Uniform"

- Tube wall: 0.25 mm
- Evaporation rate between 2 and 3% (reduced due to the homogeneity of the wall)
- All tubes are suitable for real-time PCR
- Opening aid tab on the cap prevents touching the inside of the cap on 038301 series tubes

Pyro-genic · Endo-toxins · DNase RNase · Human DNA


Flat cap


Dome cap with tabs

E.U. Tubes 0.2 ml flat cap

Colour	Natural	Red	Blue	Green	Orange	Natural sterile
Cat. No.	038330	038331	038332	038333	038335	038338*
€. 1000 units	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Thin wall

E.U. Tubes 0.2 ml dome cap with tabs

Colour	Natural	Red	Blue	Green	Yellow	Orange	Violet	Amber	Natural sterile
Cat. No.	038301	038302	038303	038304	038305	038306	038307	038308	038325
€. 1000 units	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

PCR tubes, tube strips and caps


A


B


C

- Made of virgin polypropylene
- Certified contaminant-free

DNase RNase

4titude


D


E

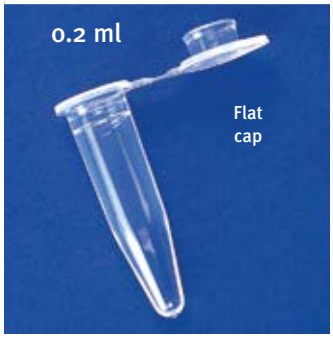

F


G

Cat. No.	Photo	Description	Features	Packaging	€
044761	A	8-tube strips PCR 0.2 ml	Individual numbering on each tube	125 strips	N/A -
044762	B	8-tube strips PCR 0.2 ml with domed cap	Compatible with most thermal cyclers (including ABI)	125 strips	N/A -
044735	C	8-tube strips PCR 0.2 ml with optical flat caps	Compatible QPCR	125 strips	N/A -
044736	D	8-domed-cap strips Fits most thermal cyclers (including ABI)	Compatible with tube strips 044761	125 strips	N/A -
044737	D	8-domed-cap strips Fits most thermal cyclers (including ABI)	Compatible with 4titude PCR plates	300 strips	N/A -
044738	E	8-flat-optical-cap strips	Compatible with tube strips 044761 - QPCR	125 strips	N/A -
044739	E	8-flat-optical-cap strips	Compatible with 4titude PCR plates - QPCR	300 strips	N/A -
044740	F	PCR Microtube with flat cap	Compatible with thermal cyclers with 0.2 ml heating block	1000 tubes	N/A -
044741	G	Microtube PCR with domed cap	Compatible with 0.2 ml heat cyclers with heating block	1000 tubes	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

thermo scientific ABgene® individual PCR microtubes 0.2 ml and 0.5 ml



DNase RNase · Human DNA · Endo-toxins

- Thin walls for optimal and uniform heat transfer
- Virgin polypropylene
- Individuals with domed or flat caps
- Very transparent
- Secure locking system
- 7 colours available for identification of different series

0.2 ml Microtube with flat cap

Natural	Yellow	Red	Violet	Green	Blue	€ 1000 units	Assorted	€ 1000 units
016139	016128	016141	016142	016143	016144	N/A -	016146	N/A -

TIP



For benchtop work at refrigerated temperatures, choose a refrigerated microtube rack. Chapter "Tubes"

0.5 ml Microtube with flat cap

Natural	Assorted*	€ 1000 units	Natural sterile	€ 1000 units
016155	016162	N/A -	016428	N/A -

* Green, red, yellow, blue, transparent

"ECO" Individual 0.2 ml PCR Tubes



- PCR tube with attached cap dome or flat
- Excellent transparency and wall thickness

DNase RNase

Cat. No.	Description	Units/ bag	€/ bag
010207	PCR tube 0.2 ml flat cap	1000	N/A -

Ultraflux 0.2 ml Microtube



- Individual without cap
- Extra thin wall

DNase RNase · Human DNA · PCR-inhibitor · Endo-toxins

Cat. No.	Description	Units/ bag	€/ bag
840664	Ultraflux 0.2 ml Microtube	1000	N/A -

Individual PCR or qPCR microtubes



- In transparent polypropylene
- With flat attached cap
- QPCR version: optical cap, high sensitivity and detection

DNase RNase · Human DNA · Pyro-genic

	PCR Microtubes		qPCR Microtubes	
Volume (mL)	Cat.No.	€ Excl. VA 1000 uni.	Cat.No.	€ Excl. VA 1000 uni.
0.1	385000	N/A -	385001	N/A -
0.2	385002	N/A -	385003	N/A -
0.5	385004	N/A -	-	-

Ultra Flux Individual 0.2 ml microtubes



- Ultra-thin walls
- Flat frosted cap

DNase RNase · Human DNA · PCR-inhibitor

Colour	Natural	Blue	Green	Red	Violet	Yellow	Assorted
Cat. No.	048003	048004	048005	048006	048007	048062	048001
€ 1000 unit	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Individual 0.5 ml PCR tubes



- Flat cap attached
- Thin wall
- Made of polypropylene
- 4 Colour available

DNase RNase · Endo-toxins · Human DNA

Colour	Pink	Yellow	Green	Red
Cat. No.	781832	781833	781834	781835
€ 1000 unit	N/A -	N/A -	N/A -	N/A -

PCR MICROTUBES

Microtubes PCR 0.2 ml PCR and 0.5 ml Treff

- Made of high purity polypropylene
- Ultra-thin walls for fast heat transfer
- Fully automated production in a clean room class 8 according to ISO 14644-1
- No additives
- Autoclavable

Human DNA · Endo-toxins · DNase RNase



	Natural	Pink	Yellow	Green	Blue
Individual PCR microtubes 0.2 ml	034038B*	034039	034040	034041	034042
€, 500 units	N/A -	N/A -	N/A -	N/A -	N/A -
Individual PCR microtubes 0.5 ml	034045*	-	-	-	-
€, 500 units	N/A -	-	-	-	-

ClearLine®PCR tube strips

- Easy to cut into individual tubes
- Extra thin wall
- Total volume: 0.2 ml
- Cap strips compatible with ClearLine® PCR plates

PCR-inhibitor · DNase RNase · Human DNA · Pyro-genic



Cat. No.	Description	Units/ box	€/ box
257052	Strip of 8 PCR tubes	250 x 8	N/A -
257051	Strip of 8 optical flat caps	250 x 8	N/A -
257046	Strip of 8 PCR tubes with domed cap	250 x 8	N/A -
257054	8-PCR tube trips with flat cap	250 x 8	N/A -
257053	Strip of 8 PCR tubes with flat cap	10 x 250 x 8	N/A -

Sapphire Greiner Bio-One PCR and qPCR microtubes

- Medical grade polypropylene without additives
- Full compatibility with all thermal cyclers
- Thin wall for better temperature transfer
- Tubes with ultratransparent flat cap = qPCR and rt-qPCR

DNase RNase · Pyro-genic · Human DNA



Cat.No.	Colour	Volume (µl)	Caps	Units/ bag	Units/ box	€/ box
671201	Natural	0.2	Domed, attached	1000	1000	N/A -
683201	Natural	0.2	Flat, attached	1000	1000	N/A -
684201	Natural	0.2	Without cap	1000	1000	N/A -
682201	Natural	0.5	Flat, attached	1000	1000	N/A -



These tubes are also available in red, green, yellow, blue and purple: please contact us

PCR and qPCR microtubes 0.1 and 0.2 ml

- Protective screen prevents manual contact with the inside of the cap
- Self-locking hinge with a 90° angle
- Quality PCR Clean



Cat. No.	Working volume (ml)	Features	Units/ box	€/ box
033515	0.2	Individual	1000	N/A -
933932	0.2	Individuals Forensic DNA	500	N/A -
033517	0.2	8-Strip	120 x 8	N/A -
035630	0.1	8-Strip	120 x 8	N/A -
035631	0.1	With domed plugs in strips of 8	120 x 8	N/A -
035632	0.1	With flat caps in strips of 8	120 x 8	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
033518	Loading tray for 96 microtubes	10	N/A -
033519	Frame for PCR plate	5	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Multi PCR microtubes 0.65 ml



- Thin-walled
- Usable capacity: 0.5 ml
- Total volume: 0.65 ml

DNase RNase

Cat. No.	Description	Units/ box	€/ box
015160A	PCR Microtubes 0.65 ml	1000	N/A -

PCR microtubes 0.5 ml

- High transparency
- Specially designed for PCR applications
- Centrifugal up to 10 000 g
- Thin wall
- Non-graduated
- Non-sterile

DNase RNase



eppendorf

Cat. No.	Description	Units/ box	€/ box
033520	PCR Microtubes 0.5 ml	500	N/A -



Enter the Cat. No. on dulis.nl to display the Eppendorf Purity Level Guide

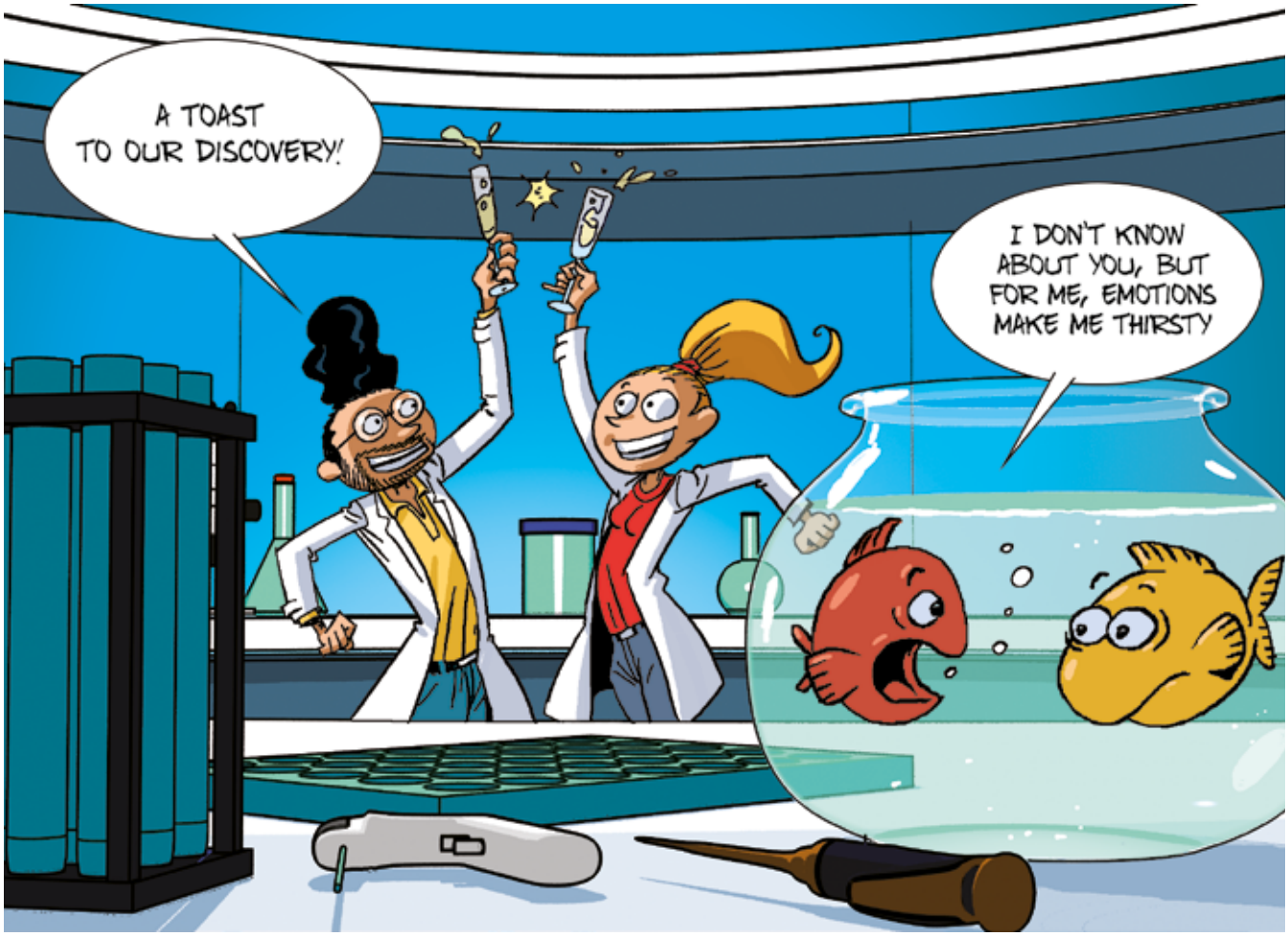
Fast PCR 8 microtube-strips

eppendorf



- 0.1 ml microtubes made of polyethylene (USP), for PCR and qPCR
- Compatible with Fast PCR protocols
- Higher or faster heat transfer compared to thin-walled polypropylene tubes: increased PCR yield (in Fast PCR protocol)
- Compatible with most thermal cyclers with 0.1 ml tube block

Cat.No.	Description	Packaging unit	€
934222	Fast PCR 8-microtube Strip without cap	10 x 12	N/A -
934223	Fast PCR 8-microtube strip with 8 flat cap strip	10 x 12	N/A -
934224	Fast PCR 8-microtube strip with 8 dome cap strip	10 x 12	N/A -



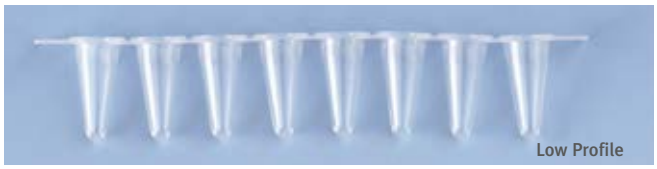
ABgene®0.2 ml microtube-strip

Microtubes in strips of 8 or 12 for all thermal cyclers brands.
"Low Profile: the reduction of the dead volume eliminates condensation on the tube walls and thus limits evaporation. For small volumes of less than 20 µl.

- **Breakable in individual tubes**
- **Thin walls**
- **Virgin polypropylene**
- **Flat cap: frosted surface on top of the tube for easy marking**
- **Ultra-Clear flat caps for QPCR**
- **Assorted colours: natural, yellow, red, green, blue**

DNase RNase | Human DNA | Endo-toxins







8-microtube strips

	Standard microtube strip		Low Profile Microtube Strips	
Packaging unit	250 x 8	12 x 8	250 x 8	12 x 8
Units/box	250 x 8	120 x 8	250 x 8	120 x 8
8 microtubes + natural dome cap	**016000***	**016303**	**017868**	**016514**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**
8 microtubes + dome cap, assorted colours	**016000F**	**-**	**016166**	**-**
€/box	**N/A -**	**-**	**N/A -**	**-**
8 microtubes + natural flat cap	**016561**	**-**	**017239**	**016389**
€/box	**N/A -**	**-**	**N/A -**	**N/A -**
8 microtubes + flat cap, assorted colours	**017867**	**-**	**016517**	**-**
€/box	**N/A -**	**-**	**N/A -**	**-**
8 microtubes + Ultra-Clear flat cap	**-**	**016562**	**017802**	**-**
€/box	**-**	**N/A -**	**N/A -**	**-**
8 microtubes without cap	**016001***	**016164**	**-**	**016167**
€/box	**N/A -**	**N/A -**	-	**N/A -**

* Also available in colour.
Add the following suffix to the Cat.No: V=green, J=yellow, R=red, B=blue.

12-microtube strips

	Standard microtube strip	Low Profile Microtube Strips
Packaging unit	8 x 12	8 x 12
Units/box	80 x 12	80 x 12
12 microtubes + dome cap	**016512**	**-**
€/box	**N/A -**	**-**
12 microtubes + cap flat	**016513**	**016518**
€/box	**N/A -**	**N/A -**
12 microtubes without cap	**016511**	**-**
€/box	**N/A -**	**-**

Single cap-strips

	8-cap strip			12-cap strip	
Packaging unit	250 x 8	12 x 8	12 x 8	8 x 12	8 x 12
Units/box	250 x 8	120 x 8	300 x 8	200 x 12	80 x 12
Natural dome cap strip	**016002***	**-**	**016447**	**016521**	**016174**
€/box	**N/A -**	**-**	**N/A -**	**N/A -**	**N/A -**
Natural flat cap strip	**016169**	**016170**	**016519**	**016520**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**
Ultra-Clear flat cap strip	**-**	**016175**	**-**	**-**	**-**
€/box	**-**	**N/A -**	**-**	**-**	**-**

* Also available in colour.
Add the following suffix to the Cat.No: V=green, J=yellow, R=red, B=blue.

0.2 ml white microtubes strips for quantitative PCR

White polypropylene strips, compatible with all quantitative PCR instruments using 0.2 ml strips (ABI PRISM, Bio-Rad i-cycler, Stratagene, etc).

- **Offers improved signal reflection for increased reproducibility and sensitivity**
- **Ultra-transparent caps for optimal fluorescence transfer**
- **Superior well-to-well reproducibility**

Cat.No.	Description	Units/ box	€/ box
017218	8 white opaque microtube-strip without cap*	120	**N/A -**
017803	8 white opaque microtube-strip with cap*	250	**N/A -**
016626	8 white opaque microtube-strip with cap	120	**N/A -**

* Low Profile



All prices are indicative and exclude VAT. Visit www.dulis.nl

PCR MICROTUBE STRIPS

Multi 0.2 ml microtube strips



- Extra thin wall, 8-strips
- Easy to cut into individual tubes
- Digital marking on each tube

DNase RNase

Sterile	Natural	Red	Blue	Green	Yellow	Units/ box	€/ box
Microtubes + 8-strip dome cap							
No	**116380**	**114430**	**116400**	**116410**	**116420**	250 x 8	**N/A -**
Microtubes + 8-strip dome cap							
Yes	**116280**	**116290**	**116300**	**116310**	-	120 x 8	**N/A -**
8-Microtube strip (without cap)							
No	**138790**	-	-	-	-	250 x 8	**N/A -**
8-strip dome cap							
No	**038780**	-	-	-	-	250 x 8	**N/A -**
8-Strip optical flat caps (quantitative PCR)							
No	**037990**	-	-	-	-	250 x 8	**N/A -**

ECO 0.2 ml PCR microtube strips



- 8-Tube strip 0.2 ml + 8-dome or flat cap strip
- Excellent transparency and wall thickness
- Can be used from -20 °C to 100 °C
- Centrifugal at 6000 g

DNase RNase

Cat. No.	Description	Units/ bag	€/ bag
010158	0.2 ml PCR microtube strip + dome cap	125 x 8	**N/A -**
010208	0.2 ml Microtube-strip + flat cap	125 x 8	**N/A -**

8 or 12 PCR tube strips 0.2 ml with loose strip caps

- Fully automated production in a clean room class 8 according to ISO 14644-1
- 8 or 12 domed cap strips to be ordered separately
- Ensure a perfect seal during PCR cycles
- Avoid cross-contamination
- Made of polypropylene

Treff Plastics Technology AT

Human DNA · DNase RNase · Endo-toxins



PCR microtube strip

	Natural	Pink	Yellow	Green	Blue	Units/ box	€/ box	Assorted with dome cap	Units/ box	€/ box
8-strip	**034175**	**034176**	**034177**	**034178**	**034179**	125	**N/A -**	**016000G**	125 x 5	**N/A -**
12-strip	**034187**	-	-	-	-	125	**N/A -**	-	-	-

QPCR microtube strip

	White	Units/ box	€/ box
8-strip	**034180**	125	**N/A -**

Flat and domed cap strip

	Flat caps			Domed caps						
	Natural	Units/ box	€/ box	Natural	Pink	Yellow	Green	Blue	Units/ box	€/ box
8-strip	**034181**	125	**N/A -**	**034182**	**034183**	**034184**	**034185**	**034186**	125	**N/A -**

ROTOR GENE 0.1 ml tube strips



- Strip of 4 tubes 0.1 ml and 4 caps
- Transparent polypropylene
- For low fluorescence background noise
- Suitable for the ROTOR GENE device
- Temperature and optical uniformity

DNase RNase · Human DNA · PCR-inhibitor · Endo-toxins

Cat. No.	Description	Units/ box	€/ box
840621	4-Tube Strip 0.1 ml + 4 caps	250	**N/A -**

4-Tube strip 0.1 ml



- Compatible with the ROTOR GENE
- Suitable for QPCR and PCR
- Attached caps
- Anti-static
- Inscription area on the cap

Cat. No.	Description	Units/ box	€/ box
041376	4-tube strip 0.1 ml	250	**N/A -**
041377	Laser-markable 4-tube strip 0.1 ml *	250	**N/A -**

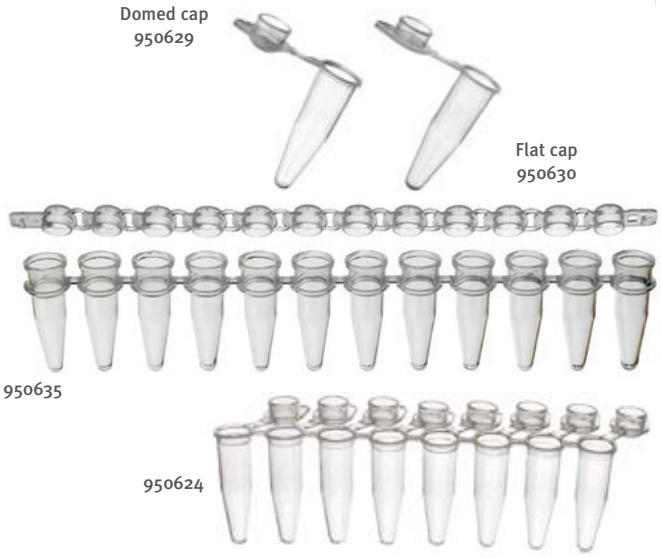
* code (number, letter, barcode) on request, to be specified when ordering.

Labcon 0.2 ml PCR microtube-strips and induvidual microtubes

- Dome cap or flat cap
- Compatible with most thermal cyclers
- Made of virgin polypropylene
- Autoclavable (122 °C, 15 min)
- Freezable at -80 °C

DNase RNase | ATP | Endo-toxins

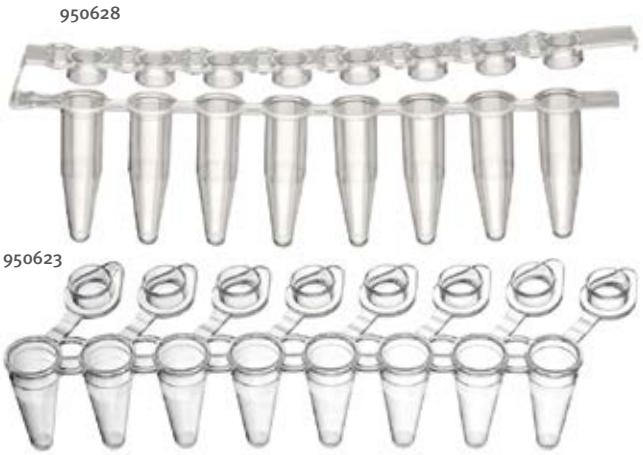
Cat. No.	Description	Units/ bag	Units/ box	€/ box
950629	PCR microtube with domed cap	1000	10000	N/A -
950630	PCR microtube with flat cap	1000	10000	N/A -
950624	8-tube strip with individual domed caps	120	1200	N/A -
950625	8-tube strip with domed caps	125	1250	N/A -
950635	12-tube strip with domed caps	80	800	N/A -
950632	12-tube strip without cap	80	800	N/A -
950631	8-domed cap strip	125	1250	N/A -
950634	12-domed cap strip	80	800	N/A -



Labcon qPCR 8-tube strips

- Optical flat caps for use in real-time PCR
- Available in white for fluorescence detection
- Compatible with most thermal cyclers
- Made of polypropylene
- Autoclavable (122 °C, 15 min)
- Freezable at -80 °C

Cat. No.	Description	Units/ box	€/ box
950627	8-tube strip 0.1 ml with individual caps attached	1200	N/A -
950626	8-tube strip 0.2 ml with individual caps attached	1200	N/A -
950628	8-tube strip 0.2 ml with caps in strip	1250	N/A -
950633	8-flat cap strip	1250	N/A -
950623	8-tube strip, opaque white 0.1 ml with individual caps attached	1200	N/A -



Labcon 4-tube strip 0.1 ml

- Compatible with the ROTOR GENE
- Made of polypropylene

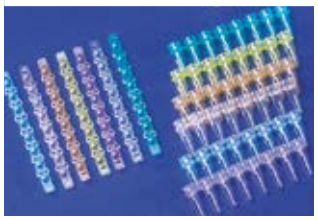
Cat. No.	Description	Units/ box	€/ box
950622	4- PCR tubes 0.1 ml with cap	250	N/A -



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PCR MICROTUBE STRIPS

Microtube strip 0.2 ml with alphanumeric marking



Microtube and cap strips for all brands of thermal cyclers.

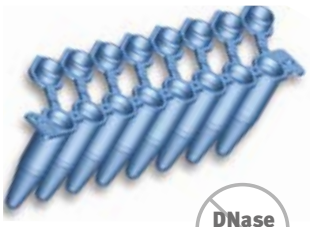
- **Extra thin wall**
- **In 8-strip**
- **Numerical marking on tube strips and alphabetical marking on cap strips**

DNase RNase

Type	Natural	Units/ box	€/ box	Orange	Units/ box	€/ box
Tubes + 8-cap strip	016000T	250	N/A -	077585C	120 x 8	N/A -

8 microtube strip 0.2 ml, high profile with individual optical caps attached





DNase RNase

- **With frosted marking area at both ends of the strip**
- **Suitable for use in virtually all PCR equipment**
- **The strips are mounted in the matrix system (038718, see page 218), allowing 96 microplate tubes to be transported at once**
- **Tubes with flat optical caps for quantitative PCR**

Colour	With flat optical cap	With flat optical cap	With domed cap
Natural	038735B	038440B	038746
Red	038736B	038441B	038747
Blue	038737B	038442B	038748
Greent	038738B	038443B	-
Yellow	038739B	038444B	-
Orange	038740B	038445B	038751
Violet	038741B	038446B	-
Amber	-	-	038753
Packaging unit	300 x 8	120 x 8	120 x 8
€	N/A -	N/A -	N/A -
Natura sterile	038745B	038448B	038756
Packaging unit	300 x 8	120 x 8	120 x 8
€	N/A -	N/A -	N/A -

Microtube strip 0.2 ml with individual cap or in strip





8-PCR microtube strip 0.2 ml with the strip of 8 caps attached laterally - or with 8 individual caps attached.

- **Avoids searching for tubes and caps**
- **Eliminates cross-contamination**
- **Domed or flat caps**

PCR-inhibitor DNase RNase Endo-toxins

Thermo-strip CrocStrip™0.2 ml Tubes, strip caps

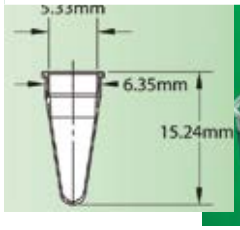
Cat. No.	Description	Cap shape	€/ box
045402	125 x 8 natural microtube strip	Domed	N/A -
048022	25 x 8 natural microtube strip	Flat*	N/A -

SnapStrip™, 0.2 ml Tubes, individual caps attached

Cat. No.	Description	Cap shape	€/ box
045405	120 x 8 natural microtube strip	Domed	N/A -
045412	120 x 8 assorted microtube strip	Domed	N/A -
048023	120 x 8 natural microtube strip	Flat*	N/A -
048024	120 x 8 low profile microtube strip	Flat*	N/A -

* QPCR special optical cap

UltraFlux low profile tube strips 0.1 ml





- **8-tube strips**
- **Low version, thin walls**
- **Suitable for quantitative and qualitative PCR**

Cat.No.	Description	Units/ box	€/ box
840637	8-tube strips+ 8 flat caps strips, transparent	250	N/A -
840638	8-white tube strips + 8-flat caps strips, transparent	250	N/A -
840639	8-Tube strips 0.1 ml	250	N/A -

UltraFlux i and UltraFlux z tube strips 0.2 ml



- **Polypropylene, non-autoclavable and non-centrifugal, temperature resistant from -80 °C to + 121 °C**
- **Transparent cap**

2 versions:

- **UltraFlux i:** also available in low profile 0.1 ml; flat, transparent, individual caps **attached**
- **UltraFlux z:** 8-flat cap strip, transparent

PCR-inhibitor DNase RNase Human DNA

Model	Natural	Blue	Green	Red	Violet	Yellow	Assortment	Units/ box	€/ box	White	Units/ box	€/ box
Ultra Flux i standard	048046	840622	840623	840624	840625	840626	840627	120	N/A -	048045	120	N/A -
Ultra Flux i low profile	840628	-	-	-	-	-	-	120	N/A -	840629	120	N/A -
Ultra Flux z standard	048022	840630	840631	840632	840633	840634	840635	125	N/A -	840636	120	N/A -

Vari-Strips 8-PCR tube strips

Low profile PCR strips can be used alone or inserted into frames for adaptation to common thermal cyclers.

- Made of medical grade virgin polypropylene
- Available in white for fluorescence detection
- 3 frames suitable for the most common thermal cyclers (LC480, Abi Fast Block, standard 96-well skirted PCR plate)
- Available in frame-mounted version

DNase RNase | Human DNA



448014



Type of Vari-Strips	White strips			naturalstrips		
	Cat. No.	Units/ bag	€/ bag	Cat.No.	Units/ bag	€/ bag
Alone without caps	448011	120	N/A -	448012	120	N/A -
Alone with optical flat caps	448013	120	N/A -	045656	120	N/A -
On standard white skirted frame	448017	50	N/A -	448018	50	N/A -

Vari-Strip PCR frames alone

Cat.No.	Description	€ 10 units
448074	Frame 480/96 for LC480 white	N/A -
448075	FAST Block ABI frame white	N/A -
448014	Standard white skirted frame	N/A -

FrameStrip™ 8-PCR tube strips

- Polycarbonate frame and virgin polypropylene wells: reduces the risk of well-to-well contamination during cap removal
- Blank thin-walled polypropylene PCR tubes
- Installation and removal tabs
- White wells for QPCR or optical testing
- Available with domed or flat transparent caps (QPCR)



DNase RNase

Rigid PCR strip



WEB

Enter the Cat. No. on dulis.nl to display the the compatibility guide for 4titude plates

Frame colour	8-clear tube strips and domed caps	8-clear tube strips and flat transparent caps	8-White tube strips and transparent flat caps
Blue	044820	044824	-
Green	044821	044825	-
Violet	044819	044826	-
Red	044822	044827	-
Black	044823	044828	044829
Assorted	044873	044874	-
Packaging unit	120 strips	120 strips	120 strips
€	N/A -	N/A -	N/A -

8-PCR tube strips

- Made of medical grade virgin polypropylene (Low Bind) - manufactured in clean room
- Individual optical flat caps for fluorescence (QPCR)
- Tubes attached to each other by 3 clips for better rigidity

DNase RNase | Pyro-genic



Cat. No.	Description	Attached caps	Units/ box	€/ box
045661	8-Tube strip 0.1 ml	Optical dishes	120	N/A -
045660	8-Tube strip 0.2 ml	Optical dishes	120	N/A -
045684	8-Tube strip 0.2 ml	Domed	120	N/A -

4-PCR tube strips 0.1 ml for Corbett/Qiagen Rotor-Gene

- Made of polypropylene
- Optimised strips for the Corbett/ Qiagen Rotor-Gene PCR machine
- 4 x 0.1 ml tubes
- Supplied with flat cap strips
- Separable strips and caps for individual use

DNase RNase | Human DNA | Pyro-genic

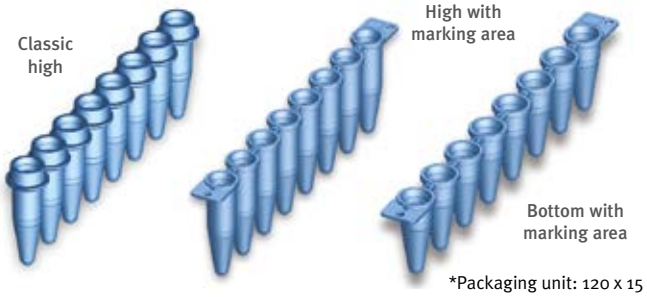


Cat. No.	Description	Units/ box	€/ box
448037	4-PCR tube strip 0.1 ml	250	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Microtube strips for PCR and QPCR E.U.

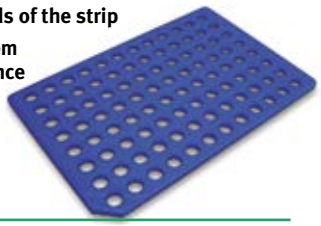
E.U. for "Extremely uniform". Same general characteristics as the individual E.U. microtubes for PCR and QPCR (see page 209).



*Packaging unit: 120 x 15

8-tube low profile strips

- Suitable for use in most standard PCR instruments or for real-time PCR with height-adjustable lid
- With frosted marking area at both ends of the strip
- Strips fit into the 038718 matrix system to transport 96 microplate tubes at once
- For use with EU flat cap strips (series 038725B) or EU half dome optical cap strip (series 038633)



E.U. matrix support

Cat. No.	Description	€
038718	E.U. matrix holder for PCR tubes/strips	N/A -

8-tube high profile strips

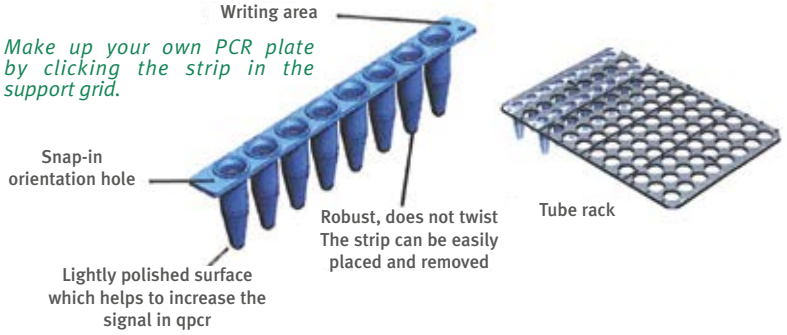
DNase RNase

- Series 038611: combines the advantages of the "EU" wall with the shape of conventional PCR tubes
- Series 038622: with frosted marking area at both ends of the strip
- Suitable for use in almost all PCR equipment
- For use with EU flat cap strips (series 038725B) or EU half dome optical cap strips (series 038636) - see below
- Strips fit into the 038718 matrix system to transport 96 microplate tubes at once

Type	High profile classic 0.2 ml	High profile + marking area	Low profile + marking area	Low profile, high strength
Natural	038611	038622	038309B	038789
Red	038612	038623	-	-
Blue	038613	038624	-	-
Green	038614	-	-	-
Yellow	038615	-	-	-
Orange	038616	038627	-	-
Violet	038617	-	-	-
Amber	038618	038629	-	-
White	038619	-	041388*	-
Black	038620	-	-	-
Packaging unit	120 x 8	120 x 8	120 x 8	120 x 8
€	N/A -	N/A -	N/A -	N/A -
Natural sterile	038621	038632	-	-
Packaging unit	120 x 8	120 x 8	-	-
€	N/A -	N/A -	-	-

8-PCR tube strip 0.2 ml E.U

Make up your own PCR plate by clicking the strip in the support grid.



- Low evaporation
- Extra robust, no risk of deformation
- Compatible with most PCR and QPCR devices including ABI 7300 and ABI 7500

Cat.No.	Description	Units/ box	€/ box
038795	8-Tube strip 0.2 ml	120	N/A -
038796	8-flat optical cap strip	120	N/A -
038798	Reusable natural grid tube holder	8	N/A -

Optical cap strips







Universal flat optical caps

- For all Bioplastics (EU) brand microplates and tube strips
- For applications in QPCR, storage or PCR
- Caps cut into the plastic tab avoid the risk of touching the optical part of the cap

Real-time PCR flat optical caps

- Can also be used for conventional thermal cycles
- With glass-like transparent area that equals the performance of QPCR adhesives
- For use with high or low profile tube strips

Semi-domed optical caps

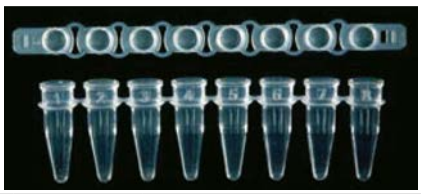
- 8-Semi-domed optical cap strips are used for QPCR due to their optically flat area at the top of the cap
- For use with high or low profile tube strips

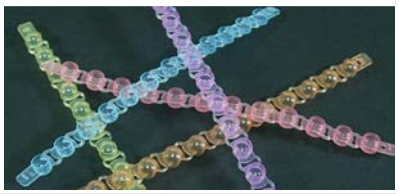
Type	Flat	Flat	Semi-domed	Semi-domed	Flat
For tubes	Low profile,	High profile	Low	High profile	Universal
Natural	038725B	038317B	-	-	038791
Red	-	-	-	038636	-
Blue	-	-	-	-	-
Green	-	-	038639	038640	-
Yellow	-	-	-	038642	-
Orange	038730	038322	-	038644	-
Violet	-	-	-	038646	-
Amber	038732	-	-	038648	-
White	-	-	038649	-	-
Packaging unit	300 x 8	120 x 8	300 x 8	120 x 8	120 x 8
€	N/A -	N/A -	N/A -	N/A -	N/A -
Natural sterile	038734	038327	-	038654	-
Packaging unit	300 x 8	120 x 8	-	120 x 8	-
€	N/A -	N/A -	-	N/A -	-

Ultraflux®PCR strips and tubes

- 8 or 12 PCR microtube strips, alone or with domed or flat cap
- 0.2 ml Microtube

DNase RNase





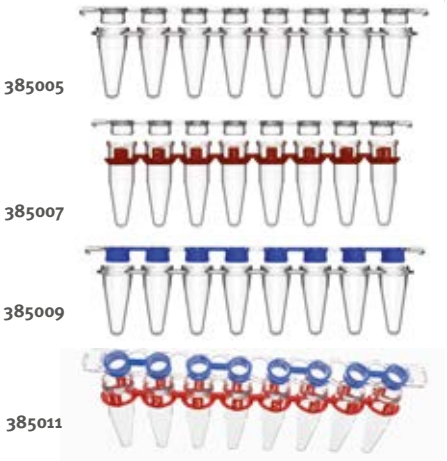
Colour	8-strip					12-strip				
	Microtubes	Microtubes an domed caps	Domed caps	Microtubes and flat caps	Flat caps	Microtubes	Microtubes an domed caps	Domed caps	Microtubes and flat caps	Flat caps
Blue	840561	840573	840549	-	-	840567	-	840555	-	-
Green	840562	840574	840550	-	-	840568	840579	840556	-	-
Red	840563	840575	840551	-	-	840569	840580	840557	-	-
Purple	840564	840576	840552	-	-	840570	840581	840558	-	-
Yellow	840565	840577	840553	-	-	840571	-	840559	-	-
Assorted	840566	840578	840554	-	-	840572	840536A	840560	-	-
Units/box	125 x 8	125 x 8	125 x 8	-	-	80 x 12	80 x 12	80 x 12	-	-
€/box	N/A -	N/A -	N/A -	-	-	N/A -	N/A -	N/A -	-	-
Natural	840543	840546	840583	840872	840542	016007	048047	016008	840873	840874
Units/box	125 x 8	125 x 8	125 x 8	125 x 8	125 x 8	80 x 12	800 x 12	80 x 12	80 x 12	80 x 12
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

8-PCR or qPCR microtube strips

- In transparent polypropylene
- QPCR version: optical cap, high detection sensitivity
- Low force cap version for effortless closure of microtubes
- Available in a numbered version for easy identification

DNase RNase · Human DNA · Pyro-genic

Version	Volume (ml)	PCR microtube strips	€ 120 units	QPCR microtube strips	€ 120 units
Classic	0.1	385005	N/A -	385006	N/A -
Numbered	0.2	385007	N/A -	385008	N/A -
With reduced force	0.1	385009	N/A -	385010	N/A -
Numbered and reduced force	0.2	385011	N/A -	385012	N/A -



8-Cap strips for PCR or qPCR microtubes

- In transparent polypropylene
- QPCR version: optical cap, high detection sensitivity
- Available with low force cap for effortless closure of microtubes

Cat. No.	Description	Units/ box	€/ box
385013	8-PCR cap strip	120 x 2	N/A -
385014	8-qPCR cap strip	120 x 2	N/A -
385015	8-PCR cap strip, reduced strength	60 x 2	N/A -
385016	8-qPCR cap strip, reduced strength	60 x 2	N/A -

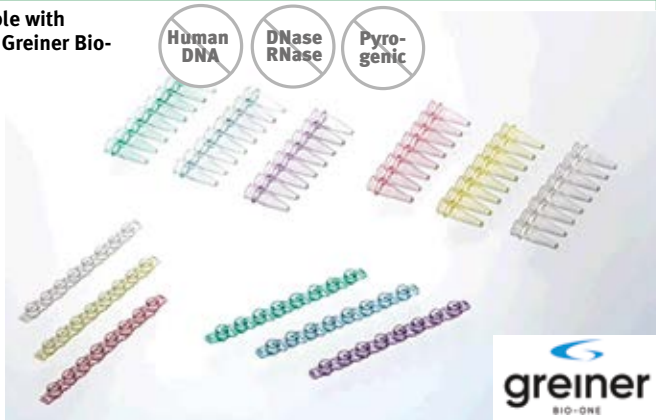


DNase RNase · Human DNA · Pyro-genic

Greiner Bio-One PCR and qPCR 8-microtube strips/8-cap strips

- Medical grade PP without additives
- Full compatibility with all thermal cyclers
- Thin wall for better temperature transfer
- Tubes with ultratransparent flat cap = qPCR and rt-qPCR
- All cap strips are compatible with Sapphire microplates and Greiner Bio-One 8-mictrotube strips

Human DNA · DNase RNase · Pyro-genic



Cat. No.	Colour	Volume (ml)	Caps	Units/ bag	Units/ box	€/ box
8-Microtube strips						
673210	Natural	0.2	Without	125	1250	N/A -
8-Cap strips						
373270	Natural	-	Domed	125	1250	N/A -
373250	Natural	-	Flat	125	1250	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Mμlti 96-well PCR plates





Polypropylene thin-walled 96-well plates for use with all types of thermal cyclers.

- **Printed alphanumeric grid**
- **Rigid, heat-resistant**
- **Models with low profile skirt or without ultra flat skirt**

DNase RNase

	μltra-Plate non skirted		Skirted plate low profile	
Colour	**Cat. No.**	**€ 25 units**	**Cat. No.**	**€ 25 units**
Natural	**021970**	**N/A -**	**023080**	**N/A -**
Natural - 100 units	**026190**	**N/A -**	**02844**	**N/A -**
Blue	**021990**	**N/A -**	**023100**	**N/A -**
Yellow	**022010**	**N/A -**	**023120**	**N/A -**
Red	**021980**	**N/A -**	**023090**	**N/A -**
Green	**022000**	**N/A -**	**023110**	**N/A -**
Violet	**022170**	**N/A -**	**-**	**-**
Black	**037860**	**N/A -**	**037360**	**N/A -**
White	**037870**	**N/A -**	**037370**	**N/A -**

Accessories

Cat. No.	Description	Units/ box	€/ box
106570B	Aluminium Closing Tape	100	**N/A -**

Mμlti half-skirted 96-well PCR plates for ABI



For ABI thermocyclers and DNA analysers.

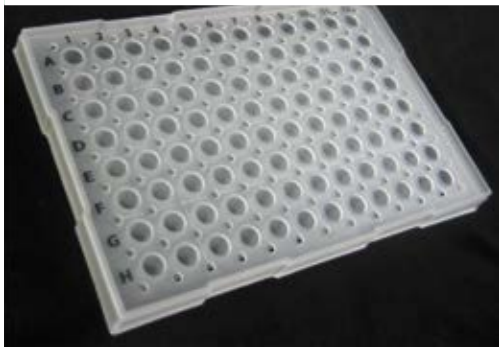
- **Pan cut for easy orientation of the plate**
- **Alphanumeric and black printing of the wells**
- **Raised edge all around the plate for better overlapping of the plates**
- **Half-skirted providing a marking surface and easy handling for robots**

DNase RNase · Pyro-genic · Human DNA · PCR-inhibitor

Colour	Natural	Red	Blue	Green	Yellow	Violet	Black	White	Natural*
Cat. No.	**035800**	**035820**	**035840**	**035810**	**035830**	**035850**	**037380**	**037390**	**035900***
€ 25 units	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* 4 x 25, prices for 4 x 25

Mμlti 96-well PCR plate, half-skirted, reinforced edge



96-well plate, Thin-walled, for use in any thermal cycler.

- **Alphanumeric index printed in black**

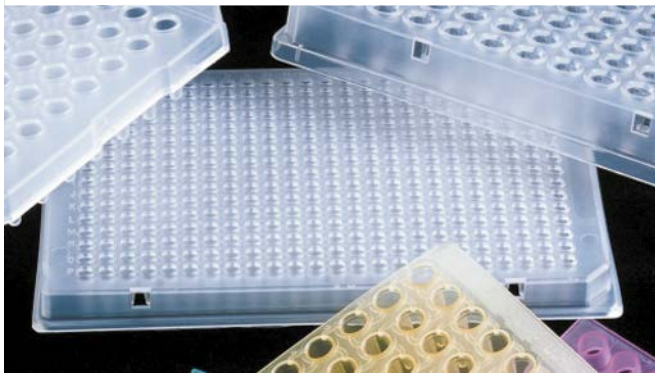
Cat.No.	Description	Units/ box	€/ box
174370	96-well PCR plate, Half-skirted, reinforced edge	4 bags of 25	**N/A -**

DNase RNase · Human DNA · Pyro-genic

Accessories

Cat. No.	Description	Units/ box	€/ box
490010	Silicone mat for ABI 3100	10	**N/A -**
712201	Silicone mat for ABI 3100	50	**N/A -**
136590	Adhesive film for other ABI systems	100	**N/A -**

μltra-Plate 384-well PCR plate



384-well rigid polypropylene PCR plate.
Compatible with ABI 3700 and ABI 3730.

- **Alphanumeric index printed in black**
- **Total volume of each well: 40 μl**
- **Work volume for each well: 25 μl**
- **Autoclavable**

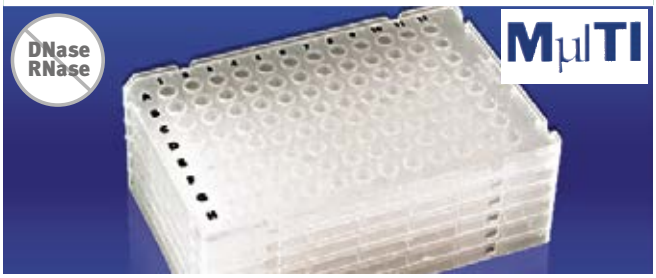
DNase RNase

Colour	Natural	Red	Blue	Green	Yellow	Black	White	€ 50 units
Cat. No.	**039620**	**037910**	**037920**	**037930**	**037940**	**037970**	**037980**	**N/A -**



Enter the Cat. No.on dulis.nl to see the PCR plates compatibility guide

FastPlate PCR plate for ABI + reagent kit



Plate

- 96-well plate with printed markings
- Specially designed for the ABI 9800 and 7500 FAST thermal cyclers
- Very transparent low profile
- Can also be used on most thermal cyclers

Reagent

- "Inferno Master Mix" specially designed for the specific protocols of the ABI 9800
- The kit includes 2 flasks of Master Mix (1250 µl each) for 250 reactions
- The formula combines a Taq and a buffer mix

Cat. No.	Description	Units/ box	€/ box
138800	PCR FastPlate Plate	25 plates	N/A -
138900	PCR FastPlate Plate	4 x 25 plates	N/A -
011670	Inferno Master Mix	2 x 1250 µl	N/A -

96 and 384 well PCR plates for Light Cycler®



- Polypropylene, white
- Specially designed for the Light Cycler® Roche®
- For use only with adhesive film Cat. No. 136590

Cat. No.	Description	Units/ box	€/ box
138870	96-well PCR plate for Light Cycler®	100	N/A -
138820	384-well PCR plate for Light Cycler®	100	N/A -
136590	Adhesive film for QPCR plate	100	N/A -



Enter the Cat. No.on dulis.nl to see the PCR plates compatibility guide

ClearLine®PCR Plates

- 96-well plate
- Natural
- Alphanumeric index printed in black

PCR-inhibitor · DNase RNase · Human DNA · Pyro-genic

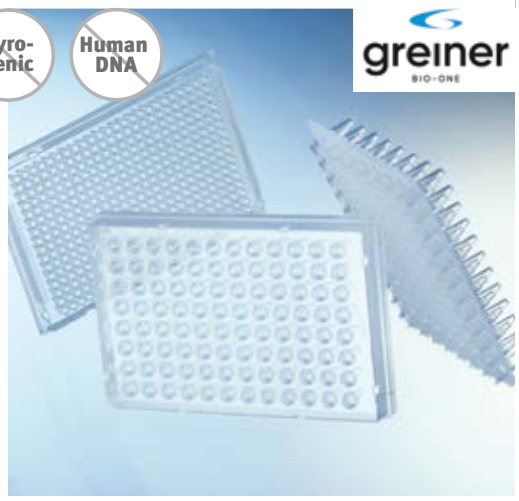
Cat. No.	Skirt	Working volume	Format	Other features	Units/ box	€/ box
257047	Non skirted	200 µl	Universal	Flange around each well for easy sealing	100	N/A -
257048	Skirted	200 µl	Universal	Low profile, CFX96 compatible	100	N/A -
257049	Half-skirted	200 µl	Universal	Flange around each well for easy sealing	100	N/A -
257050	Half-skirted	100 µl	ABI	Fast plate, low profile, ultra-transparent wells	100	N/A -



Greiner Bio-One Sapphire PCR and qPCR Microplaques

- Compatibility guide available + possible samples for testing
- Medical grade PP without additives
- Alphanumeric marking
- Greiner Bio-One AMPLIseal optical film seal for PCR/qPCR 676040 or 3732XX 8-cap strip

DNase RNase · Pyro-genic · Human DNA

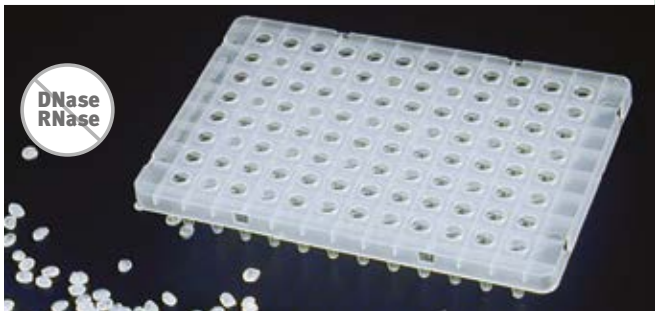


Cat.No.	Colour	Format	Vol. (µl)	Skirt	Specifications	Units/ bag	Units/ box	€/ box
652201B	Natural	96	200	No	Biorad (CFX96) and Eppendorf	10	100	N/A -
652250	Natural	96	200	No	Universal	10	100	N/A -
652210	Natural	96	100	No	Universal Low profile	10	100	N/A -
669285	White	96	200	1/2 skirted	LC96 and LC480	25	100	N/A -
652290B	Natural	96	200	1/2 skirted	Almost universal	10	100	N/A -
652260B	Natural	96	200	1/2 skirted	ABI Design	10	100	N/A -
652270B	Natural	96	200	Skirted	-	10	40	N/A -
785201	Natural	384	25	Skirted	CFX384, LC96	15	60	N/A -
785285	White	384	25	Skirted	and LC480	25	100	N/A -
785290	Natural	384	25	Skirted	ABI compatible	15	60	N/A -

EU quantitative PCR microplates

- Skirted Low profile or skirtless (easily cut into 16, 24, 32 or 48 well strips)
- One-piece moulding, uniform and thin wall
- Frosted tubes for PCR and real-time PCR applications

Cat.No.	Description	Colour	Units/ box	€/ box
038759	Skirted plate	Natural	25	N/A -
038771	Non-skirted Plate	Natural	25	N/A -
038772	Non-skirted Plate	White	25	N/A -
038317B	Optical cap strips		120 x 8	N/A -
038712	Optical adhesive		100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Framestar 96 and 384-well PCR Microplates

UNALTERABLE!



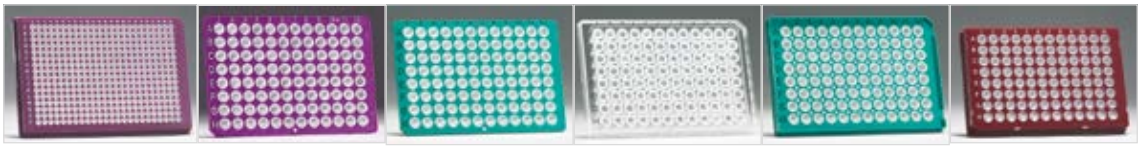


Comparison Low Profile (left) /standard (right)

- **Hardshell PCR plates with two plastic components: rigid polycarbonate for frame and skirt, medical grade polypropylene wells, thin wall**
- **Alphanumeric marking for better visibility**
- **SBS standard before and after PCR**
- **Recommended for low volume PCR**
- **Reliable use with robots and stackers**
- **Thin wall, no deformation, better adhesion of adhesive films, optimised for heat sealing**
- **Reduced evaporation, reagent savings**
- **Well integrity guaranteed**
- **Clean room production**
- **Optional barcode and colour**
- **Compatibility of plates with PCR robots or devices and production batch certificate on request**

Human DNA

DNase RNase



Applications		Ideal for robotic applications.	Compatible with most thermal cyclers.	Recommended for low volume PCR.	ABI compatible universal plate	Suitable for thermal cyclers and ABI sequencers.	Ideal for robotic applications and low volume PCR.
Frame/well colours	**Units/ box**	384-well plates	96-Well plate, non skirted, standard	96-well plate, non skirted, low profile	96-Well plate, semi skirted	96-well plate, semi skirted, ABI	96-well plate Skirted
Violet/Natural		**044706**	**044712**	**044729**	-	**044713**	**044700**
€/box	50	**N/A -**	**N/A -**	**N/A -**	-	**N/A -**	**N/A -**
Blue/Natural		**044707**	**044723**	**044730**	-	**044753**	**044701**
€/box	50	**N/A -**	**N/A -**	**N/A -**	-	**N/A -**	**N/A -**
Natural/Natural		**044751**	**044724**	**044731**	**044783**	**044754**	**044764**
€/box	50	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Green/Natural		**044708**	**044725**	-	-	**044755**	**044702**
€/box	50	**N/A -**	**N/A -**	-	-	**N/A -**	**N/A -**
Red/Natural		**044709**	**044726**	-	-	**044756**	**044703**
€/box	50	**N/A -**	**N/A -**	-	-	**N/A -**	**N/A -**
Black/Natural		**044710**	-	-	-	**044757**	**044704**
€/box	50	**N/A -**	-	-	-	**N/A -**	**N/A -**
Black/White		**044711**	**044728**	**044763**	**044786**	-	**044705**
€/box	50	**N/A -**	**N/A -**	**N/A -**	**N/A -**	-	**N/A -**
Black/Black		**044715**	-	-	-	-	-
€/box	50	**N/A -**	-	-	-	-	-
Natural/ Frosted		**045681**	-	-	**045682**	-	-
€/box	50	**N/A -**	-	-	**N/A -**	-	-
Grey/natural		-	-	-	-	-	**045685***
€/box	50	-	-	-	-	-	**N/A -**

* With rigid skirt, for use with PerkinElmer® Sciclone robots

FrameStar Break-A-Way™96-well PCR microplates







WEB

Enter the Cat. No.on dulis.nl to see the PCR plates compatibility guide

1st hand-breakable plate

Combine the advantages of a PCR tube with the ease of handling of a rigid plate.

- **Manually Divisible plates, at all temperatures, up to 8-strips: maximum flexibility of use!**
- **96 wells with raised edges**
- **Alphanumeric marking**
- **Cat. No. 044846 with white wells for qPCR**
- **Well Volume: 250 µl (useful volume)**
- **Autoclavable**
- **Compatible with most thermal cyclers**

Human DNA

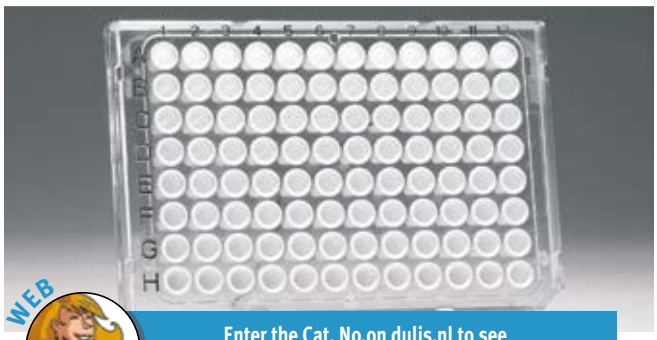
DNase RNase

Frame/well colours	96-well plate, Break-A-Way™	96-well plate Break-A-Way™ - low profile	**Units/ box**	**€/ box**
Violet/Natural	**044840**	-	50	**N/A -**
Blue/Natural	**044841**	-	50	**N/A -**
Natural/Natural	**044845**	**044996**	50	**N/A -**
Green/Natural	**044842**	**044999**	50	**N/A -**
Red/Natural	**044843**	-	50	**N/A -**
Black/Natural	**044844**	**044875**	50	**N/A -**
Black/White	**044846**	-	50	**N/A -**

Framestar 480 PCR Microplates for Roche LC480

- 96 and 384 well plate for QPCR
- Skirted or semi-skirted with cut edge at the bottom right
- Rigid, transparent polycarbonate frame
- Black alphanumeric marking for lightcycler
- Thin-walled polypropylene white wells
- Made in clean room
- Bar codes on request

DNase RNase · Human DNA · Pyro-genic



WEB

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Frame/well colours	Units/ box	96 semi-skirted wells	384-well skirted
Transparent/White	50	044798	044804
€/box		N/A -	N/A -
Transparent/Transparent	50	044799	044805
€/box		N/A -	N/A -

QPCR adhesive seal plates and film

Cat. No.	Description	Units/ box	€/ box
044802	Plate 044798 + film 016540F	50	N/A -
044803	Plate 044799 + film 016540F	50	N/A -
044806	Plae 044804 + film 016540F	50	N/A -
044807	Plate 044805 + film 016540F	50	N/A -

Films for sealing (see details on page 411)

Cat. No.	Description	Packaging	€
016540F	QPCR adhesive seal	100 sheets	N/A -
016427F	Clear Seal (manual sealer)	100 sheets	N/A -







FrameStar FastPlate 96-well Semi-skirted Microplate

- PCR 96-well plate
- Compatible with FAST blocks on ABI machines (PCR and QPCR)
- Polycarbonate frame for greater rigidity
- Polypropylene wells, thin wall to optimise heat transfer
- Plate with white wells to optimise quantitative PCR results
- Frosted well plate for improved read sensitivity

DNase RNase · Pyro-genic · Human DNA



Cat.No.	Type	Number of wells	Frame colour	Well colour	Bar code	Units/ box	€/ box
044801	Semi-skirted	96	Transparent	Transparent	No	50	N/A -
044800	Semi-skirted	96	Transparent	White	No	50	N/A -
045683	Semi-skirted	96	Transparent	Frosted	No	50	N/A -

Framestar 96-well universal semi-skirted plate

- Universal semi-skirted plate
- Corner cut in H1
- Polycarbonate frame
- Virgin polypropylene wells, thin wall

Human DNA · DNase RNase



Cat. No.	Description	Units/ box	€/ box
044808	Framestar 96-well universal semi-skirted plate universal, transparent frame and wells	50	N/A -
044809	Framestar 96-well universal semi-skirted plate universal, transparent frame white wells	50	N/A -

4titude cap strips for microplates

Cat. No.	Description	€ 300 units
044737	Domed cap strips for 4titude PCR plates	N/A -
044739	Optical flat cap strips for PCR 4titude plates	N/A -

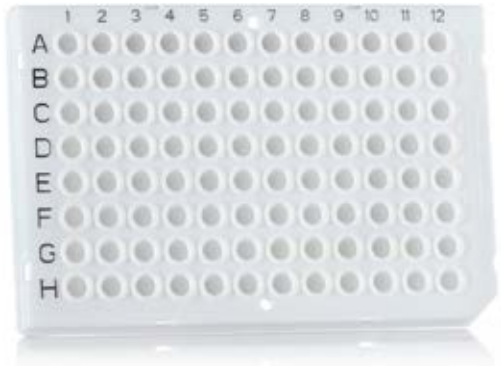


WEB

Enter the Cat. No.on dulis.nl to see the PCR plates compatibility guide

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96-well PCR plate for LightCycler 480

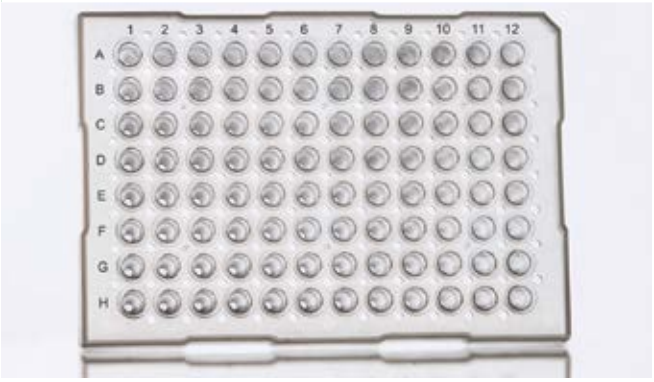


- Virgin polypropylene
- Semi-skirted plate
- Low profile
- Alphanumeric marking
- SBS format
- LightCycler 480 compatible
- Working volume: 150 µl
- Total volume: 200 µl

DNase RNase · Human DNA · Pyro-genic

Cat. No.	Description	Units/ box	€/ box
448010	96-well plate	50	N/A -
922240	96-well plate + qPCR film (140 x 77 mm)	50	N/A -

96-well PCR plate for ABI

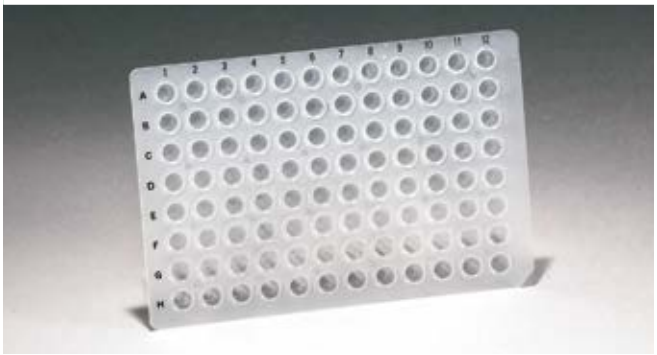


- Virgin polypropylene
- Semi-skirted plate
- Cut corner A12
- Working volume: 200 µl
- Total volume: 300 µl
- ABI thermocyclers and sequencers compatible - except for Fast block
- Frosted well plate for improved qPCR signal intensity and read sensitivity

DNase RNase · Human DNA · Pyro-genic

Cat. No.	Description	Units/ box	€/ box
922239	96-well plate, Semi-skirted	50	N/A -

96-well PCR Non-skirted plate with black marking

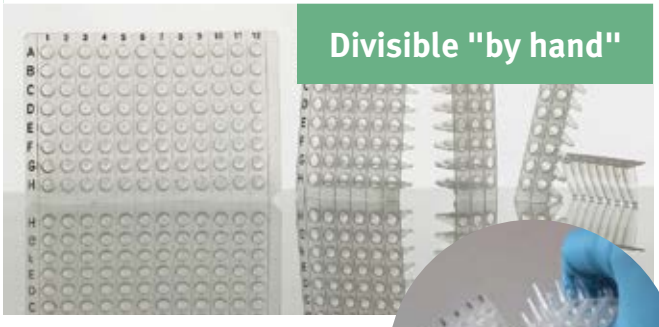


- Made of virgin polypropylene
- Universal plate compatible with most thermal cyclers and sequencers (ABI, Biorad, Eppendorf, etc.)
- Black marking for easy filling of wells
- Compatible with adhesive films, sealing films and flat and domed cap strips

DNase RNase · Human DNA · Pyro-genic

Cat. No.	Description	Units/ box	€/ box
044759	96-well universal PCR plate, non-skirted, black marking	50	N/A -

Tear-A-Way™96-well PCR plate



- Universal 96-well PCR plate, virgin medical grade polypropylene
- Non-skirted, raised edge well
- Pre-cut, divisible by hand into sections or strips of 8 or 12 wells
- Economical: no need to use scissors and plate cutters
- Eliminates the risk of contamination associated with cutting
- Compatible with most thermal cyclers, SBS format
- Useful volume of wells: 250 µl
- Black alphanumeric well marking
- Autoclavable
- Compatible with cap strips

DNase RNase · Pyro-genic · Human DNA

Cat. No.	Colour	Skirt	Breakable into strips of	Units/ box	€/ box
044872	Natural	Without	8	50	N/A -
044994	White	Without	8	50	N/A -
045678	Natural	Without	12	50	N/A -

Cap-strips for 4titude plates

Cat.No.	Description	Units/ box	€/ box
044737	8-domed cap strip for 4titude PCR plates	300	N/A -
044739	8-optical flat cap strip for 4titude PCR plates	300	N/A -
045679	12-optical flat cap strip for 4titude PCR plates	200	N/A -

96-well skirted PCR plate



- Made of virgin polypropylene
- Black marking for easy filling of wells
- Low profile plate, with a working volume of 0.2 ml per well
- Corner cut for easy orientation of the plate
- Stackable
- Compatible with adhesive films, sealing films and flat and domed cap strips
- Barcodes available

Cat. No.	Description	Units/ box	€/ box
044760	96-well PCR plate, skirted	50	N/A -

96-well semi-skirted PCR plate



- Made of virgin polypropylene
- Specially designed for ABI thermal cyclers
- Natural
- Manufactured in clean room
- Contaminant free

Cat. No.	Description	Units/ box	€/ box
016657B	96-well PCR plate, Semi-skirted	50	N/A -
448062	96-well QPCA semi-skirted plate*	50	N/A -

* not marked, Non-contractual photo.

TIP

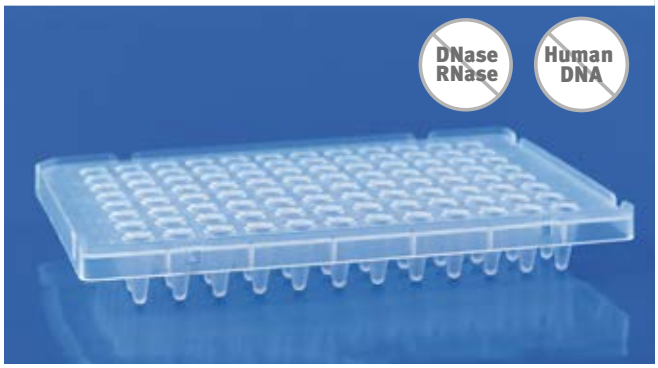


Find our adhesive films for PCR plates on page 237 and 413

96-well PCR and qPCR plate for Fast-PCR MicroAmp

- Virgin polypropylene
- Specially designed for Fast System and Genetic/DNA Analyzer thermal cyclers
- Ultra-thin wall: promotes fast, optimal and homogeneous heat transfer (increased reproducibility)
- Constant well thickness: reduces experimental artefacts

Cat.No.	Description	Units/ box	€/ box
017985	96-well PCR and qPCR plate for Fast-PCR MicroAmp	10	N/A -



Endura 96-well PCR and qPCR plate

- Virgin polypropylene
- Robust, high plate stability in post PCR
- Alphanumeric marking
- Ultra-thin wall: promotes fast, optimal and homogeneous heat transfer (increased reproducibility)
- Suitable for use in robotics or high-speed platforms

Cat. No.	Description	Units/ box	€/ box
017986	Endura 96-well PCR and qPCR plates	20	N/A -



NB: Non-contractual photo.

96-well optical PCR and qPCR plate

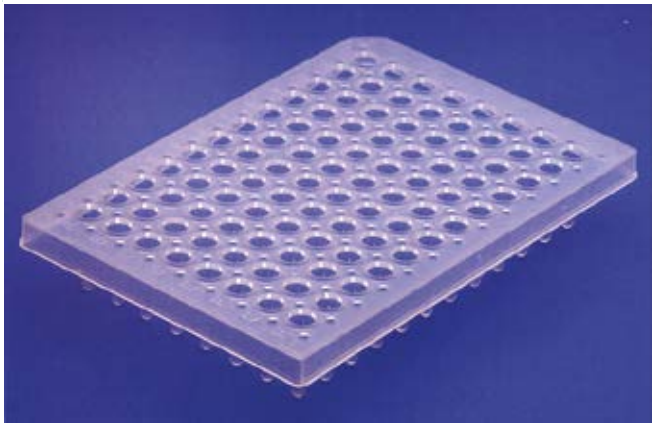
- Made of polypropylene
- No auto-fluorescence
- Uniformity of temperature from one well to another

Cat. No.	Description	Units/ box	€/ box
017984	96-well Semi-skirted optical plate	10	N/A -
017987	96-well Semi-skirted optical plate	500	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Abgene®96-well®96-well PCR Plate



Human DNA · DNase RNase · Endo-toxins

- SBS format
- Ultra-thin wall: promotes fast, optimal and homogeneous heat transfer (increased reproducibility)
- Extremely smooth, medical grade virgin polypropylene with no risk of DNA adsorption on the walls
- Available in white for quantitative PCR
- Each certified batch is free of DNase, RNase and human DNA (certificate included in each box)
- Quality control certificate provided
- Optical and electrical testing to ensure absence of micropores
- Flange around each well to eliminate the risk of cross-contamination and allow for different sealing methods

Different models to meet your individual needs or applications:
- aBgene® standard plate (volume 0.3 ml);
- low Profile skirted plate (volume 0.2 ml);
- skirted plate for robotics (reinforced plate);
- Divisible or rigid semi-skirted plate (volume 0.3 ml);
- rigid plate for robotic applications;
- ultra rigid SuperPlate to avoid post-PCR distortion, ideal for robotic applications;
- random barcode version available on request for skirted and half-skirted plates (natural and white).

ABgene series	Units/ box	Natural	Natural mark.*	€/ box	White	White mark.*	Black	€/ box	Yellow	Red	Violet	Green	Blue	€/ box
Thermo-Fast 96-well plate														
AB-0600	25	016015	017351	N/A -	016179	-	-	N/A -	016181	016182	016183	016184	016185	N/A -
Thermo-Fast 48-well plate														
AB-0648	50	016187	-	N/A -	-	-	-	-	-	-	-	-	-	-
Thermo-Fast 24-well plate														
AB-0624	50	016021	-	N/A -	-	-	-	-	-	-	-	-	-	-
Low Profile 96-well plate														
AB-0700	25	016204	-	N/A -	016206	017941	-	N/A -	016208	016209	016210	016211	016212	N/A -
Low Profile 96-well skirted plate														
AB-0800 / AB-0800-L	25	016214	016680	N/A -	016215	016681	016216	N/A -	016217	016218	016219	016220	016221	N/A -
	25	-	-	-	-	-	-	-	-	017953*	017952*	017951*	017950*	N/A -
SuperPlate 96-well PCR plate, Low Profile, Skirted														
AB-2800	25	-	017219	N/A -	-	017220	-	N/A -	-	-	-	-	-	-
96-Well Semi-skirted plate, Divisible														
AB-0900	25	016223	-	N/A -	016224	-	-	N/A -	016226	016227	016228	016229	016230	N/A -
96-well rigid semi-skirted plate														
AB-0990	25	016232	-	N/A -	-	-	-	-	-	-	-	-	-	-
Low Profile 96-well skirted plate for robotics														
AB-1300	50	016547	-	N/A -	-	-	-	-	-	-	-	-	-	-
Detection semi-skirted 96 well plate for ABI														
AB-1100	25	016314	-	N/A -	-	-	-	-	-	-	-	-	-	-
Mark II 96-well semi-skirted detection plate														
AB-1400 / AB-1400-L	25	016657	016682	N/A -	016659	016683	016660	N/A -	-	017946*	017944*	-	017942*	N/A -
Mark II SuperPlate 96-well semi-skirted plate														
AB-2400	25	-	017232	N/A -	-	017233	-	N/A -	-	-	-	-	-	-
Low profile skirted 96 well PCR plate														
BC-0800	25	-	017795	N/A -	-	017796	-	N/A -	-	-	-	-	-	-

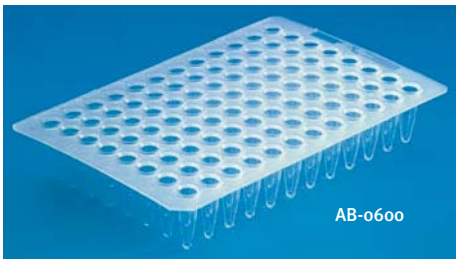
* Black alphanumeric marking

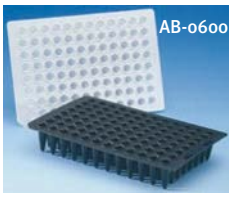


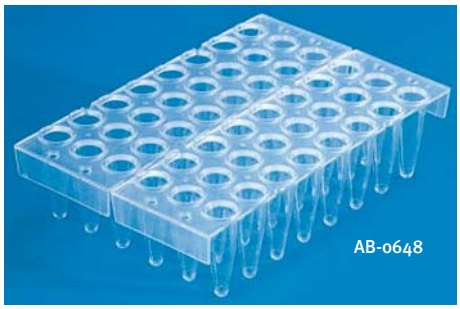
Enter the Cat. No.on dulis.nl to see the PCR Abgene plates compatibility guide

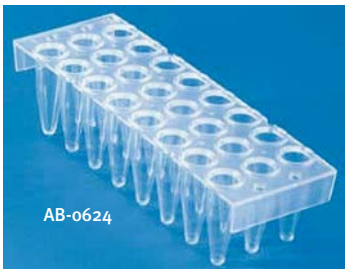


AB-0600 AB-0700 Low Profile

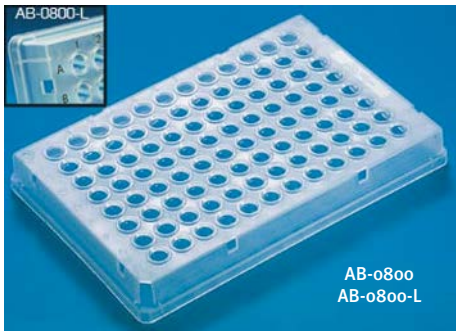




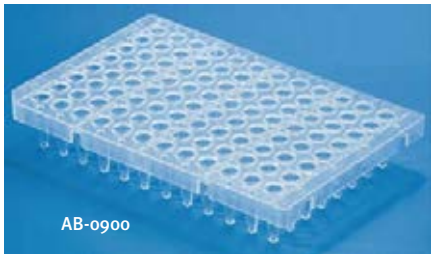


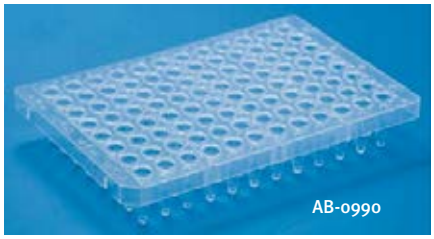




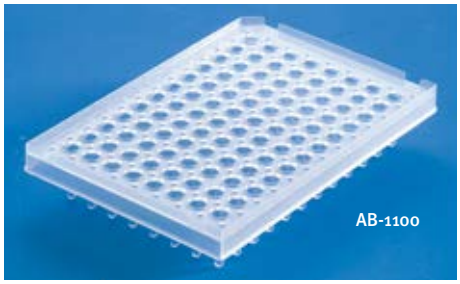


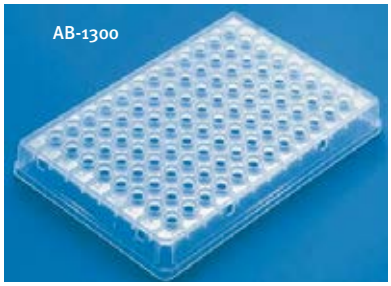


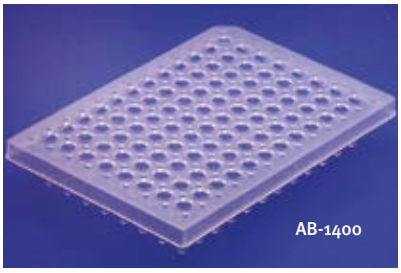


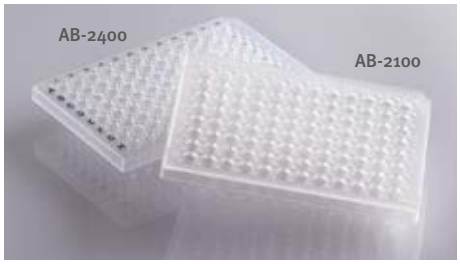












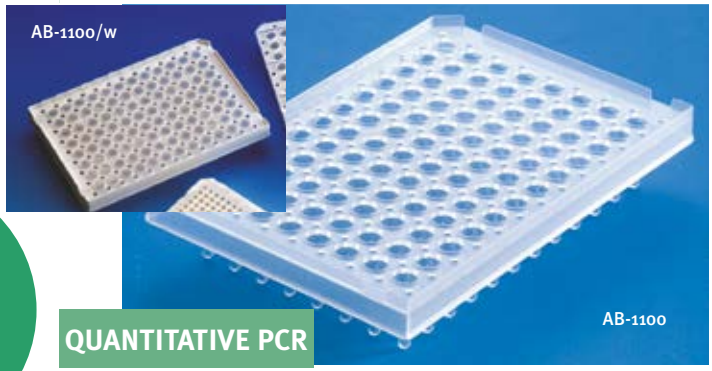
TIP



For adhesives: see page 240
For heat seal closure: see page 402

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96-well PCR Detection Plates for ABI (AB-1100 series)



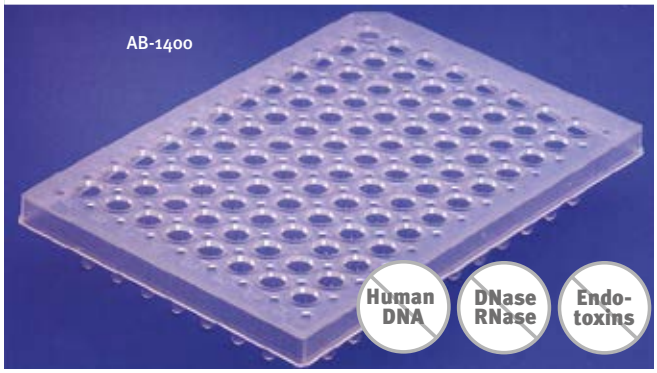
QUANTITATIVE PCR

- For direct use in ABI 96-well sequencers without adapters and in all ABI PCR and qPCR instruments
- The white plate is suitable for quantitative PCR
- Reinforced half-skirt for a better grip by robots
- Made of virgin polypropylene
- Thin wall
- Identification cut corner
- Alphanumeric marking

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Cat. No.	Description	Units/ box	€/ box
016314	Standard 96-well PCR plate, natural	25	N/A -

96 Detection Mark II PCR Plates for ABI (AB-1400 series)





Same properties as the AB-1100 96-well PCR plate, but with a tray (without a rim protruding from the tray).
Compatible with all ABI instruments (2700, 9600, 9700 thermal cyclers, TaqMan 5700, 7000, 7300, 7500, 7700, 7900 quantitative PCR; ABIPRISM 310, 3100, 3700, 3730 sequencers)

- Made of virgin polypropylene
- Reinforced half-skirt for improved rigidity and robotic handling
- Alphanumeric marking available in black
- Flange around each well to eliminate the risk of cross-contamination and allow for different sealing methods
- Available with barcode for use on the ABI 3730 sequencer and ABI 7900 QPCR thermal cycler

Description	Natural	White	Black
Moulded marking plate	016657	016659	016660
€/ 25 units	N/A -	N/A -	N/A -
Plate, black printed marking	016682	016683	-
€/ 25 units	N/A -	N/A -	-

Versiplates 96-well flexible PCR plates



- 12 strips connected in one plate, to be used with or without the frame
- Plate can be used in its entirety or as a detachable strip
- Patented, low profile PCR microtubes
- Natural or transparent
- Seals with heat seal adhesives or films, and with Thermo cap strips
- 3 types of caps: domed, flat or for QPCR

Cat. No.	Description	Units/ box	€/ box
017866	Versiplate 96-well PCR plate	25	N/A -
017858	Versiplate White 96-well PCR plate	25	N/A -
017859	Versiframe 96-well skirted frame	25	N/A -

Versicap Mat	Domed caps	Flat caps	QPCR plugs
Cat. No.	017860	017862	017864
€/ 25 units	N/A -	N/A -	N/A -
Cat. No.	017861	017863	017865
€/ 100 units	N/A -	N/A -	N/A -

SuperPlate ABgene®96-well PCR Plates

- 4 times more rigid than a standard PCR plate
- Eliminates distortion and post-PCR robotic handling problems
- Black alphanumeric marking for easy pipetting (except for AB-2100 series)
- Flange around each well for easy sealing
- Ideal in combination with the Absolute blue QPCR
- Available in white for qPCR
- Virgin polypropylene
- Extremely thin wall

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The SuperPlates (AB-2100; AB-2400 and AB-2800) are also available in blue, green, purple, red or yellow on request.

SuperPlate 96-well semi-skirted PCR plates for ABI (AB-2100 and AB-2400 series)

Compatible with all ABI instruments (PCR, QPCR, sequencers). AB-2400 series without flange to use the cap strips.

Cat. No.	Series	Marking alphanumeric	Edge	Colour	Units/ box	€/ box
017232	AB-2400	Yes	No	Natural	25	N/A -
017233	AB-2400	Yes	No	White	25	N/A -

Placas PCR SuperPlate 96-well skirted PCR plates Low profile pour ABI (série AB-2800) - Low Profile, parfaitement robotisables.

Cat. No.	Series	Marking alphanumeric	Colour	Units/ box	€/ box
017219	AB-2800	Yes	Natural	25	N/A -
017220	AB-2800	Yes	White	25	N/A -

SuperPlate PCR Plates Compatibility Table

QPCR device	ABI PRISM® 7000, 7300, 7500, 7700	ABI PRISM® 7900HT	Mj Opticon™ / Opticon 2™	Mj Research Chromo 4™	Techne Quantica®	Eppendorf Mastercycler ep realplex	Bio-Rad iQ™
ABI-2100 	•	•		•		•	
ABI-2400 	•	•		•		•	•
ABI-2800 			•	•	•	•	

384-well PCR plate

Rigid virgin polypropylene plate. For a better seal, it is preferable to use heat-sealable films (EasyPeel, Easy Pierce Strong, see heat-sealing, chapter "Storage - Screening").

2 models:
- conical well plate volume 25 µl capped and 40 µl uncapped;
- Mark II Large Volume Rounded Conical Well Plate (ABgene series AB-0937) volume 40 µl capped and 55 µl uncapped.

Due to its large volume per well, post-PCR applications can be performed directly in this plate without changing the plate.

Cat. No.	Description	Units/ box	€/ box
016026	Thermo-Fast 384-well conical PCR plate	50	N/A -
016252	Mark II rounded conical wells	100	N/A -



WEB

Enter the Cat. No. on dulis.nl to display the compatibility guide aBgene PCR plates

MOLECULAR BIOLOGY

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ABgene®384-well PCR Plate, universal skirted



- One cut corner only on the top right
- This modified design allows it to fit perfectly into the ABI3730 sequencer
- Compatible with all 384 block thermal cyclers and 384 sequencers
- Available in white for quantitative PCR
- Made of virgin polypropylene

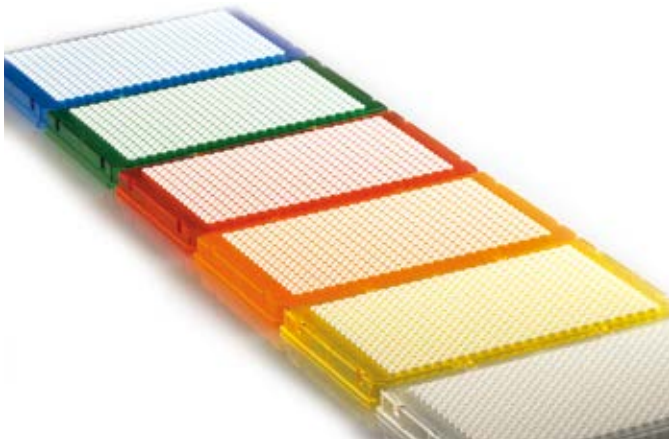
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Colour	Natural	Blue	Greent	Violet	Yellow	Red	The	€.	White	The	€.
Cat. No.	016558	016666	016667	016668	016669	016670	50	N/A -	016672	50	N/A -

Clear Seal film

Cat. No.	Description	€
016582	Clear Seal Film 3730 (1000 sheet roll)	N/A -

ABgene® Armadillo High performance PCR Plates



PCR plates combining the rigidity of the polycarbonate frame with the thinness of the polypropylene wells.

- For better performance without the plate buckling
- Improved holding with greater plate stability in post PCR
- Optimised well shape for maximum sample recovery
- Flat alpha numeric marking and raised collar
- Thin walls for better heat transfer
- Two formats: 96 or 384 well
- With or without barcode 128 or customised barcode (consult us)
- Also available as white wells for qPCR

Wells	Frame	Transparent	Blue	Green	Orange	Red	Yellow	Units/ box	€/ box
384-Well, Transparent	Skirted	017808	017809	017810	017811	017812	017813	50	N/A -
384-Well, white	Skirted	017814	017815	017816	017817	017818	017819	50	N/A -
384-Well, Transparent	Skirted with barcode	017820	017821	017822	017823	017824	017825	50	N/A -
384-Well, white	Skirted with barcode	017826	017827	017828	017829	017830	017831	50	N/A -
96-Well, Transparent	Skirted	017832	017833	017834	017835	017836	017837	25	N/A -
96-Well, white	Skirted	017838	017839	017840	017841	017842	017843	25	N/A -
96-Well, Transparent	Skirted with barcode	017844	017845	017846	017847	017848	017849	25	N/A -
96-Well, white	Skirted with barcode	017850	017851	017852	017853	017854	017855	25	N/A -
96-Well, Transparent	Low-profile half-skirted	017869	017870	017871	017872	017873	017874	25	N/A -
96-Well, white	Low-profile half-skirted	-	017876	017877	017878	017879	017880	25	N/A -
96-Well, Transparent	Low-profile half-skirted with barcode	017881	017882	017883	017884	017885	017886	25	N/A -
96-Well, white	Low-profile half-skirted with barcode	017887	017888	017889	017890	017891	017892	25	N/A -
96-Well, Transparent	Half-skirted	017893	017894	017895	017896	017897	017898	25	N/A -
96-Well, white	Half-skirted	017899	017900	017901	017902	017903	017904	25	N/A -
96-Well, Transparent	Half-skirted with barcode	017905	017906	017907	017908	017909	017910	25	N/A -
96-Well, white	Half-skirted with barcode	017911	017912	017913	017914	017915	017916	25	N/A -



Enter the Cat. No. on dulis.nl to display the compatibility guide aBgene PCR plates

Eppendorf twin.tec® PCR Microplate

PCR plates with virgin polypropylene wells, polycarbonate holder and skirt. The rigidity of polycarbonate makes it easier for robots to handle the plates. Cut panel and alphanumeric reference grid.



Twin.tec PCR 96 and 384-well plates

- Strong, rigid and torsion-resistant polycarbonate frame
- Fine polypropylene wells for optimal heat transfer
- OptiTrack® Matrix: Contrasting edges with alphanumeric marking
- Reaction volume: 150 µl (low profile) or 250 µl
- Raised well edges
- Available in a version that can be divided into 4 segments of 24 wells each
- Available with white wells for real-time PCR

Twin.tec microbiology 96 and 384-well plates

- Sterile, individually blister-packed, free of bacterial DNA
- 96 or 384 wells, with skirt or semi-skirt

Twin.tec real-time 96 and 384 well PCR plates

- White wells for better reflection
- Significantly increased signal to noise ratio

	96 wells	96 divisible wells	96 wells	96 divisible wells	96 wells	96 wells	384 wells
Type	Non skirted	Non skirted	Non skirted	Non skirted	Skirted	Semi-skirted	Skirted
Volume	150 µl	150 µl	250 µl	250 µl	150 µl	250 µl	45 µl
Natural	**035660**	**035668**	**035669**	**035670**	**033632**	**033637**	**033331**
Blue	**035663**	**035679**	**035677**	**035678**	**033633**	**033638**	**033332**
Green	-	-	-	-	**033634**	**033639**	**033333**
Red	-	-	-	-	**033635**	**033640**	**033334**
Yellow	-	-	-	-	**033636**	**033641**	**033335**
Units/box	20	20	20	20	25	25	25
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

96 and 384 well microbiology plates

Base colours	96 skirted wells	96 half-skirted wells	384 wells
Volume	150 µl	250 µl	45 µl
Natural	**035671**	**035673**	**035675**
Blue	**035672**	**035674**	**035676**
Units/box	10	10	10
€/box	**N/A -**	**N/A -**	**N/A -**

96 Real Time plates

Base colours	96 wells, non skirted	96-Well semi-skirted	96 skirted wells
Volume	150 µl	250 µl	150 µl
White	**035665**	**035032**	**035029**
Blue	**035666**	**035031**	**035028**
Units/box	20	25	25
€/box	**N/A -**	**N/A -**	**N/A -**

Forensic DNA version 96 and 384 well plates

Version	PCR 96-well semi-skirted	PCR 96-well skirted	PCR 384-well skirted	qPCR 96-well semi-skirted	qPCR 96-well skirted
Volume	250 µl	150 µl	40 µl	250 µl	150 µl
Natural	**933927**	**933928**	**933931**	**933929**	**933930**
Units/box	10	10	10	10	10
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Enter the Cat. No. on Dulis.nl to seethe compatibility guide.

LoBind 96-well plates

Cat. No.	Description	€ 25 units
933047	LoBind 96-well plate, semi-skirted, colourless	**N/A -**
933048	LoBind 96-well skirted plate, colourless	**N/A -**

Lids - In transparent polystyrene, packed in 5 bags of 16.

Cat. No.	Description	Units/ box	€/ box
035719	PCR CLEAN lid for microplates or deepwell	80	**N/A -**
035720	Sterile lid for microplates or deepwell	80	**N/A -**

8-Cap strips

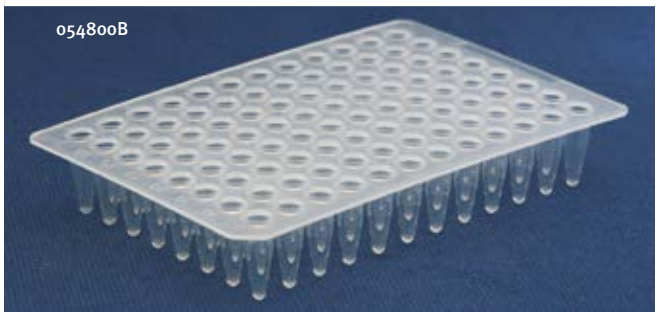
Cat. No.	Description	Units/ box	€/ box
035633	8-domed cap strip	120	**N/A -**
035634	8-flat cap strip	120	**N/A -**

Sealing of PCR and Real Time 96 and 384 well plates

Cat. No.	Description	€ 100 units
033604B	PCR adhesive sheets	**N/A -**
033832B	Adhesive alu for PCR plates	**N/A -**
033969	Heat sealing PCR film	**N/A -**
035713B	Masterclear real-time PCR-Film, self-adhesive	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

96 and 384 well PCR plates

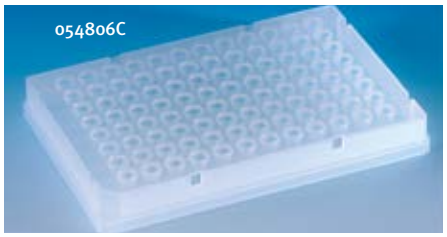


- High quality translucent polypropylene for PCR
- Natural
- Compatible with all brands of thermal cyclers

DNase RNase

Type	Description	Cat.No.	Units/ box	€/ box
96-well PCR plate				
Non skirted	Standard shape, flat surface	**054800B**	25	**N/A -**
Skirted	Working volume 200 µl, one orientation slot	**054806C**	10	**N/A -**
Semi-skirted, segmented	96 wells, segmented*	**054808B**	10	**N/A -**
Skirted for ABI	Raised skirt, special ABI, working volume 300 µl, with notch	**054809B**	10	**N/A -**

* To facilitate the cutting of the plate into strips of 24 microtubes

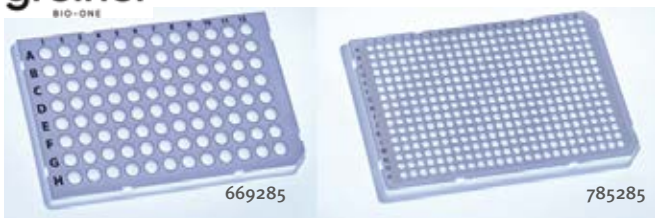








Greiner Bio-One 96 and 384-well PCR microplates for LightCycler 480



96 or 384-well non-sterile white polypropylene plates, SBS format, for real-time PCR systems (LightCycler 480).

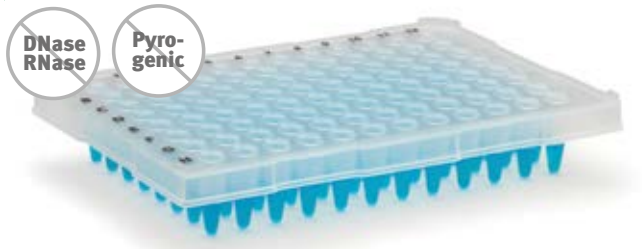
- Ultra-thin walls, optimal thermal transfer
- Alphanumeric well coding
- Sealable with VIEWseal, AMPLIseal and SILVERseal adhesive films
- Well Volume: 25 µl
- Skirted for the 384 well
- Seli-skirted for 96 wells

Accessories

Cat. No.	Description	Units/ box	€/ box
676070	VIEWseal Highly Transparent Optical Adhesive Film	100	**N/A -**
676040	AMPLIseal Highly transparent self-adhesive film, low autofluorescence	100	**N/A -**
676090	SILVERseal Acrylic aluminium adhesive film, impactable	100	**N/A -**

Cat.No.	Colour	Format	Skirt	Specifications	Units/ bag	Units/ box	€/ box
669285	White	96	1/2 skirted	LC96 and LC480	25	100	**N/A -**
785201	Natural	384	Skirted	CFX384, LC96	15	60	**N/A -**
785285	White	384	Skirted	and LC480	25	100	**N/A -**
785290	Natural	384	Skirted	ABI compatible	15	60	**N/A -**

96-well semi-skirted PCR plate



- Made of polypropylene
- Compatible with most thermal cyclers
- Uniform thin wall for optimal heat transfer
- Autoclavable

Cat. No.	Description	Pack unit.	Units/ box	€/ box
713161	96-well semi-skirted PCR plate	10	100	**N/A -**

Labcon 96-well PCR plates

- Made of polypropylene
- Autoclavable (122 °C, 15 min)
- Freezable at -80 °C
- Alphanumeric marking
- Compatible with most thermal cyclers

DNase RNase · ATP · Endo-toxins

Cat. No.	Type of plate	Colour	Units/ box	€/ box
950640	Plate 0.2 ml Non skirted, flexible	Natural	100	N/A -
950641		Yellow	1000	N/A -
950642		Red	1000	N/A -
950644		Blue	1000	N/A -
950645		Green	1000	N/A -
950646		Assorted	1000	N/A -
950647	0.1 ml skirted plate	Natural	100	N/A -
950648		Yellow	1000	N/A -
950649		Red	1000	N/A -
950650		Violet	1000	N/A -
950651		Blue	1000	N/A -
950652		Green	1000	N/A -
950653		Assorted	1000	N/A -



0.1 ml skirted plate

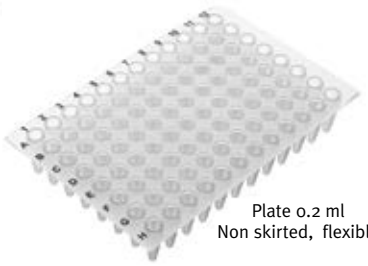


Plate 0.2 ml
Non skirted, flexible

Labcon 384-well PCR plate

- Made of polypropylene
- Autoclavable (122 °C, 15 min)
- Freezable at -80 °C
- Alphanumeric marking

Cat. No.	Description	Units/ box	€/ box
950654	25 µl skirted plate	100	N/A -



Labcon 96-well qPCR plates

- Usable in real-time PCR
- Made of polypropylene
- Autoclavable (122 °C, 15 min)
- Freezable at -80 °C
- Alphanumeric marking

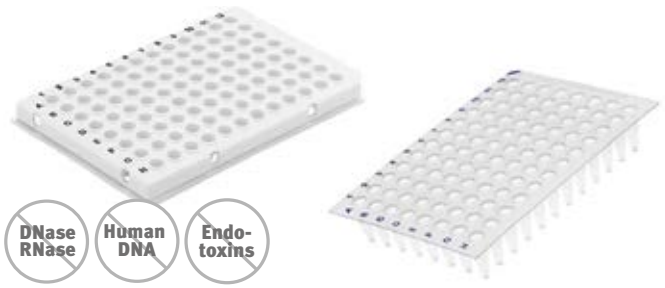
Cat. No.	Type of plate	Colour	Units/ box	€ box
950637	0.2 ml non skirted plate	Opaque white	100	N/A -
950636	0.2 ml semi-skirted plate		100	N/A -
950638	0.1 ml skirted plate		100	N/A -



950637

All prices are indicative and exclude VAT. Visit www.dulis.nl

Treff 96 and 384 well PCR plates



- Fully automated production in a clean room class 8 according to ISO 14644-1
- Made of high purity polypropylene
- No additives
- Ultra-thin walls for fast heat transfer
- Autoclavable



Enter the Cat. No.on dulis.nl to see the PCR Treff plates compatibility guide

Type of plate	96-Well plates low profile, skirted	96-Well plates standard semi-skirted	96-Well plates low profile semi-skirted	96-Well plates low profile semi-skirted, raised edges	96-Well plates standard non skirted	96-Well plates low profile non skirted	384-Well plates skirted
Units/bag	10	5	5	5	5	5	5
Units/box	50	50	50	50	50	50	50
Natural	**982858**	**982859**	**982860**	**982861**	**982862**	**982863**	**034142**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
White	**982864**	**982865**	**982866**	**982867**	**982868**	**982869**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**

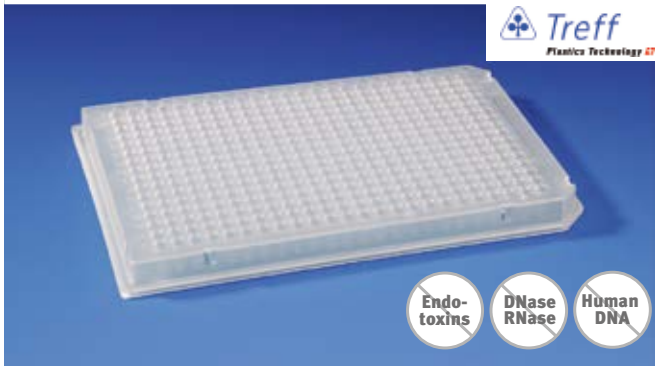
Plates for LightCycler 480

Type of plate	96-Well plates low profile semi-skirted	96-Well plate with sealing film	384-Well plates skirted
Units/bag	5	5	5
Units/box	50	50	50
White	**982870**	**982871**	**982873**
€/box	**N/A -**	**N/A -**	**N/A -**

Accessories

Cat.No.	Description	Units/ box	€/ box
982875	PET optical sealing film for PCR and QPCR plates	100	**N/A -**

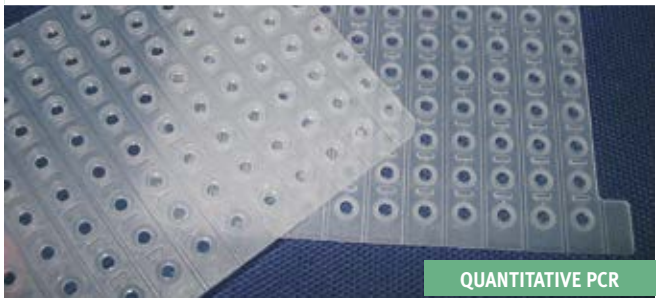
Treff 384-well PCR plates



- Skirted plates
- Made of virgin polypropylene
- Volume: 40 µl, Working volume: 25 µl
- Thin walls
- Alphanumeric marking
- Raised well edges for more effective sealing of adhesive sheets and reduced risk of cross-contamination
- Compatible with most thermal cyclers
- Fully automated production in a clean room class 8 according to ISO 14644-1

Cat. No.	Description	Units/ box	€/ box
034142	Plaque PCR 384-well skirted PCR plate	50	**N/A -**

Closing mat for QPCR



- With flat optical caps inserted in the plate
- For use in real-time PCR or storage
- Robust frosted surface
- Can be cut into strips of 8 or 12 or individually
- Holds firmly to the PCR plate

DNase RNase

For a good fit, attach the cap starting from the centre of the plate and apply sufficient pressure to each individual cap.

Cat. No.	Description	Units/ box	€/ box
038788	Divisible mat for PCR micro96-well Plate	25	**N/A -**

Labcon 96-well microplate cap mat



- In silicone
- Autoclavable (121 °C)

Cat. No.	Description	Units/ box	€/ box
950655B	Cap mat for 96-well microplates	50	**N/A -**

ThermalSeal® RTS™ ClearLine®Film

ClearLine

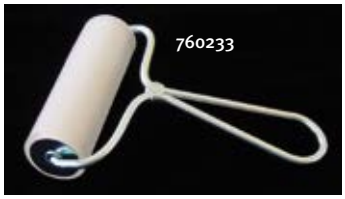
- Applications: qPCR, long-term storage, crystallography and HLPC
- Made of 50.8 µm polyofiln
- Operating temperature: -80 °C to +105 °C
- For non skirted plates
- Dimensions without tab: 116.2 x 78.3 mm
- With two detachable tabs (except roll film)
- Optically clear, low autofluorescence
- Good chemical resistance
- Silicone adhesive is released only when pressure is applied for a perfect adhesion without interference with the sample

Cat. No..	Description	Units/ box	€/ box
765246	ThermalSeal Film® RTS™ ClearLine®	100	N/A -
765265	ThermalSeal Film® RTS™ ClearLine® stérile	100	N/A -
765249	ThermalSeal Film® RTS™ ClearLine® in 65 m rolls	1	N/A -



Accessoire

Cat. No.	Description	€
760233	Applicator	N/A -



Films ThermalSeal® RT2™ and RT2RR™ ClearLine®

ClearLine

- Application: qPCR
- Made of 50.8 µm polyester
- Operating temperature: -40 °C to +120 °C
- With two detachable tabs
- Optically clear, low autofluorescence
- High optical quality films with excellent adhesion

Cat. No..	Description	Dimensions (mm)	Units/ box	€/ box
760236	ThermalSeal® RT2RR™ ClearLine® Film for non-skirted plate	118.1 x 77.8	100	N/A -
760208	ThermalSeal® RT2™ ClearLine® Film for skirted or semi-skirted plate	121.9 x 79.4	100	N/A -



4titude qPCR film

- Application: qPCR
- Operating temperature: -80 °C to +110 °C
- Dimensions: 140 x 77 mm
- With two tabs
- Optically clear, low autofluorescence
- Encapsulated adhesive for sealing only at pressure points

Cat.No.	Description	Units/ box	€/ box
016540F	Fillm for qPCR	100	N/A -



Q-Stick 4titude Film

- Application: qPCR
- Operating temperature: -20 °C to +110 °C
- Dimensions: 133 x 76 mm
- Made of polyester
- Optically clear, low autofluorescence
- For 96-well plate
- Adhesive-free and optically clear area above each well

Cat.No.	Description	Units/ box	€/ box
044717	Q-Stick film	100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Absolute ABgene®QPCR Film



Ultra-transparent film specially developed for quantitative PCR applications.

- **Optically clear for qPCR or fluorescence applications**
- **Operating range from -80 °C to +120 °C**
- **Perfectly sealed to prevent evaporation of samples during thermal cycling or storage phases**
- **Pressure sensitive adhesive film, for use with an applicator**

Cat. No.	Description	Units/ box	€/ box
016540	QPCR Absolute Adhesive film	50	N/A -
016925	Applicator for film	1	N/A -
016629	QPCR Absolute Adhesive film + Applicator	50 + 1	N/A -

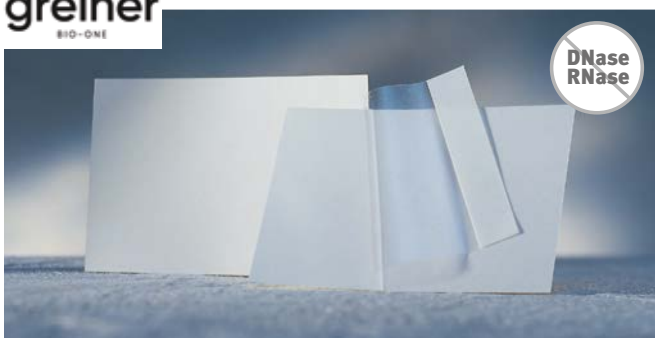
Nunc adhesive films for qPCR



- **In polyolefin**
- **Transparent adhesive films**
- **Operating temperature: -70 °C to +100 °C**
- **Non-sterile**

Cat.No.	Applications	Drillable	Units/box	€/ box
044717	Q-Stick Films	No	100	N/A -
056111	qPCR	No	100	N/A -

Sealing films for PCR / qPCR / storage / cultures Greiner Bio-One

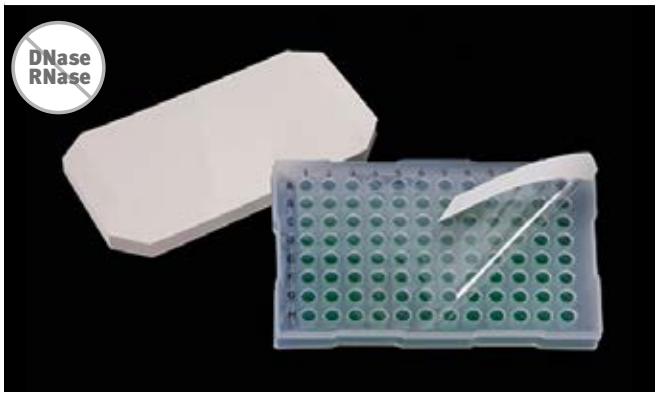


- **Acrylic or silicone adhesive sealing**
- **Single use**
- **Avoid evaporation and cross-contamination**
- **Suitable dimensions for microplates**
- **Silicone adhesive system reacts to pressure: does not stick to gloves / ideal for powder storage**
- **BREATHseal films for culture: optimum gas exchange**
- **Non-sterile (except Cat. No. 676051)**

Cat. No.	Name	Applications	Temperature range	Adhesive	Specifications	Units/ box	€/ box
676001	EASY Seal	Storage, scanning	-40 / +120 °C	Acrylic	Transparent	100	N/A -
676090*	SILVERseal	PCR, storage	-80 / +110 °C	Acrylic	Perforable aluminium film	100	N/A -
676070*	VIEWseal	Powder storage, PCR, optical reading	-70 / +100 °C	Silicone	Ultra-transparent	100	N/A -
676040*	AMPLIseal	PCR, qPCR,	-80 / +110 °C	Acrylic	Ultra-transparent, low autofluorescence	100	N/A -
676050	BREATHseal	Aerobic cultivation	-	Acrylic	Gas permeable, perforatable	50	N/A -
676051	BREATHseal	Aerobic cultivation	-	Acrylic	Gas permeable, perforable, sterile	50	N/A -

* free of DNAse, RNAse, human DNA and pyrogen-free.

eXTReme™ Seal ClearLine®Films



- **Applications: PCR**
- **Made of 50.8 µm polyester**
- **Operating temperature: -20 °C to 120 °C**
- **With two detachable tabs**
- **Transparent**
- **Strong adhesive to minimise evaporation**
- **Do not leave residues**

Cat.No.	Description	Dim. (mm)	Units/ box	€/ box
765267	eXTReme™ Seal ClearLine® Film for non-skirted plate	118.1 x 78.3	100	N/A -
765276	eXTReme™ Seal Large ClearLine® Film for semi-skirted and skirted plate	121.9 x 81.5	100	N/A -

Films ThermalSeal® A™ et ThermalSeal® 2™ ClearLine®

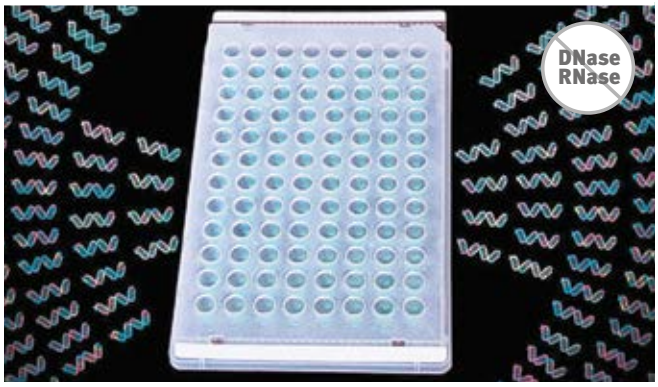
- Applications: PCR
- Made of 50.8 µm polyester
- Operating temperature: -40 °C to 120 °C
- With two detachable tabs
- Transparent
- Strong adhesive to minimise evaporation



Cat.No.	Description	Dim. (mm)	Units/ box	€/ box
760229	ThermalSeal® A™ ClearLine® Film for non-skirted plate	118.1 x 78.3	100	N/A -
765264	ThermalSeal® 2™ ClearLine® for skirted or semi-skirted plate	125.1 x 79.4	100	N/A -

ThermalSeal® ClearLine®Film

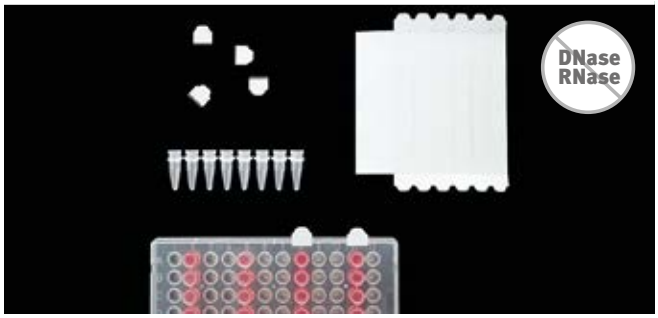
- Applications: PCR
- Made of 50.8 µm polypropylene
- Operating temperature: -40 °C to 120 °C
- For rigid polypropylene plates
- Dimensions without tab: 123.1 x 79.4 mm
- With two detachable tabs
- Transparent
- Easy to remove



Cat.No.	Description	Units/ box	€/ box
760206	ThermalSeal® ClearLine®Film	100	N/A -
760207	ThermalSeal® ClearLine® sterile Film	100	N/A -

EZcap™Film 1 x 8 PCR FilmStrips™ ClearLine®

- Applications: PCR
- Made of 50.8 µm polypropylene
- Operating temperature: -20 °C to 120 °C
- For 8-tube strips and plates
- Dimensions without tab: 73.3 x 10.1 mm
- With two detachable tabs
- Transparent



Cat.No.	Description	Units/ box	€/ box
765269	EZcap ™film 1 x 8 PCR FilmStrips™ ClearLine®	400	N/A -

4titude PCR films

- Application: qPCR and PCR
- Operating temperature: -20 °C to 110 °C
- With two tabs
- Transparent
- Strong adhesive to minimise evaporation



Cat.No.	Description	Dim. (mm)	Units/ box	€/ box
016028F	Film for 96-well plate	135 x 80	100	N/A -
448025	Pre-cut film for 8 wells	115 x 100	100	N/A -
448026	Pre-cut film for 12 wells	137 x 71	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Film for plates



Very high performance adhesive film, specially designed for plates (including PCR) of all brands.

- Very low evaporation
- Polyethylene (- 15 °C to + 70 °C)
- Drillable with a tip or pipette
- L x W (mm): 117 x 78

Cat. No.	Description	€ 100 units
106524	Polyethylene film 117 x 78 mm	N/A -

Film for PCR



A film specifically designed for PCR plates, where minimising evaporation is critical.

- Polyethylene (-40 °C to +95 °C)
- Resistant to DMSO

Cat. No.	Type	Sterile	Presentation	Units/ box	€/ box
039356	Plastic	No	Sheets	100	N/A -
039293	Plastic	Yes	Sheets	100	N/A -

thermo scientific

Nunc adhesive films for qPCR and PCR



- In polyolefin
- Transparent adhesive films
- Operating temperature: -70 °C to +100 °C
- Non-sterile

Cat.No.	Applications	Drillable	Units/ box	€/ box
056107	PCR	No	100	N/A -
056108	PCR	Yes	100	N/A -

PCR adhesive pre-cut film on roll





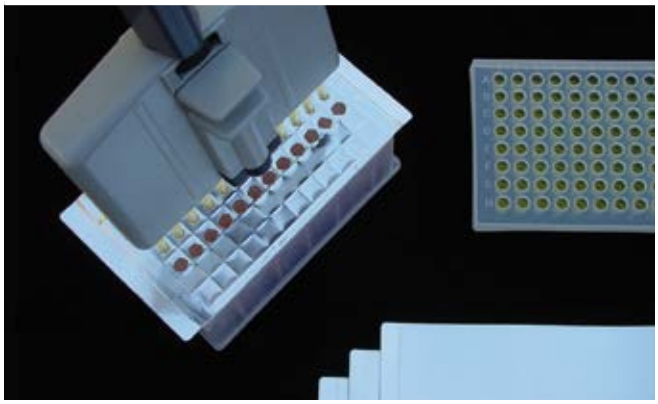
Adhesive film on roll for PCR plate.

- With positioning tab
- Made of polypropylene
- Pre-cut films
- In rolls of 500 films
- Each roll is delivered in a cardboard dispenser box
- Conditions of use for the film application:+ 18 °C à + 24 °C
- Temperature resistant from -20 °C to +100 °C

Cat. No.	Description	€/ roll
015900	Film Seal Tape in rolls of 500 films	N/A -

ClearLine®

AlumaSeal® II™ ClearLine®Film

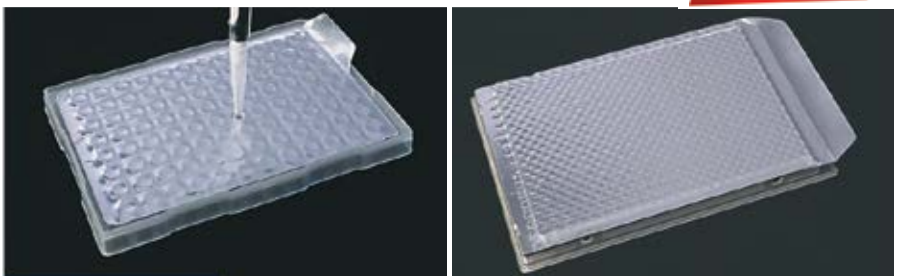


- Applications: PCR, long-term storage
- 38.1 µm aluminium
- Operating temperature: -80 °C to +120 °C
- Universal
- Dimensions without tab: 125.4 x 82.6 mm
- With two detachable tabs (except roll film)
- Good chemical resistance
- Pierceable, opaque
- Does not withdraw into itself
- Reusable and autoclavable applicator for flangeless plate sealing

Cat. No.	Description	Units/ box	€/ box
760212	Film AlumaSeal® II™ ClearLine®	100	N/A -
760213	Film AlumaSeal® II™ ClearLine® sterile	50	N/A -
765248	Film AlumaSeal® II™ ClearLine™ in rolls of 100 m	1	N/A -

AlumaSeal® 96 et AlumaSeal® 384 ClearLine®Films

- Applications: PCR, long-term storage
- 38.1 µm aluminium
- Operating temperature: -80 °C to +120 °C
- With a tab
- Drillable
- Opaque
- Reinforced sealing for 96-well plates

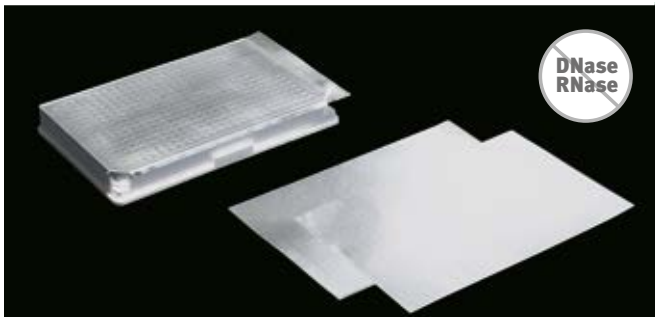


Cat. No.	Description	Dimensions (mm)	Units/ box	€/ box
760231	AlumaSeal® 96 ClearLine® Film for non-skirted 96 plate	117.5 x 77.8	100	N/A -
760232	AlumaSeal® 384 ClearLine® Film for 384-well or deep-well plate	123.8 x 82.6	100	N/A -

Nucleic acid · DNase RNase

Alumaseal® CS™Adhesive film for freezing

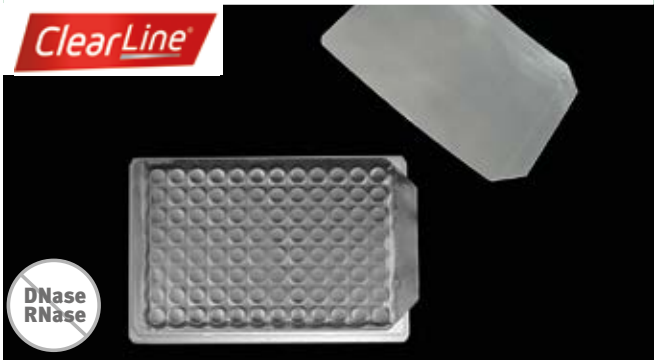
- For cold storage of microplates
- Dimensions: 81.5 x 132.6 mm
- Length without tabs: 123.04 mm
- Resistant to -80 °C



DNase RNase

Cat. No.	Description	Units/ bag	Units/ box	€/ box
760243	Film AlumaSeal® CS™	100	100	N/A -
760244	Film AlumaSeal® CS™ sterile	25	50	N/A -

FoilSeal™ ClearLine®Film



DNase RNase

- Applications: PCR
- 50.8 µm aluminium
- Operating temperature: -20 °C to 120 °C
- Universal
- Dimensions without tab: 118.1 x 78.3 mm
- With a detachable tab
- Drillable
- Opaque

Cat. No.	Description	Units/ box	€/ box
765282	Film FoilSeal™ ClearLine®	100	N/A -
765281	Film FoilSeal™ ClearLine® sterile	50	N/A -

EZcap™ Film 1 x 8 PCR FoilSeal™ ClearLine®



- Applications: PCR
- 50.8 µm aluminium
- Operating temperature: -20 °C to 120 °C
- For 8-tube strips and plates
- Dimensions without tab: 81.2 x 10.1 mm
- With two detachable tabs
- Drillable
- Opaque

DNase RNase

Cat. No.	Description	Units/ box	€/ box
765268	EZcap™ Film 1 x 8 PCR FoilSeal™ ClearLine®	300	N/A -

eXTRreme™ FoilSeal™ ClearLine® Film for PCR

- Universal aluminium waterproof film
- Thickness: 50 µm
- Dimensions: 78.3 x 135.9 mm
- Length without tabs: 117.1 mm
- Excellent chemical resistance (including DMSO)
- Temperature: -20 °C to +120 °C
- For PCR, long term storage, light sensitive experiments and robotic applications
- Drillable with pipette tips and robotic tips
- Removes without leaving a residue
- Single film with one detachable tab, roll film with two detachable placing tabs (width 10 mm)





DNase RNase

Cat. No.	Description	Dimensions (mm)	Units/ box	€/ box
765266	eXTReme™ FoilSeal™ Film for PCR	78.3 X 129	100	N/A -
765270	eXTReme™ FoilSeal™ Film roll for PCR	78.3 X 139	500	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

4Titude Aluminium film



- Applications: PCR and storage
- In aluminium
- Operating temperature: -40 °C to 120 °C
- Dimensions: 130 x 80 mm
- With two tabs
- Drillable
- Opaque

DNase RNase

Cat.No.	Description	Units/ box	€/ box
016125F	4Titude Aluminium film	100	N/A -

4titude Aluminium film with high solvent resistance

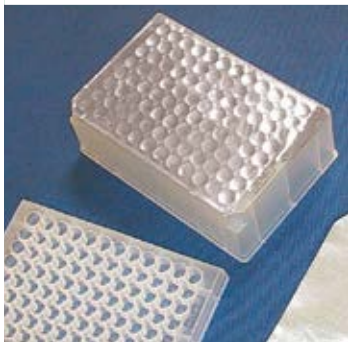


- Applications: PCR and storage
- In aluminium
- Operating temperature: -20 °C to 80 °C
- Dimensions: 122 x 80 mm
- With two tabs
- Excellent chemical resistance (including DMSO)

DNase RNase

Cat.No.	Description	Units/ box	€/ box
044766	Aluminium film with high solvent resistance	100	N/A -

Aluminium film for all plates



High performance universal aluminium adhesive film for all standard microplates, PCR plates and storage plates.

- Very low evaporation
- Drillable with a tip or pipette
- 120 x 80 mm (131 x 81.3 mm with tab)
- Temperature range -30 °C to +150 °C

DNase RNase

Cat. No.	Description	Units/ box	€/ box
106570B	Aluminium adhesive film 131 x 81.3 mm	100	N/A -

Nunc aluminium film

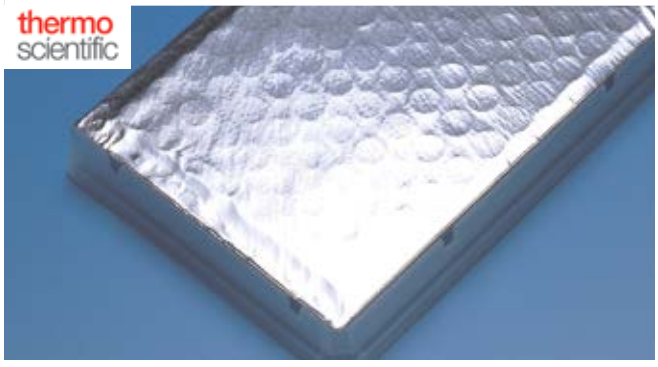


- Aluminium adhesive films
- Non-sterile
- Drillable

DNase RNase

Cat.No.	Description	Température d'utilisation	Units/ box	€/ box
056320	Adhesive Film for 96-well plate	-80 °C to +150 °C	100	N/A -
056321	Adhesive Film for 384-well plate	-80 °C to +150 °C	100	N/A -
056112	Universal adhesive film	-80 °C to +120 °C	100	N/A -

ABgene®Adhesive films for PCR plates



- Clear plastic with strong adhesion: peelable by hand
- Aluminium: peelable or pierceable and non-cutting
- High quality performance minimising any risk of evaporation (especially for low volume PCR)
- Edge tabs for easy removal
- Températures d'utilisation: -20 °C to +120 °C for plastic, and -40 °C to +120 °C for aluminium

Cat. No.	Description	Units/ box	€/ box
016028	Transparent PCR film with high adhesion	100	N/A -
016125	PCR aluminium film 130 x 80 mm	100	N/A -
016925	Film Applicator	1	N/A -

SecureSeal aluminium film for PCR plate



- Operating temperature: -80 °C to +120 °C
- Can be pierced with a pipette tip

DNase RNase

Cat. No.	Description	Units/ box	€/ box
039367	Non-sterile aluminium Film	100	N/A -

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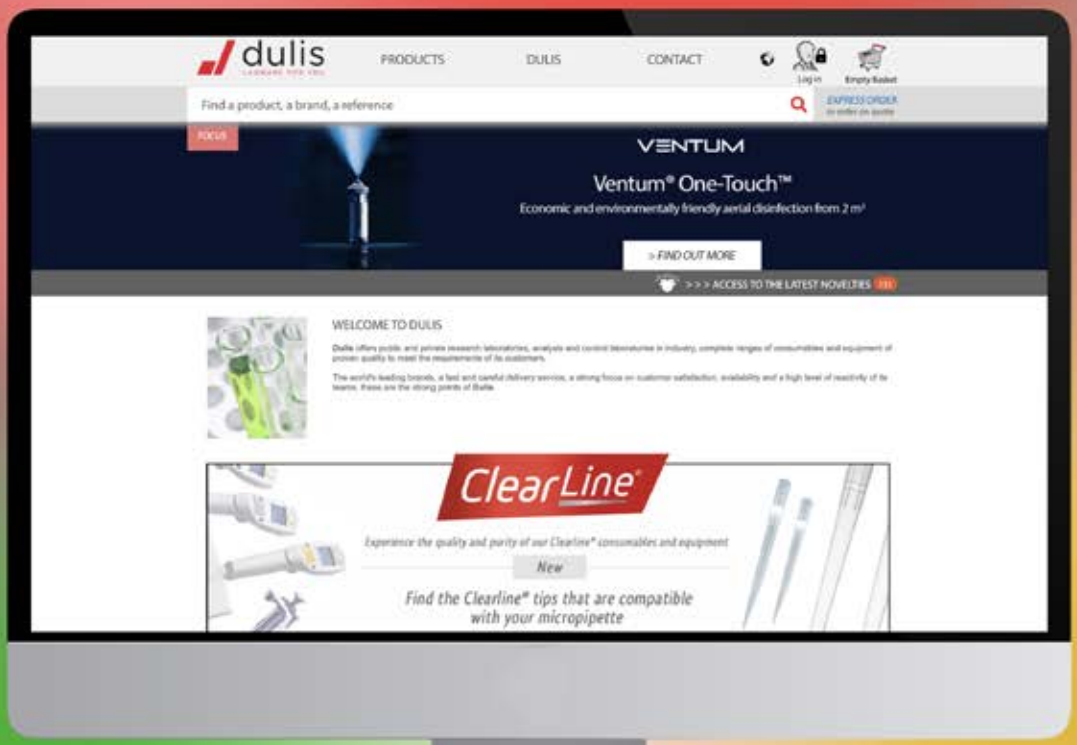
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AN EXTRAORDINARY ADVENTURE



SEROLOGY AND IMMUNOLOGY

• NUNC™	
Plates, labels, strips	243 to 245
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Nunc Microwell Serology Plates

Nunc High Quality
96-well plates for all serology work

- **Exceptional optical clarity**
- **Avoid cross-contamination**
- **Anti-glare frosted plate edges**
- **Very high uniformity**
- **Minimum fluorescence**
- **With or without condensation ring**

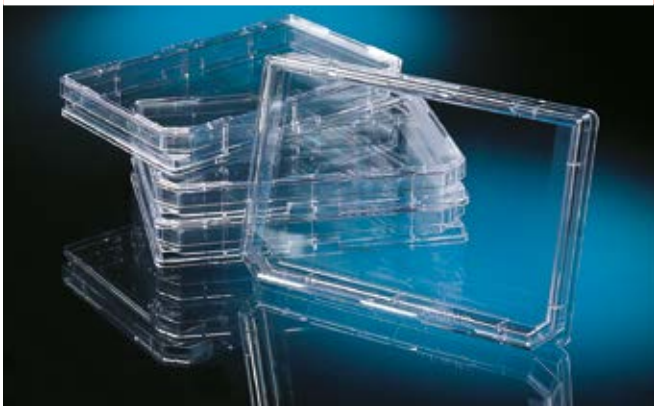
Cat.No	Well shape	Wells volume (ml)	Lid	Sterile	Packaging unit	Units/ box	€/ box
055380	Rounded	0.3	No	No	10	180	N/A -
055245	Rounded	0.3	No	Yes	1	50	N/A -
055140	Flat	0.4	No	No	5	60	N/A -
055246	Flat	0.4	No	Yes	1	50	N/A -
055142	Conical	0.3	No	No	10	180	N/A -
055247	Conical	0.3	No	Yes	1	50	N/A -
056366	Conical	0.3	Yes	Yes	1	50	N/A -
056367	Conical	0.3	Yes	Yes	10	80	N/A -
056368	Conical	0.3	No	Yes	10	80	N/A -
055274	Flat	0.4	Yes	No	10	160	N/A -
055272	Flat	0.4	Yes	Yes	10	160	N/A -



Accessories

Cat. No.	Description	Packaging unit	Units/ box	€/ box
055143	Lid with ring	5	100	N/A -
055144	Sterile lid with ring	1	50	N/A -
055610	Sterile lid without ring	1	60	N/A -
020100	Adhesive Sheets 82 x 132 mm	-	100	N/A -
055049	Sterile adhesive sheets	200	800	N/A -

Omnitray Nunc plate without wells



Standard microplate format, with lid. Stackable
Sterile, ideal:

- as a reagent reservoir;
- for membrane hybridisation.

Cat. No.	Description	Packaging unit	Units/ box	€/ box
055048	Omnitray Sterile plate	1	60	N/A -

Marking labels for microplates



Adhesive labels to identify and mark a microplate

- **High solvent and temperature resistance (-80 °C to +120 °C)**
- **Without peeling, cracking or falling off**
- **Designed to fit on the side of a microplate or Petri dish**
- **L x W: 38 x 6.4 mm**
- **On roll or sheet for laser printers**

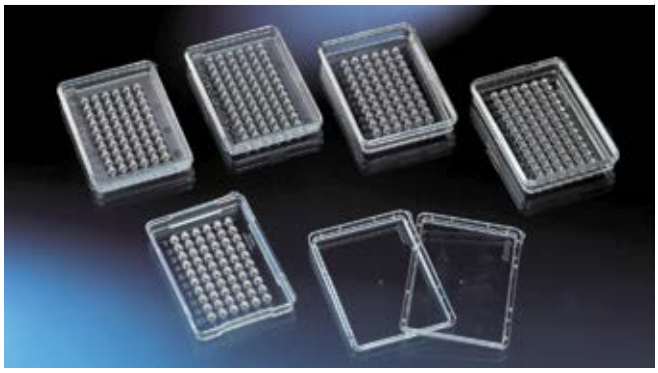
Cat. No.	Description	Units/ box	€/ box
053079	Labels on a roll	1000	N/A -
053080	Labels on printing sheets	3120	N/A -

Nunc Minitray Plates

Polystyrene plates with lid for serology applications.

- **Alphanumeric markings**
- **Individual lid or single lid for stacked boxes**
- **Volume per well: 10 µl, well depth: 1.9 mm**
- **L x W with lid: 84 x 59 mm**

Cat. No.	Description	Packaging unit	Units/ box	€/ box
056243	60-well non sterile plate	10	100	N/A -
056058	72-well non sterile plate	10	100	N/A -



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Nunc Immunology Plates



Four surface choices, one warranty certificate

- **MAXISORP** surface has a high affinity for proteins: 600 to 650 ng of IgG per cm^2
- **POLYSORP** surface plates average adsorption capacity: 200 to 250 ng of IgG per cm^2. For Elisa or serology applications
- MULTISORP surface, highly hydrophilic, ideal for high polarity molecule immobilisations.
- **MEDISORP** surface with a chemically intermediate surface between POLYSORP and MAXISORP (500 to 600 ng IgG per cm^2)

➤**Homogeneity of the batch**

➤**The difference cannot be more than 10% of the average**

➤**Volume per well: 0.4 ml (round bottom: 0.3 ml)**

➤**Well Depth: 11.2 mm**

The plates are supplied without a lid.



C Flat Bottom with curved edges | U Round bottom 300 pul | F Flat bottom | C Starwell Flat bottom with curved edges and fins | C8 Starwell View of the position of fins

MAXISORP high adsorption plates

Cat.No	Well shape	With certificate	Packaging unit	Units/ box	€/ box
055303	Flat F96	Yes	5	60	N/A -
055133	Flat F96	No	5	60	N/A -
055134	Flat with curved edges C96	Yes	5	60	N/A -
055135	Flat with curved edges C96	No	5	60	N/A -
055136	Round U96	No	5	60	N/A -

Standard plates for serology

Cat.No	Well shape	Packaging unit	Units/ box	€/ box
055140	Flat F96	5	60	N/A -
055380	Round U96	10	180	N/A -
056870	Round U96	-	135	N/A -
055142	Conical	10	180	N/A -

POLYSORP medium adsorption plates

Cat.No	Well shape	Packaging unit	Units/ box	€/ box
055137	Flat F96	5	60	N/A -
055138	Flat with curved edges C96	5	60	N/A -
055139	Round U96	5	60	N/A -

MULTISORP hydrophilic surface plate

Cat.No	Well shape	With certificate	Packaging unit	Units/ box	€/ box
055607	Flat F96	Yes	5	60	N/A -

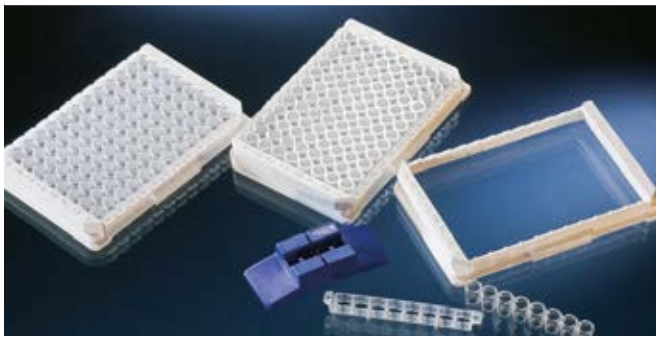
MEDISORP intermediate adsorption plate

Cat.No	Well shape	With certificate	Packaging unit	Units/ box	€/ box
055608	Flat F96	Yes	5	60	N/A -

Accessories

Cat.No	Description	Packaging unit	Units/ box	€/ box
055143	Lid for plate	5	100	N/A -
055144	Sterile lid	1	50	N/A -
055049	Sterile adhesive sheets	200	800	N/A -
020100	Adhesive Sheets 82 x 132 mm	-	100	N/A -

Nunc Breakapart single well plates



Work on a whole plate with individual wells.
The plates are mounted on strips with fully removable wells.
Well Volume: 0.3 ml.

➤ Applications

➤**ELISA and RIA tests**

➤**Multi-parameter tests**

➤**Tests in diagnosis**

➤ Advantages

➤**Limiting the number of wells and reagents**

➤**Individual reading**

➤**Colour coded wells available (on request)**

➤ Area

➤**MAXISORP: strong adsorption**

➤**POLYSORP: medium adsorption**

Mounted plate strips 1 x 8

Well shape	Wells/ strip	MAXISORP	POLYSORP	Packaging unit	Units/ box	€/ box
Flat with rounded corners C8	1 x 8	055168	055169	10	60	N/A -

Accessory

Cat.No	Description	Packaging unit	Units/ box	€/ box
055612	Frame only	5	60	N/A -

Nunc Modular Bar Plates

A fixed frame with detachable well strips.

Two surface choices:
- **MAXISORP** surface: high affinity for proteins: 600 to 650 ng of IgG per cm^2;
- **POLYSORP** surface: average adsorption capacity: 200-250 ng IgG per cm^2 (ideal for Elisa or serology applications, and when certain antigens have affinity in the first layer).



Mounted plates

Well shape	Wells/ strip	MAXISORP	POLYSORP	Packaging unit	Units/ box	€/ box
Flat F8	1 x 8	**055145**	**055146**	5	60	**N/A -**
Flat F16	2 x 8	**055147**	**055148**	5	60	**N/A -**
Flat with rounded corners C8	1 x 8	**055149**	**055150**	5	60	**N/A -**
Flat with rounded corners C12	1 x 12	**055151**	**055152**	5	60	**N/A -**
Round U8	1 x 8	**055153**	**055154**	5	60	**N/A -**
Flat F16 black	2 x 8	**055228**	**055158**	5	60	**N/A -**
Starwell C8	1 x 8	**055166**	-	5	60	**N/A -**

Frame only

Cat.No	Description	Packaging unit	Units/ box	€/ box
055165	Frame only, without strip	5	60	**N/A -**

Strips only

Well shape	Wells/ strip	MAXISORP	POLYSORP	Packaging unit	Units/ box	€/ box
Flat F8	1 x 8	**055159**	**055160**	160	640	**N/A -**
Flat F16	2 x 8	**055161**	**055162**	80	320	**N/A -**
Round U16	2 x 8	**055163**	-	80	320	**N/A -**

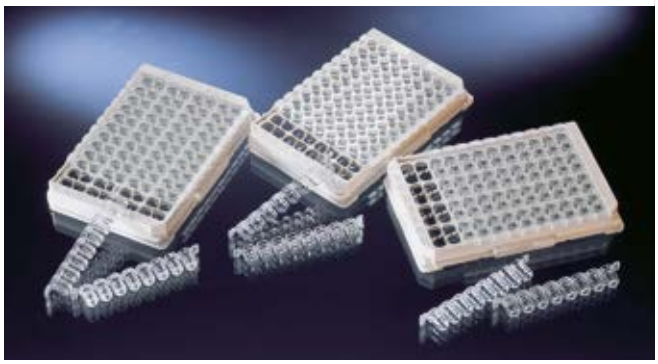


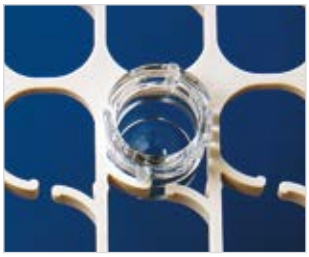
C Flat Bottom with curved edges | U Rounded bottom 300 pul | F Flat bottom | C Starwell Flat bottom with curved edges and fins | C8 Starwell View of the position of fins

Nunc Lockwell plate with divisible wells

Frame with strips with divisible wells: The frame can take whole strips or individual cut wells.

- **Standard microplate format**
- **Shape of wells: flat with curved edges, round or Starwell**
- **3 colours (transparent, black and white), 6 surface types (Polysorp, Maxisorp, Medisorp, Multisorp, Immobilizer Amino and Immobilizer Streptavidin)**
- **Frame dimensions: 128 x 86 mm**





Cat.No	Settings	Area	Well volume (µl)	Colour	Packaging unit	Units/ box	€/ box
055173	C8 x 12	PolySorp	350	Transp.	10	60	**N/A -**
056402	C8 x 12	PolySorp	350	White	10	60	**N/A -**
056403	C8 x 12	PolySorp	350	Black	10	60	**N/A -**
056401	C8 x 12	MaxiSorp	350	White	10	60	**N/A -**
056400	C8 x 12	MaxiSorp	350	Black	10	60	**N/A -**
055172**	C8 x 12	MaxiSorp	350	Transp.	10	60	**N/A -**
055170**	U8 x 12	MaxiSorp	320	Transp.	10	60	**N/A -**
055174**	C8* x 12	MaxiSorp	330	Transp.	10	60	**N/A -**
056404**	C8 x 12	MediSorp	350	Transp.	10	60	**N/A -**
056405	C8 x 12	MultiSorp	350	Transp.	10	60	**N/A -**
056210	C8	Amino	350	Transp.	5	30	**N/A -**
056215	C8	Streptavidin	350	Transp.	1	15	**N/A -**

* C8 Starwell x 12 ** With certificate

Frame only

Cat.No	Description	Packaging unit	Units/ box	€/ box
056406	Frame only, without strip	10	60	**N/A -**

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FluoroNunc plates and strips



White, black or transparent 96-well microplates for fluorescence and luminescence

- Black microplates: for fluorescence and luminescence; they scatter light and reduce background noise.
- White microplates: for fluorescence and luminescence; maximise signal and eliminate autofluorescence and luminescence problems.
- Transparent microplates: they greatly reduce background noise while allowing optical reading.

Surface Quality

- **Non treated**
- **Treated for sterile cell cultures**
- **With high adsorption surface (MAXISORP) or medium adsorption (POLYSORP)**

All plates are flat bottomed (F) or flat bottomed with curved edges (C).

			Black	White	Transparent	Pack unit.	Units/ box	€/ box
Bottom	Sterile	Lid						
Plates Treated cell culture								
Flat F	Yes	Yes	**055210**	**055211**	-	1	50	**N/A -**
Flat F	Yes	Yes	**055212**	**055213**	-	10	160	**N/A -**
Non-treated Plates								
Flat F	Yes	Yes	**055214**	**055215**	-	1	50	**N/A -**
Flat F	Yes	Yes	**055216**	**055217**	-	10	160	**N/A -**
Flat F	No	No	**055218**	**055219**	-	10	180	**N/A -**
MAXISORP plates								
Flat F	No	No	**055220**	**055221**	-	10	80	**N/A -**
Flat C	No	No	-	**055226**	-	5	60	**N/A -**
POLYSORP plates								
Flat F	No	No	**055222**	**055223**	-	10	80	**N/A -**
MAXISORP plate strips								
8 x 12 well	No	No	-	-	**055304**	5	60	**N/A -**
12 x 8 well	No	No	-	**055305**	-	5	60	**N/A -**
6 x 16 well	No	No	**055228**	-	-	5	60	**N/A -**
POLYSORP plate strips								
12 x 8 well	No	No	-	**055230**	-	5	60	**N/A -**
6 x 16 well	No	No	**055158**	-	-	5	60	**N/A -**

Accessories

Cat.No	Description	Packaging unit	Units/ box	€/ box
055143	Lid for plate	5	100	**N/A -**
055144	Sterile lid	1	150	**N/A -**

LumiNunc white luminescence plates



White 96 or 384 well plates with maximum reflection, auto-fluorescence and minimum auto-luminescence.

Surfaces:
- MAXISORP: high protein affinity;
- POLYSORP: medium adsorption;
- Treated for sterile cell cultures.

Immuno treatment (without lid)

Cat.No	Description	Packaging unit	Units/ box	€/ box
055221	MAXISORP 96-well flat bottom plate	10	80	**N/A -**
055223	POLYSORP 96-well flat bottom plate	10	80	**N/A -**
055219	96-well flat bottom plate, non treated	10	180	**N/A -**
055457	MAXISORP 384-well plate	10	30	**N/A -**
055347	1536-well plate	10	30	**N/A -**

Nunc Immobilizer™ Streptavidine and Amino Microplates and Strips

- Available in F96, C8 LockWell™ plates and F8 modules
- Ideal for binding biotinylated biomolecules, peptides, antibodies, nucleic acids or haptens
- Easy coupling protocol
- Excellent binding capacity, 20 pmoles/ml
- High signal to noise ratio
- Long-term stability at room temperature
- Available with barcode on request



				Amino				Streptavidin			
Configuration	Colour	Total Volume (µl)	Suggested working volume (µl)	Cat. No.	Packaging unit	Units/ box	€/ box	Cat. No.	Packaging unit	Units/ box	€/ box
F96	Transparent	400	100	**056206**	5	30	**N/A -**	**056211**	1	15	**N/A -**
F96	White	400	100	**056207**	5	30	**N/A -**	**056212**	1	15	**N/A -**
F96	Black	400	100	**056208**	5	30	**N/A -**	**056213**	1	15	**N/A -**
F8 x 12	Transparent	400	100	**056209**	5	30	**N/A -**	**056214**	1	15	**N/A -**
C8 x 12	Transparent	350	100	**056210**	5	30	**N/A -**	**056215**	1	15	**N/A -**
F384	Transparent	120	100	**-**	-	-	**-**	**056255**	1	15	**N/A -**

Nunc Covalink Plates

Covalent bonded plates. Surface treatment allowing it to bind various molecules to the surface of the well: antibodies, antigens, nucleic acids, lipids, polysaccharides, etc
Presentation: 12 x 8-well strips mounted on a plate.

- High binding capacity
- In transparent polystyrene, flat bottom F8
- Only one binding site per antigen or antibody, no denaturation
- Oriented immobilised molecules
- White pigment model for fluorescence and luminescence applications



Cat.No	Description	Packaging unit	Units/ box	€/ box
055206	Nunc Covalink Plate	5	30	**N/A -**

Nunc HLA Plates

Terasaki polystyrene plates specially designed for HLA applications.

- Alphanumeric markings
- Individual lid or single lid for stacked boxes
- Volume per well: 10 µl, well depth: 1.9 mm
- L x W x H (mm): 82 x 56 x 4



Cat.No	Description	Packaging unit	Units/ box	€/ box
055200	60-well plate, Individual lid	120	480	**N/A -**
055201	72-well plate, Individual lid	120	480	**N/A -**
055202	Stacking 60-well plate + 16 lids	100	400	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Microlon Immunology Plates



96-well plates and 8 or 12-well strips, breakable or non-breakable.

Several treatments available:

- Microlon medium binding plates (Microlon 200, adsorption capacity of 200 ng mouse IgG per cm^2) and high binding (Microlon 600, adsorption capacity of 600 ng mouse IgG per cm^2);
- Lumitrac white plates with medium binding (Lumitrac 200) or high binding (Lumitrac 600);
- Fluotrac black plates with medium binding (Fluotrac 200) or high binding (Fluotrac 600).

Human DNA · DNase RNase · Pyro-genic

Ultra low Lid

Cat. No.	Type	Sterile	Packaging unit	Units/ box	€/ box
691101	Bottom	No	1	100	N/A -

Divisible well-to-well plate strips 1 x 8

Cat.No	Volume (µl)	Bottom	Treatment	Units/ box	€/ box
705071	20 - 300	Flat C	High binding	100	N/A -
705070	20 - 300	Flat C	Medium binding	100	N/A -

Other colours on request

Plate strips 1 x 12

Cat.No	Volume (µl)	Bottom	Treatment	Units/ box	€/ box
701071	20 - 350	Flat	High binding	100	N/A -
701070	20 - 350	Flat	Medium binding	100	N/A -

Plate strips 2 x 8

Cat.No	Volume (µl)	Bottom	Treatment	Units/ box	€/ box
756071	20 - 350	Flat	High binding	100	N/A -
756070	20 - 350	Flat	Medium binding	100	N/A -
754061	40 - 280	Rounded	High binding	100	N/A -

96-Well plates

Bottom	Vol/wells (µl)	Microlon 200	Microlon 600	Packaging unit	Units/ box	€/ box
Flat	25-340	655001	655061	10	40	N/A -
Flat, chimney wells	30-350	655080	655081	10	40	N/A -
Rounded	40-280	650001	650061	10	40	N/A -
Conical	40-200	651001	651061	10	40	N/A -
Flat 1/2 well	15-175	675001	675061	5	40	N/A -

Plate strips 1 x 8 - Plates mounted with 12 strips of 8 wells

Area	Flat bottom	Round bottom	Packaging unit	Units/ box	€/ box
Volume/wells (µl)	20-350	40-280			
Microlon 200	762070	767070	10	100	N/A -
Microlon 600	762071	767071	10	100	N/A -
Lumitrac 200 (white)	762075	-	10	100	N/A -
Lumitrac 600 (white)	762074	-	10	100	N/A -
Fluotrac 200 (black)	762076	-	10	100	N/A -
Fluotrac 600 (black)	762077	-	10	100	N/A -

Other plates available: see page 295.

96 and 384 well streptavidine plates



Streptavidin-coated plates, 96-well or 384-well.

	96 wells	384 wells
Coated surface (by volume)	300 µl	90 µl
Adsorption capacity biotin	› 5 ng/well or 20 pmol/well	› 1.5 ng/well or 6 pmol/well
Coating variation	‹ 5 %	‹ 8 %
Streptavidin leaching	‹ 5 ng / puits	‹ 1 ng / puits

Cat. No.	Type	Colour	Packaging unit	Units/ box	€/ box
655990	96 wells	Transparent	5	40	N/A -
655995	96 wells	White	5	40	N/A -
655996	96 wells	Black with transparent bottom	5	40	N/A -
655997	96 wells	Black	5	40	N/A -
781990	384 wells	Transparent	5	40	N/A -
781995	384 wells	White	5	40	N/A -
781996	384 wells	Black with transparent bottom	5	40	N/A -
781997	384 wells	Black	5	40	N/A -

Lids

Cat. No.	Sterile	Units/ box	€/ box
020036	No	100	N/A -
020037	Yes	100	N/A -



Find the microplate films
in the Storage and screening chapter

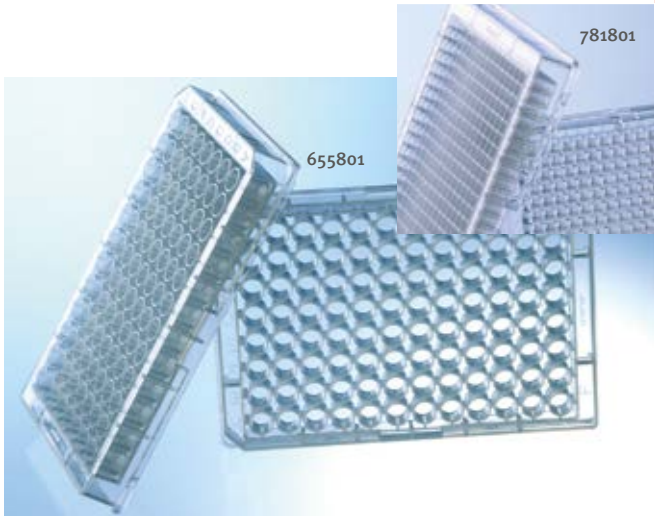
Greiner Bio-One UV-Star 96-well and 384-well plates

The only alternative to quartz cuvettes. UV permeable cycloolefin microplates suitable for the determination of nucleic acid and protein concentrations at 260 and 280 nm.

- Detectable Endotoxin free
- Resistant to DMSO
- Storage at -20 °C
- Manufactured according to ISO 9001 procedures
- µclear bottom with flat bottom/chimney well profile
- Available with black frame to reduce crosstalk between wells

DNase RNase

Human DNA



Cat. No.	Description	Packaging unit	Units/ box	€/ box
655801	UV-Star 96-well plate	10	40	N/A -
655809	UV-Star 96-well plate, black	10	40	N/A -
675801	UV-Star 96-well semi-well plate	10	40	N/A -
781801	UV-Star 384-well plate	10	40	N/A -
788876	UV-Star 384-well plate, black	10	80	N/A -

Greiner Bio-One TERASAKI Histocompatibility Plates

- For use in HLA antigen serology applications
- Treated for cell culture, sterile
- 60 or 72-well 10 µl
- With individual lid, or stackable (1 lid per bag at the top of the stack)



HLA Microtest Plates

Cat. No.	Number wells	Stackable	Lid	Packaging unit	Units/ box	€/ box
653180	60	No	1 per plate	10	270	N/A -
659180	60	Yes	1 per bag	10	200	N/A -
653190	60	No	1 per plate	120	480	N/A -
659190	60	Yes	1 per bag	150	1200	N/A -
654180	72	No	1 per plate	10	270	N/A -
769180	72	Yes	1 per bag	10	200	N/A -
769190	72	Yes	1 per bag	150	1200	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
653103	Glass coverslip 45 x 70 mm	100	N/A -
653081	Glass coverslip 51 x 76 mm	50	N/A -

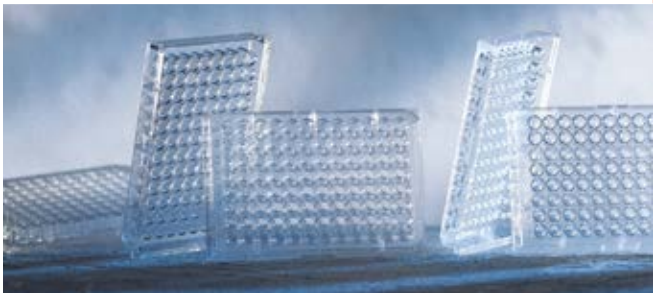
Greiner Bio-One microtiter plates

- Made of high optical quality polystyrene
- Three versions: flat bottom, round bottom and conical bottom
- Sterile or non-sterile
- To SBS standards
- Alphanumeric marking
- With lid in sterile or non-sterile version

Human DNA

DNase RNase

Pyro-genic



Cat. No.	Volume (µl)	Bottom	Lid	Sterile	Packaging unit	Units/ box	€/ box
650101	40 - 280	Rounded	No	No	10	100	N/A -
650161B	40 - 280	Rounded	No	Yes	2	100	N/A -
650161B	40 - 280	Rounded	No	Yes	2	100	N/A -
651101	40 - 200	Conical	No	No	10	100	N/A -
651161GBO	40 - 200	Conical	No	Yes	2	100	N/A -
655101	25 - 340	Flat	No	No	10	100	N/A -
655161GBO	25 - 340	Flat*	No	Yes	2	100	N/A -
655161GBO	25 - 340	Flat	No	Yes	2	100	N/A -

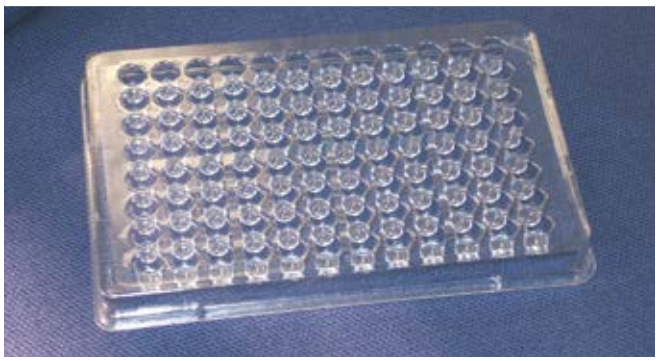
*: chimney

Accessories

Cat.No	Description	Sterile	Packaging unit	Units/ box	€/ box
020036	Universal high-shaped lid	No	1	100	N/A -
020037	Universal high-shaped lid	Yes	1	100	N/A -
020038	Lid with condensation rings	No	1	100	N/A -
020039	Lid with condensation rings	Yes	1	100	N/A -
656199	Universal low profile lid, black	-	-	200	N/A -
676001	Pre-cut Adhesive	No	-	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Microtiter flexible vinyl microplates



In flexible vinyl. Round-bottom: improves washing with the ELISA technique, increases the sensitivity of fluorescence and facilitates observation of agglutination reactions.

Applications

➤**Complement binding, agglutination, blood grouping**

Cat. No.	Description	Units/ box	€/ box
047607	Flexible PVC plate, flat bottom	100	N/A -

Transparent Microtiter Plates for Elisa



Plates for immunoassays. Binding properties:

- Immulon 1B: medium binding, affinity for hydrophobic complexes and proteins;
- Immulon 2HB: irradiated surface with strong binding increasing the binding affinity of proteins and hydrophilic complexes;
- Immulon 4 HBX: irradiated surface with very strong binding made of a special resin offering maximum protein capture.

Medium binding surface applications

➤**Monoclonal and polyclonal antibodies, proteins, peptides, immunoglobulins, lipids, lipoproteins**

Strong binding surface applications

➤**Monoclonal and polyclonal antibodies, proteins, peptides, amino acids, polysaccharides, glycoproteins, immunoglobulins**

Cat. No.	Description	Units/ box	€/ box
047608	Immulon 1BP Plate, flat bottom	50	N/A -
047609	Immulon 1BP Plate, round bottom	50	N/A -
047610	Immulon 2HB Plate, flat bottom	50	N/A -
047611	Immulon 2HB Plate, round bottom	50	N/A -
047612	Immulon 4HBX Plate, flat bottom	50	N/A -

Black and white Microtiter Plates for fluorescence



Binding properties:

- Microfluor 1 black: offers a very low background fluorescence;
- Microfluor 2 black: irradiated plate for increased binding and very low background fluorescence;
- Microfluor 1 white: very high light reflectivity and reduced background fluorescence;
- Microfluor 2 white: irradiated plate for increased binding and reduced background fluorescence.

Cat. No.	Description	Units/ box	€/ box
047617	Microfluor 1 black plate, flat bottom	50	N/A -
047619	Microfluor 2 black plate, flat bottom	50	N/A -
047621	Microfluor 1 white plate, flat bottom	50	N/A -
047623	Microfluor 2 white plate, flat bottom	50	N/A -
047625	Cliniplaque 96 black UB	50	N/A -

UB: medium binding; EB: high binding

UV 96-well, Transparent Microplate



➤**Ideal for nucleic acid and protein quantification at 260 and 280 nm**

➤**Can be used from -80 °C to +40 °C**

➤**Volume per well: 25 to 340 µl**

DNase RNase — Pyro-genic

Cat. No.	Description	Units/ box	€/ box
047613	96-well UV Plate, flat bottom	40	N/A -



Find Cliniplaques universal or high fixation microplates on www.dulis.nl

Sterilin microtiter plates

- In polystyrene
- Flat, round or conical bottom
- Fits most readers and automatons
- Alphanumeric marker for quick identification of wells
- CE IVD

Lid

Cat. No.	Plate	Sterile	Pack. unit	Units/ box	€/ box
699202	Polystyrene lid with condensation rings	Yes	1	50	N/A -

Cat. No.	Bottom	Colour	Lid	Sterile	Pack. unit	Units/ box	€/ box
698905	Flat	Transp.	No	Yes	1	50	N/A -
698904	Flat	Transp.	No	No	5	50	N/A -
698906	Flat	Black	No	No	5	50	N/A -
093012	Flat	White	No	No	5	50	N/A -
698901	Rounded	Transp.	No	Yes	1	50	N/A -
698900	Rounded	Transp.	No	No	5	50	N/A -
698903	Conical	Transp.	No	Yes	1	50	N/A -
651111	Conical	Transp.	No	No	5	50	N/A -

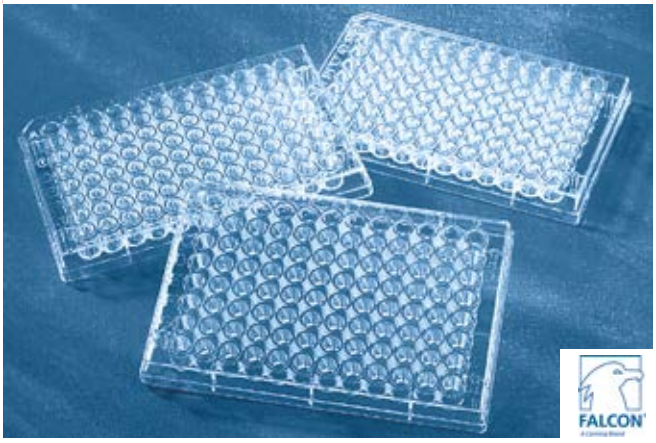
Coated Microtiter Plates 96-well Falcon®



Flat-bottom polystyrene plates

Cat. No.	Plate	Units/ bag	Units/ box	€/ box
354725	96-well transparent, anti-CD3 human	5	5	N/A -
354730	96-well transparent, control plate	5	5	N/A -

Falcon®ELISA/RIA Plates



96-well rigid polystyrene plates for ELISA and RIA.

Cat. No.	Bottom	Lid	Sterile	Units/ bag	Units/ box	€/ box
353910	Rounded	No	No	5	50	N/A -

Microplates for Elisa

96-well microplates

Cat. No.	Description	Units/ box	€/ box
047630	Polystyrene plate, conical bottom	50	N/A -
047632	Polystyrene plate, flat bottom	50	N/A -

Lids and adhesives

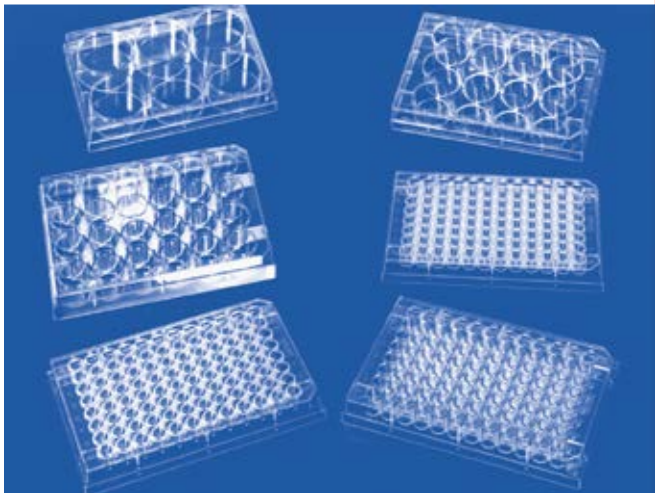
Cat. No.	Description	Units/ box	€/ box
047235	Adhesive film for microplates	100	N/A -
047640B	Sterile Universal polystyrene lid	100	N/A -



Sterile multi-well plates

- Sterile
- In transparent polystyrene
- No surface treatment, suitable for many applications

Cat. No.	Description	Pack. unit	Units/ box	€/ box
064022	6-well plate (with lid)	1	100	N/A -
064023	12-well plate (with lid)	1	100	N/A -
064024	24-well plate (with lid)	1	100	N/A -
064040	96-well plate, flat-bottom (with lid)	1	100	N/A -
064041	96-well plate, round bottom (with lid)	1	100	N/A -
064042	96-well plate, conical bottom (with lid)	1	100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Corning®UV-transparent 96-well Microplates

CORNING



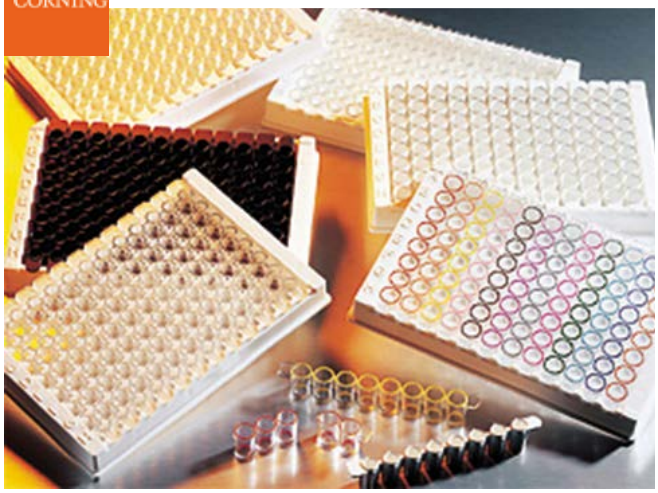
- Suitable for nucleic acid and protein quantification at 260 and 280 nm

DNase RNase

Cat. No.	Volume/ wells (µl)	Units/ bag	Units/ box	€/ box
003635	370	25	50	N/A -
003679	205	25	50	N/A -

Corning®ELISA 96 and 384-well Microplates

CORNING



- 3 colour available:
  - clear for absorbance detection
  - black for low background fluorescence
  - white for very high light reflectance and low background fluorescence
- Flat-bottom wells
- Hydrophobic
- 2 types of Binding:
  - medium: affinity for hydrophobic molecules (› 20 kD)
  - high: affinity for hydrophobic and positively charged molecules (› 10 kD)

Corning ELISA 96-well Microplates

Cat. No.	Bottom	Colour	Binding	Units/ bag	Units/ box	€/ box
003591	Flat	Clear	Medium	1	50	N/A -
003590	Flat	Clear	High	1	100	N/A -
009017	Flat	Clear	Medium	25	100	N/A -
009018	Flat	Clear	High	25	100	N/A -
003912	Flat	White	Medium	25	100	N/A -
003922	Flat	White	High	25	100	N/A -
003915	Flat	Black	Medium	25	100	N/A -
003925	Flat	Black	High	25	100	N/A -

Corning ELISA Stripwell 96-well Microplates

Strips with flat wells are easily removable and pre-assembled in a holder.

Cat. No.	Bottom	Colour	Binding	Units/ bag	Units/ box	€/ box
002593	Flat	Clear	Medium	25	100	N/A -
002592	Flat	Clear	High	25	100	N/A -
003923	Flat	White	High	25	100	N/A -
003924	Flat	Black	High	25	100	N/A -

Falcon ELISA 96-well Microplates

Cat. No.	Bottom	Lid	Colour	Binding	Units/ bag	Units/ box	€/ box
351172	Flat	Yes	Clear	Medium	1	50	N/A -
351190	Rounded	No	Clear	Medium	25	100	N/A -

Corning ELISA 384-well Microplates

Cat. No.	Bottom	Colour	Binding	Units/ bag	Units/ box	€/ box
003700	Flat	Clear	High	25	100	N/A -
003576	Flat	White	High	10	50	N/A -
003572	Flat	White	Medium	10	50	N/A -
003577	Flat	Black	High	10	50	N/A -
003573	Flat	Black	Medium	10	50	N/A -

Aluminium adhesive films

Cat. No.	Description	Packaging unit	Units/ box	€/ box
106570B	For 96-well plate	100	100	N/A -
006569	For 384-well plate	100	100	N/A -

LightOne Well Viewing System

Compact holder for visualization support in 96-well plates.

- Illuminates wells during distribution
- Lighting is either manual or programmed with pause time
- Lighting of the whole or a part of a column or row (well to well possible)
- Manual or automatic advance
- Index lighting only for light sensitive products
- To be used with the holder that gives a good angle of orientation to the plate
- Single version for 96-well plates, or 384 version for 96 and 384-well plates



Cat. No.	Description	€
039073	LightOne Illuminator, 100 - 240V with stand, foot pedal and viewing frame	N/A -
039079B	LightOne Illuminator Pro 384, 100 - 240V with stand, foot pedal and viewing frame	N/A -

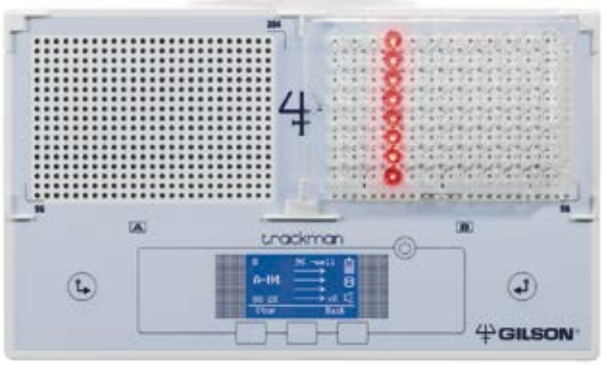
TRACKMAN™ Gilson

- Pipetting aid system
- Guidance through the microplate dispensing process
- Elimination of pipetting errors

Cat. No.	Description	€
070040	TRACKMAN™ Gilson	N/A -

Accessories

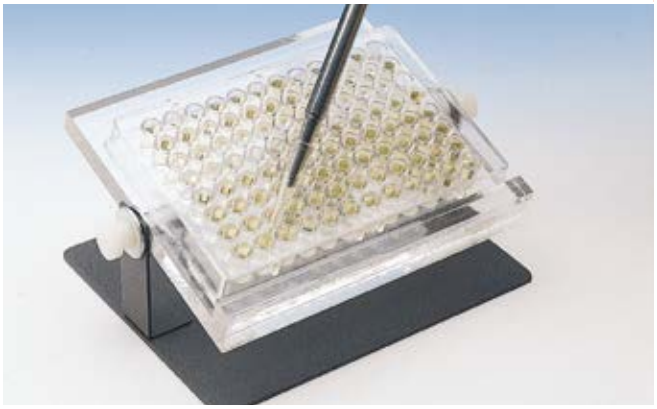
Cat. No.	Description	€
066394	Power supply	N/A -
066422	Reagent reservoirs 25 ml (100 units)	N/A -
070041	TRACKMAN™Pedal	N/A -
070042	TRACKMAN™Microtube rack for	N/A -



Tiltable microplate holder

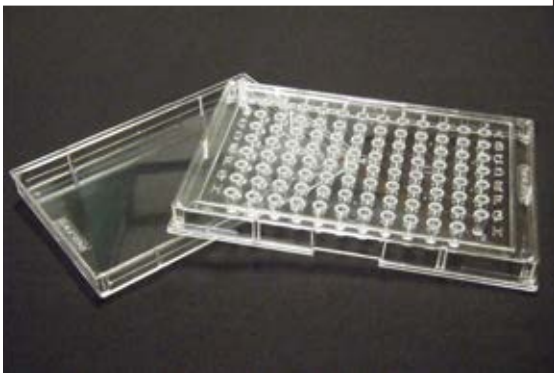
- Transparent acrylic holder
- Adjustable
- Mounted on an epoxy coated steel base
- For all 6- to 96-well plates

Cat. No.	Description	L x W x H (mm)	€
045883	Tiltable microplate holder	114 x 165 x 157	N/A -



95-Pin Inoculator, microplate format

- In moulded polystyrene
- 95 pins for simultaneous inoculation of 95 bacterial colony samples, from or into a 96-well plate
- The missing pin serves as a control
- Volume 10 µl/ pin
- Sterile gamma
- Ideal for antimicrobial testing, urine culture, bacterial colony culture, cell/ tissue culture, cytotoxicity testing, serological dilution studies, growth media evaluation
- Applications including cell/tissue cultures, toxicology and serology tests or other dilution and sensitivity tests
- Each inoculator comes with a 40 ml inoculation tray
- Inoculation tray can be ordered separately with Cat. No. 064112



Cat. No.	Description	Dimensions L x W x H (mm)	Packaging unit	Units / box	€/ box
064111	95-Pin Inoculator, microplate format	141 x 95 x 12.7	5	50	N/A -
064112	40 ml inoculation tray, microplate format	126 x 85 x 11.8	10	60	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

CappWash plate washer



- **Manual microplate washing system**
- **Fully autoclavable**
- **No electrical connection**
- **Supplied with a stand**
- **Silicone tube to be ordered separately (recommendation: 3 m)**

Cat. No.	Description	€
091033	CappWash 8-channel	**N/A -**
091232	CappWash 12-channel	**N/A -**
091243	CappWash 16-channel for 384-well plates	**N/A -**
091244	Bottle for washing solution 5 l	**N/A -**
091245	Waste collection bottle 2 l	**N/A -**
091246	Vacuum trap 194 x 144 x 191 mm	**N/A -**
091247	Silicone tube 1 m	**N/A -**

Nunc immunology tubes





Specific surface tubes designed for immunology work.
2 types of surface:

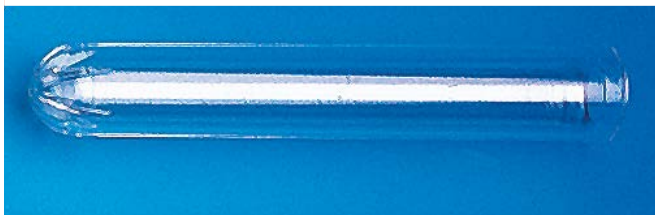
- **MINISORP**: very low adsorption, with a very significant reduction in the adhesion of proteins and immunoglobulins to the walls. Ideal for liquid phase work where dilute solutions of proteins or immunoglobulins are used.
- **MAXISORP**: very high adsorption of proteins and immunoglobulins (600 ng per cm^2)

Ø x H (mm)	Vol. (ml)	MINISORP	MAXISORP	Pack. unit	Units/ box	€/ box
11 x 70	4	**055232**	-	150	3600	**N/A -**
12 x 75	5	**055234**	**055235**	1000	3000	**N/A -**
15 x 100	12	**055306**	-	150	1200	**N/A -**

Caps for immunotubes

Cat. No.	Description	Units/ box	€/ box
056045	Cap ø 11 mm	3600	**N/A -**
056047	Cap ø 12 mm	3000	**N/A -**
056050	Cap ø 15 mm	2400	**N/A -**

Nunc Startube



Tube with fins
Bottom with 6 moulded fins increase the contact binding surface of proteins and immunoglobulins.

Cat. No.	Description	ø x h (mm)	Pack. unit	Units/ box	€/ box
055236	Nunc MAXISORP Startube 5 ml	12 x 75	1000	3000	**N/A -**



Find the Greiner Bio-One immunology tubes at www.dulis.nl

ClearLine®Reagent reservoirs

- White or translucent medical grade polystyrene
- Spouts on all 4 corners
- V-shaped bottom
- Graduations on both inner walls (accuracy +/-5%)
- Sterile tanks packed in packs of 1 or 5

DNase RNase · Human DNA · Pyro-genic

ClearLine



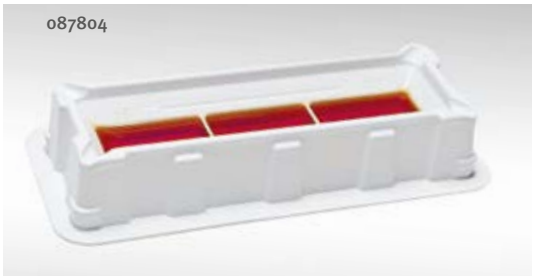
Standard tanks in white polystyrene

L x D x H int.(mm)	L x D x H ext.(mm)	Vol. (ml)	No sterile pack/100	€/ box 100 units	Sterile pack/1	€/ box 100 units	Sterile pack/5	€/ box 200 units
117 x 32 x 23	145 x 62 x 24	25	097805	N/A -	097801	N/A -	097800	N/A -
117 x 49 x 23	145 x 82 x 27	50	097819	N/A -	097802	N/A -	097803	N/A -
115 x 50 x 30	145 x 86 x 30	100	097804	N/A -	087806	N/A -	087807	N/A -

3-compartment sterile white polystyrene tanks

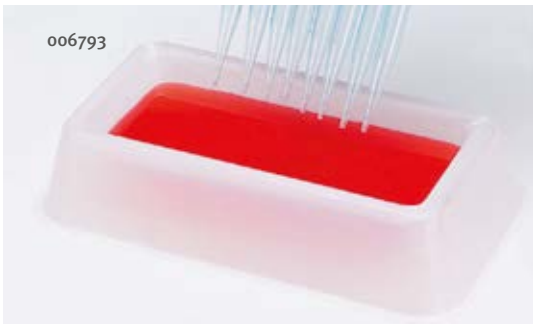
Compartment Internal size (L x D x H) = 35 x 18 x 15 mm.

L x D x H int. (mm)	L x D x H ext. (mm)	Vol. (ml)	Sterile pack/1	€/ box 100 units	Sterile pack/5	€/ box 200 units
117 x 32 x 23	145 x 62 x 24	25	087804	N/A -	087805	N/A -



Standard translucent polystyrene tanks

L x D x H int.(mm)	L x D x H ext.(mm)	Vol. (ml)	No sterile pack/100	€/ box 100 units	Sterile pack/1	€/ box 80 units	Sterile pack/5	€/ box 160 units
126 x 39 x 27	149 x 69 x 27	55	-	-	006793*	N/A -	006794*	N/A -
118 x 50 x 33	150 x 86 x 34	100	006795**	N/A -	006796**	N/A -	006797**	N/A -



Downloadable ClearLine® certificates* on www.dulis.nl

WEB

* Enter the Cat. No. on Dulis.nl

*V-shaped bottom along the inner edge
*V-bottom from 18 mm (from the top of the inner edge of the tank)

ClearLine®CE-IVD Reagent reservoirs

- White polystyrene tanks
- CE IVD certified
- Spouts on all 4 corners
- V-shaped bottom
- Graduated
- Products in a clean, pre-sterile or sterile environment

CE IVD

DNase RNase · Human DNA · Pyro-genic

ClearLine

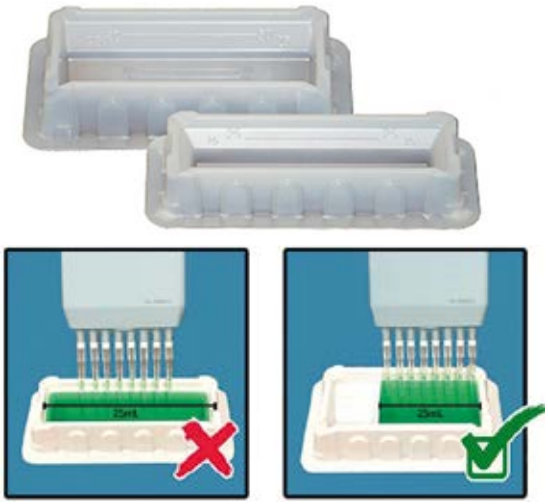


Capacity (ml)	L x D x H int.(mm)	L x D x H ext.(mm)	Non-sterile, pack/100 Cat.No	Non-sterile, pack/100 € 100 units	Sterile pack/1 Cat.No	Sterile pack/1 € 100 units	Sterile pack/5 Cat.No	Sterile pack/5 € 100 units
25	117 x 32 x 23	145 x 62 x 24	713152	N/A -	713155	N/A -	713158	N/A -
50	117 x 49 x 23	145 x 82 x 27	713153	N/A -	713156	N/A -	713159	N/A -
100	115 x 50 x 30	145 x 86 x 30	713154	N/A -	713157	N/A -	713160	N/A -

SEROLOGY IMMUNOLOGY

All prices are indicative and exclude VAT. Visit www.dulis.nl

Reagent reservoirs for multichannel pipettes



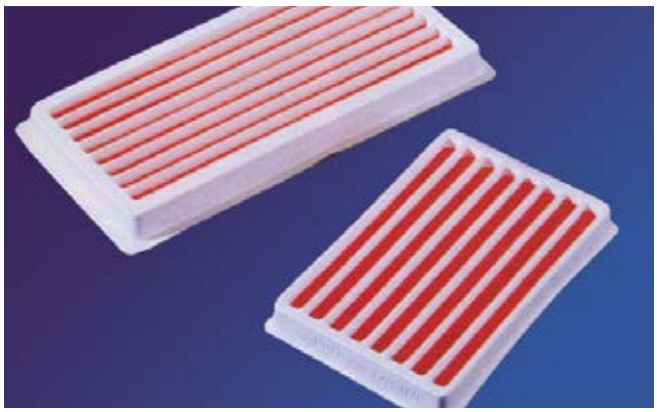
062925 to 062927

- Rigid polystyrene
- Moulded graduations, V-bottom
- Spouts on all 4 corners
- Suitable for 8-channel pipettes (10 ml, 25 ml specific 8-channel and 50 ml double chamber) and 12-channel (50 ml standard or double chamber, 100 ml)
- Sterile version: RNase/DNase free and pyrogen free

	Non-sterile			Sterile pack/1			Sterile pack/5		
Vol. (ml)	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
5	162628	300	N/A -	162629	100	N/A -	162630	200	N/A -
10	062916	300	N/A -	062917	100	N/A -	062918	200	N/A -
25	062919	100	N/A -	062920	100	N/A -	062921	200	N/A -
25**	062939	100	N/A -	062940	100	N/A -	062941	200	N/A -
50	062922	100	N/A -	062923	100	N/A -	062924	200	N/A -
50*	062925	100	N/A -	062926	100	N/A -	062927	200	N/A -
100	062928	100	N/A -	062929	100	N/A -	062930	200	N/A -

**Suitable for 8 channel pipettes * Double compartment.

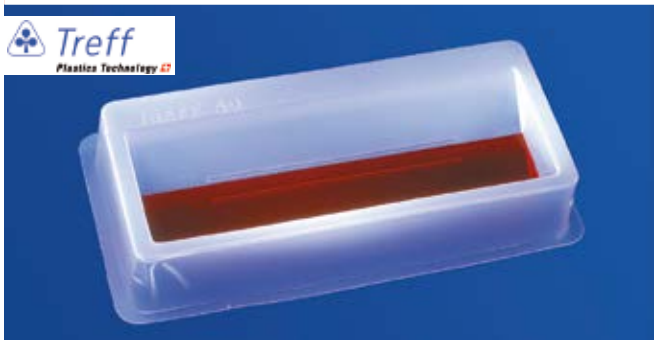
Octaline reagent reservoirs



Incubation reservoir
8-channel reagent reservoirs in microplate or larger format, made of white polypropylene.

	Microplate format	Large format
Length	10 cm	17 cm
Use	Mini SDS-PAGE Western blotting	All 8-channel applications
Volume per channel	6 ml	8 ml
Cat. No.	**046854**	**046855**
Units/box	10	10
€/box	**N/A -**	**N/A -**
Optional lid		
Cat. No.	**046856**	**046857**
Units/box	10	10
€/box	**N/A -**	**N/A -**

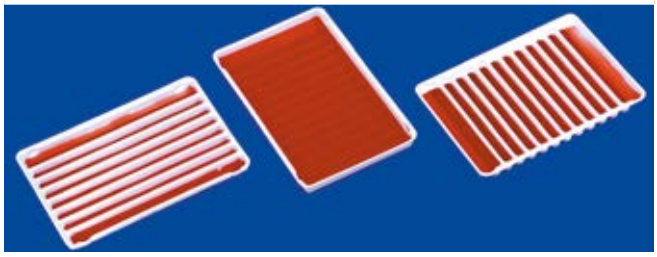
Treff reagent reservoir



- Volume: 50 ml
- Made of polypropylene
- Autoclavable, reusable
- For single channel, 8 channel or 12 channel pipettes
- Stackable
- Has 2 level lines 10 ml and 20 ml
- Its sloping side helps to hold the pipette during filling and to visualise the liquid in the tips

Cat. No.	Description	Units/ box	€/ box
034102	Treff reagent reservoir	10	N/A -

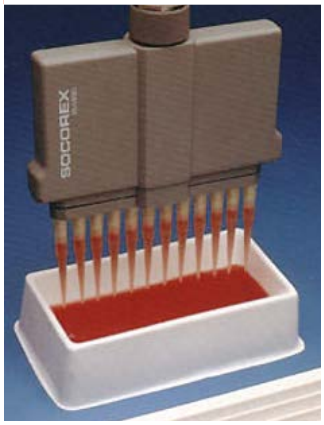
8 and 12-channel reagent reservoirs



- In polystyrene
- 8 or 12 channels, total volume: 48 ml
- For sampling with multichannel pipettes
- Sterile in individual packaging, or non-sterile

	8-channel			12-channel		
Sterile	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
No	061003	30	N/A -	061004	30	N/A -
No	061003C	100	N/A -	061004C	100	N/A -
Yes	061068	10	N/A -	061069	10	N/A -

Octatray polypropylene reservoir 100 ml



- Internal V-shape for better sample recovery
- Volume: 100 ml
- Made of polypropylene
- For use with 8 or 12 channel multichannel pipettes

Cat. No.	Description	Units/ box	€/ box
046858	Octatray reservoir	100	N/A -

Reagent reservoirs

- In transparent PVC or white polystyrene
- V-shaped bottom
- Thick walls and wide base for safe handling of the product (reduces the risk of spillage)
- Designed to lie flat on the bench and not distort
- Sterile versions: packed in sealed bags and sterilised by electron beam (also free of DNase, RNase, and pyrogens)
- Stackable
- Graduations on the upper edge and the inner wall
- Spout on the 4 corners to easily pour the contents of the reservoir
- Dual reservoir design 25 ml (10 ml + 15 ml) available

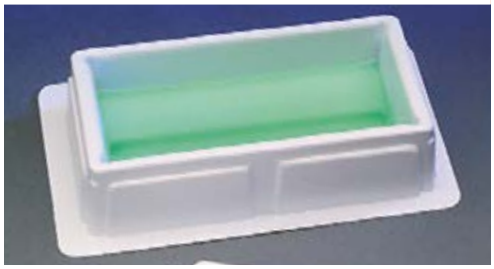


Cat. No.	Volume (ml)	Material	Sterile	Int. dim. L x W x H (mm)	Pack. unit	Units/ bag	€/ bag
320655	5	Polystyrene	Yes	7.2 x 2.1 x 1.8	1	50	N/A -
320656	10	Polystyrene	No	7.2 x 2.1 x 1.8	100	100	N/A -
320657	10	Polystyrene	Yes	7.2 x 2.1 x 1.8	1	100	N/A -
320658	25	Polystyrene	Yes	10.2 x 2.5 x 2.1	5	200	N/A -
320659	25	Polystyrene	Yes	10.2 x 2.5 x 2.1	1	100	N/A -
320660	25	Polystyrene	No	10.2 x 2.5 x 2.1	100	100	N/A -
320661	50	Polystyrene	Yes	10.2 x 2.5 x 3	5	200	N/A -
320662	50	Polystyrene	Yes	10.2 x 2.5 x 3	1	100	N/A -
320663	50	Polystyrene	No	10.2 x 2.5 x 3	100	100	N/A -
320664	50	PVC	Yes	10.2 x 2.5 x 3	5	100	N/A -
320665	50	PVC	No	10.2 x 2.5 x 3	100	100	N/A -
320666	100	Polystyrene	Yes	10.9 x 4.8 x 3.2	5	200	N/A -
320667	100	Polystyrene	Yes	10.9 x 4.8 x 3.2	1	100	N/A -
320668	100	Polystyrene	No	10.9 x 4.8 x 3.2	100	100	N/A -
320669	100	PVC	No	10.9 x 4.8 x 3.2	100	100	N/A -
320670*	25(10 and 15 ml)	Polystyrene	Yes	10.2 x 2.5 x 2.1	5	200	N/A -
320671*	25(10 and 15 ml)	Polystyrene	Yes	10.2 x 2.5 x 2.1	1	100	N/A -

* Dual reservoir version

MATRIX 25 ml and 100 ml sterile reagent reservoirs

- Polystyrene, internal graduation
- Wide base for good stability
- Spouts on all 4 sides
- Sterilised by gamma rays

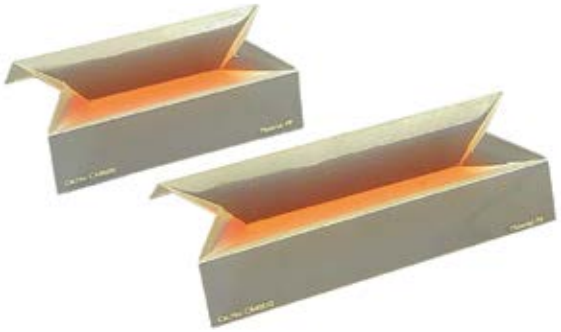


Cat. No.	Volume (ml)	Packaging unit	Units/ box	€/ box
446005	25	10	100	N/A -
446006	25	1	50	N/A -
446011	100	10	100	N/A -
446012	100	1	50	N/A -

Single-use reagent reservoirs

New reservoir concept. Supplied flat: to be folded in V-shape. 5-pack.

- Two volumes: 30 or 40 ml
- Polypropylene, sterile or non-sterile
- For 8, 12 or 16 channel pipettes
- V-bottom for easy recovery of all liquid



Cat. No.	Volume (ml)	Sterile	For pipettes	Units/ box	€/ box
091059	30	No	8 and 16-channel	50	N/A -
091060	40	No	12-channel	50	N/A -
091091	30	Yes	8 and 16-channel	50	N/A -
091092	40	Yes	12-channel	50	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Reservoir 175 ml



- V-bottom tank, capacity: 175 ml
- Autoclavable polypropylene 121 °C, 15 psi, 15 minutes
- Graduations up to 150 ml in 25 ml increments
- Very stable base, one-hand opening lid
- Two versions: sterile (5-pack) or non-sterile, with or without lid

Cat. No.	Sterile	Lid	Units/ box	€/ box
760237	Yes	Yes	100	N/A -
760238	Yes	No	100	N/A -
760239	No	Yes	100	N/A -
760240	No	No	100	N/A -

Biodegradable reagent reservoirs



GoGREEN

- Biodegradable reservoirs and packaging, sterilised by Gamma rays
- Stable
- Internal gradations

Cat. No.	Volume (ml)	L x W base (cm)	L x W x D* wells (cm)	Units/ bag	Units/ box	€/ box
053481	25	14.6 x 5.8	10.8 x 2.7 x 2.3	10	100	N/A -
053480	25 (dual reservoir)	14.6 x 5.8	10.8 x 2.7 x 2.3	10	100	N/A -
053482	50	14.6 x 6.3	10.8 x 2.6 x 2.5	10	100	N/A -
053479	100	15 x 8.5	10.8 x 4.9 x 3.2	10	100	N/A -

* Deepest

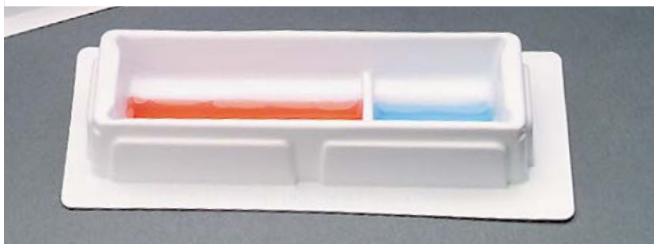
Polystyrene reagent reservoirs



- In white polystyrene for better visibility of the reagent
- For repetitive reagent transfers
- V-bottom for easy reagent recovery
- Sterile

Cat. No.	Volume (ml)	Packaging unit	Units/ box	€/ box
978377	50	1	80	N/A -
978378	50	5	200	N/A -
978380	55	1	80	N/A -
978379	55	5	200	N/A -

25 ml dual compartment reservoir



2 compartments: one accepts an 8-channel pipette, the other a single channel or 4-channel pipette.

- Total volume: 25 ml
- Sterilised by gamma rays

Cat. No.	Description	Packaging unit	Units/ box	€/ box
446007	Dual reagent reservoir	10	100	N/A -
446008	Dual reagent reservoir	1	50	N/A -

12-channel reagent reservoir

12-channel polypropylene reservoir for multi-channel pipettes or for use in robotics.

- **Autoclavable**
- **Volume per channel: 22 ml**
- **Conical channel bottom for maximum sample recovery**

Cat. No.	Description	€ 5 units
045550B	12-channel reservoir	N/A -



25 and 50 ml reagent reservoirs

- **Made of thick white polystyrene**
- **Narrow V-shaped bottom**
- **Spouts on all 4 corners of the reservoir**
- **Sterile version: RNase/DNase free and pyrogen free**

	Sterile pack/1	
Volume (ml)	Cat. No.	€ 50 units
25	141349	N/A -
50	141352	N/A -

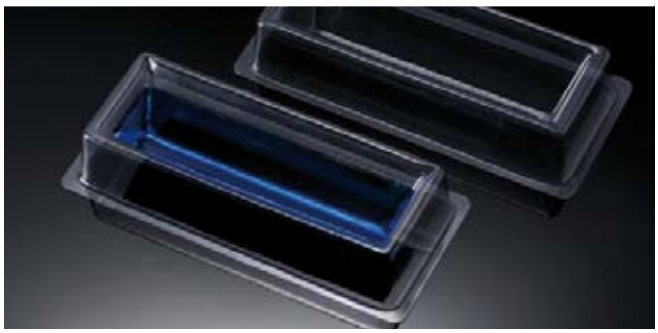


Transparent PVC reagent reservoirs 55 ml

PVC reservoirs for single or multi-channel pipettes.

- **Economic**
- **V-shaped bottom**
- **Volume: 55 ml**

Cat. No.	Material	Sterile	Pack. unit	Units/ box	€/ box
010165	Eco transparent PVC	No	100	100	N/A -
006792	Robust transparent PVC	No	100	100	N/A -



Polypropylene reagent reservoirs for robotics

Thermo SCIENTIFIC | NALGENE

Polypropylene reagent reservoirs especially designed for robotic systems for washing and rinsing operations.
2 models:
- Flat bottom;
- bottom with sloping sides, which minimises the dead volume. Ideal for 96 or 384-tip robots.

- **Non-sterile or sterile version**
- **Operating temperature: -20 °C to + 50 °C**
- **Also suitable for all microtiter operations with multichannel pipette**
- **Volume: 300 ml**

DNase RNase

Pyro-genic

Cat. No.	Sterile	Bottom	Units/ box	€/ box
028412	No	Flat	40	N/A -
028413	Yes	Flat	40	N/A -
028439	No	Sloping sides	40	N/A -
028440	Yes	Sloping sides	40	N/A -

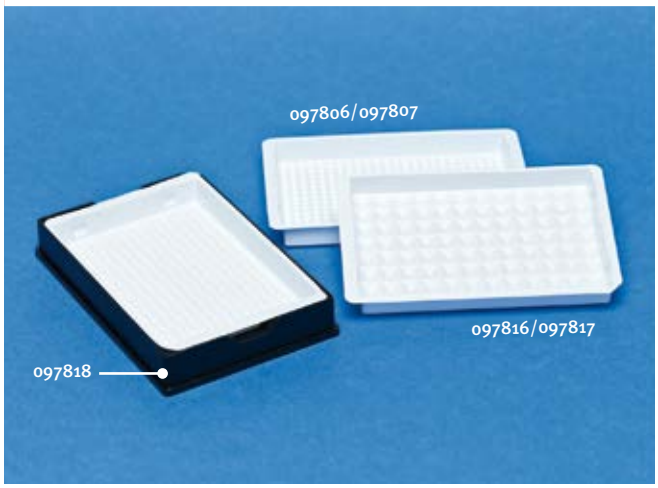




Find the 10 ml reservoir holder on www.dulis.nl

All prices are indicative and exclude VAT. Visit www.dulis.nl

HTS disposable reservoirs



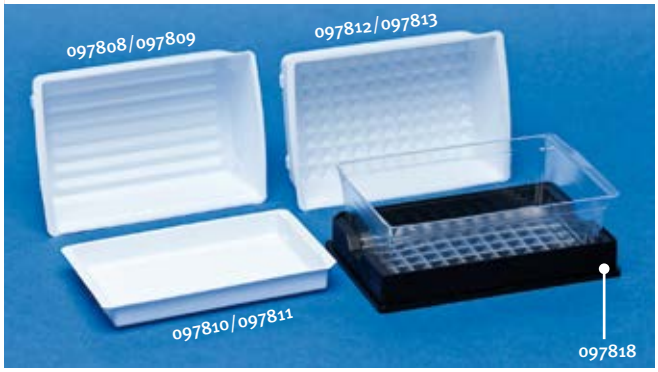
- 96 or 384 wells
- Single use white polystyrene (HIPS) with SBS format holder
- Working volume 75 ml
- With black reusable polystyrene holder
- Available Sterile or non-sterile

384-Well, white with 2 holders				96-Well, white with 2 holders			
Non sterile	€ 100 units	Sterile	€ 100 units	Non sterile	€ 100 units	Sterile	€ 100 units
097806	N/A -	097807	N/A -	097816	N/A -	097817	N/A -

Accessory

Cat. No.	Description	€ 10 units
097818	Base for reservoirs	N/A -

HTS Deepwell robotic reservoirs



- Single-use reservoirs, deepwell type, high or low profile
- In 96-well or 8-channel formats
- Single use white polystyrene (HIPS) with SBS format holder
- With black reusable polystyrene holder
- Maximum volume 300 ml
- Available Sterile or non-sterile

8-channel deepwell reservoirs, high with 2 holders				8-channel deepwell reservoirs, low with 2 holders			
No sterile	€ 100 units	Sterile	€ 50 units	No sterile	€ 100 units	Sterile	€ 100 units
097808	N/A -	097809	N/A -	097810	N/A -	097811	N/A -

Accessory

Cat.No	Description	€ 10 units
097818	Base for reservoirs	N/A -

96-well deepwel reservoirs, white with 2 holders			
No sterile	€ 100 units	Sterile	€ 50 units
097812	N/A -	097813	N/A -

Reusable reagent reservoirs



Autoclavable polypropylene reagent reservoirs.

Cat. No.	Description	Units/ box	€/ box
047176	1-well reservoir 60 ml, V-shaped (140 x 48 mm)	5	N/A -
061001	1-well reservoir 70 ml, V-shaped	20	N/A -
047179	1-well reservoir 100 ml (width 75 mm)	10	N/A -
047180	8-well reservoir 10 ml (width 75 mm)	10	N/A -
061002	1-well reservoir 175 ml with hinged lid (L x W x H = 120 x 80 x 35 mm)	20	N/A -

12-channel Flip reservoirs



- Assorted colours: blue, green, red, yellow, and natural
- 12-channel of 5 ml
- Flip-Side Well for 50 ml
- Single use, non-sterile
- For single or multi-channel pipettes
- Channels numbered 1 to 12

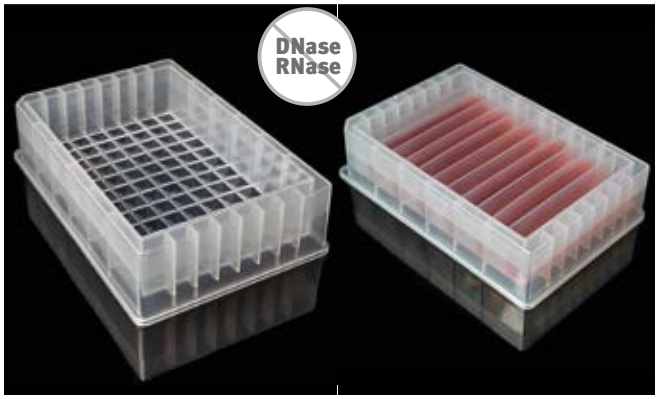
Cat.No	Description	€ 25 units
010182	12-channel Flip reservoirs, in assorted colours	N/A -



Find 2-in-1, 3-in-1 and SideCar storage tanks at www.dulis.nl

Reagent reservoirs

- Made of polypropylene
- Low form
- SBS format
- Dimensions L x W x H: 127.8 x 85.5 x 31.4 mm
- Internal height: 26.9 mm
- Compatible with Automats
- Low dead volume
- Resistant to -80 °C
- Products in a class 8 certified clean room



Cat. No.	Description	Bottom	Units/ box	€/ box
135730	Reservoir 190 ml	Flat	50	N/A -
135731	8-channel reservoir	Conical	50	N/A -
135732	12-channel reservoir	Conical	50	N/A -
135733	96-well reservoir	Conical	50	N/A -
135734	384-well reservoir	Conical	50	N/A -

75 ml reservoirs, autoclavable with lid

Autoclavable and reusable polypropylene reservoir.
It can be completed with a lid for storing solutions.



Cat. No.	Description	Units/ box	€/ box
446009	75 ml reservoir, without lid	10	N/A -
446010	Lid for 75 ml reservoir	10	N/A -

12-channel reservoir

- Made of polypropylene
- Operating temperature: - 80 °C to + 121 °C
- 3 ml channels
- Individual packaging
- Supplied with lid



Cat. No.	Sterile	Units/ box	€/ box
141152	No	50	N/A -
141153	Yes	20	N/A -

Matrix V-Groove Reagent reservoirs 2-125 ml

- 12-channel reservoirs, volume: 125 ml
- Enables all of the canals in a 96 canal distributor to be filled with 1 ml each
- Total Min. volume: 5 ml
- Specially adapted for robotics use
- V-shaped bottom for maximum recovery
- Autoclavable polypropylene

MATRIX



Cat. No.	Max volume (ml)**	Height (mm)	Sterile	Pack unit.	Units/ box	€/ box
446000	95 / 125	27.4	No	10	20	N/A -
446001	95 / 125	27.4	Yes	10	20	N/A -
446441	160 / 220	41.1*	No	10	20	N/A -
446478	160 / 220	41.1*	Yes	10	20	N/A -

* Deepwell ** With baffle / without baffle

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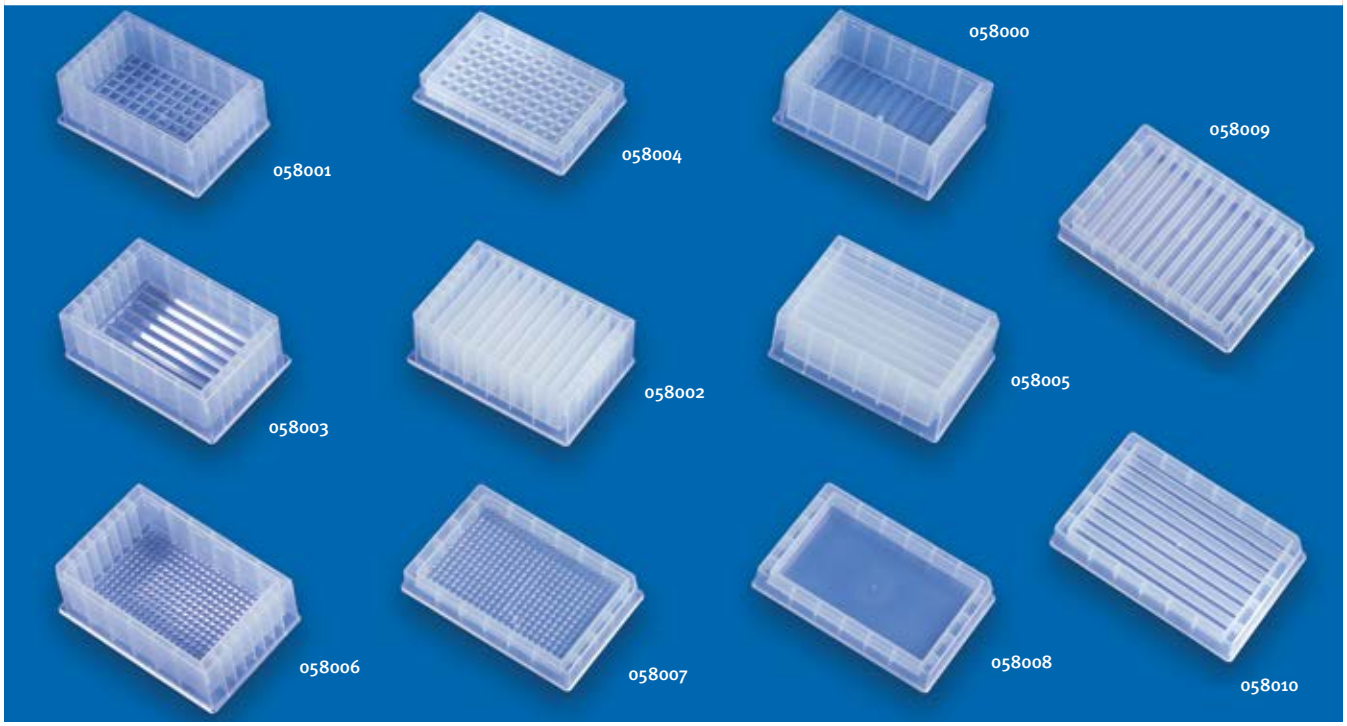
Polypropylene reagent reservoirs

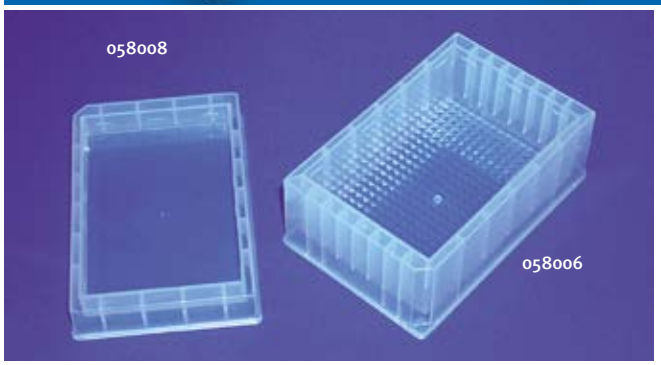


- Polypropylene with a low binding surface to prevent reagents from sticking to the edges of the walls
- Suitable for repetitive reagent transfers or robotic use
- Pyramid bottom for easy reagent recovery
- 8 and 12 channel high reservoirs for the distribution of various reagents
- 96 and 384 channel reservoirs suitable for small volumes
- Possible Storage at -80 °C
- Autoclavable

Cat. No.	Channel Number	Features	Units/ box	€/ box
978373	8	Multicavity, high	25	N/A -
978374	12	Multicavity, high	25	N/A -
978375	96	One cavity, low	25	N/A -
978376	384	One cavity, low	25	N/A -

Pyramid bottom reagent reservoirs - single use





Reservoirs of various sizes, specially adapted for robotic use, but also suitable for routine laboratory use.

- Made of polypropylene
- Low dead volume
- Compatible with most robots
- Pyramid-shaped bottom for excellent sample recovery

DNase RNase

Cat. No.	Type	Features	To.Vol. (ml)	Vol/well or / channel	Units/ box	€/ box
058004	96 wells	Low Reservoir	86	64 µl	25	N/A -
058001	96 wells	High Reservoir	300*	64 µl	25	N/A -
058007	384 wells	Low Reservoir	92	7 µl	25	N/A -
058006	384 wells	High Reservoir	282	7 µl	25	N/A -
058015	384 wells	Low Reservoir	49.3	-	25	N/A -
058016	384 wells	High Reservoir	282	-	25	N/A -
058025	384 wells	Half height	155	-	25	N/A -
058024	4-channel	Low Reservoir	300	-	25	N/A -
058012	6-channel	High Reservoir	282	47 ml	25	N/A -
058010	8-channel	Low Reservoir	85	10.6 ml	25	N/A -
058003	8-channel	High Reservoir	290	825 µl	25	N/A -
058005	8-channel	High Reservoir	256	32 ml	25	N/A -
058009	12-channel	Low Reservoir	84	7 ml	25	N/A -
058000	12-channel	High Reservoir	290	540 µl	25	N/A -
058002	12-channel	High Reservoir	250	21 ml	25	N/A -
058017	16-channel	Low Reservoir	78	4.9 ml	25	N/A -
058011	24-channel	Low Reservoir	78	3.5 ml	25	N/A -
058018	24-channel	Low Reservoir	84	3.5 ml	25	N/A -
058008	No wells or channels - low		90	-	25	N/A -

* Working volume: 240 ml

Other reservoirs

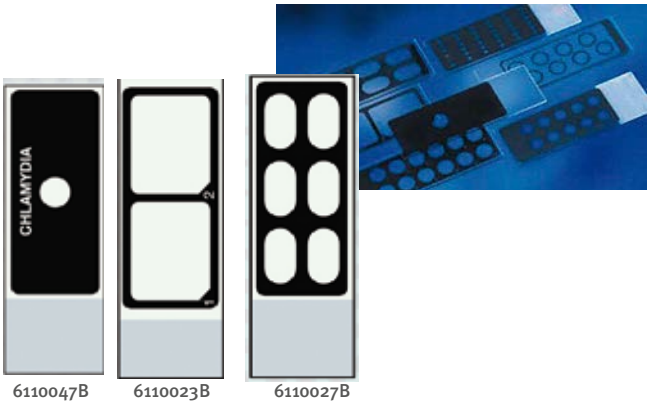
Cat. No.	Description	Units/ box	€/ box
058019	384-well, half-height reservoir	25	N/A -
058020	Sterile 96-well reservoir	25	N/A -
058027	Disposable tray reservoir	25	N/A -

Immuno-Cell Immunofluorescence Reaction Slides

Black opaque teflon coated immunofluorescence reaction slides.

- **Highly hydrophobic coating**
- **Prevents contamination between wells**

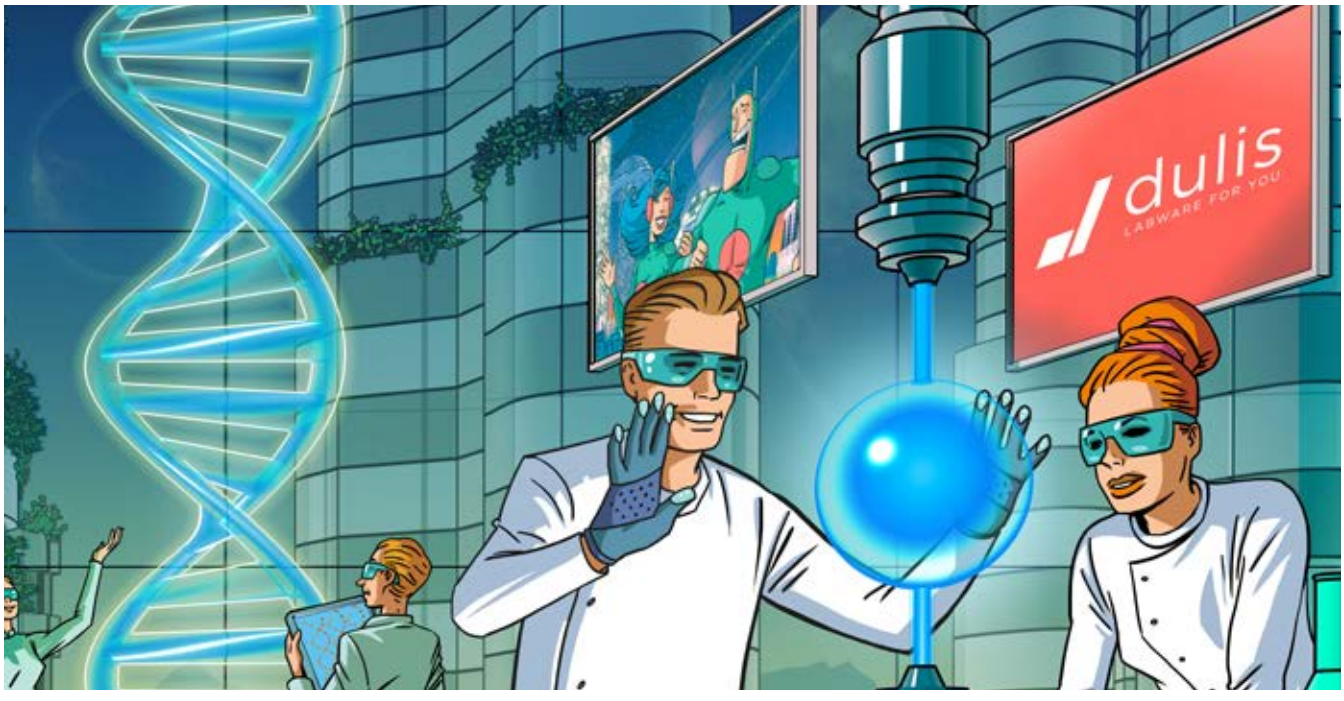
Other colours (blue, green, yellow, grey, white and orange) are available for a minimum order of 1000 slides. Consult us



6110047B 6110023B 6110027B

Cat. No.	Frosted area	No. wells	Ø wells (mm)	Numbered wells	€ 500 box
6110000B	Yes	1	8	No	N/A -
6110047B	Yes	1	8 (Chlamydia)	No	N/A -
61100101B	Yes	1	13 (Ring)	No	N/A -
6110024B	Yes	1	18	No	N/A -
6110021B	Yes	2	8	Yes	N/A -
6110010B	Yes	2	10	Yes	N/A -
6110076B	Yes	2	11	No	N/A -
6110089B	Yes	2	12	No	N/A -
61100102B	Yes	2	13 (Ring)	No	N/A -
6110074B	Yes	2	15	No	N/A -
6110081B	Yes	2	19	No	N/A -
6110023B	Yes	2	25 x 20 (Rectangle)	No	N/A -
6110001B	Yes	3	8	No	N/A -
6110002B	No	3	10	Yes	N/A -
6110022B	Yes	3	10	No	N/A -
6110030B	Yes	3	11	No	N/A -
6110003B	No	3	12	Yes	N/A -
6110004B	Yes	3	14	No	N/A -
6110041B	Yes	3	14 (Ring)	No	N/A -
6110060B	Yes	4	6	No	N/A -
6110075B	Yes	4	7	Yes	N/A -
6110037B	Yes	4	8	Yes	N/A -
6110069B	Yes	4	9	Yes	N/A -
6110059B	Yes	4	10	No	N/A -
6110052B	Yes	4	11	No	N/A -
6110018B	No	4	14	No	N/A -
6110061B	Yes	6	5	No	N/A -
6110086B	No	6	10	No	N/A -
6110027B	Yes	6	8 x 14 (Oval)	No	N/A -
6110005B	Yes	8	6	Yes	N/A -
6110058B	Yes	8	8	Yes	N/A -
6110082B	No	8	8	No	N/A -

Cat. No.	Frosted area	No. wells	Ø wells (mm)	Numbered wells	€ 500 box
6110006B	Yes	10	4	No	N/A -
6110011B	Yes (left)	10	5	No	N/A -
6110087B	Yes (right)	10	5	Yes	N/A -
6110043B	No	10	5 (Hep-2)	Yes	N/A -
6110063B	Yes (left)	10	6	Yes	N/A -
6110014C	Yes (right)	10	6	Yes	N/A -
6110017B	Yes	10	6	No	N/A -
6110016B	Yes	10	7	Yes	N/A -
6110009B	Yes	10	8	No	N/A -
6110015B	Yes	10	8	Yes	N/A -
6110051B	No	10	8	Yes	N/A -
6110033B	Yes	12	3	No	N/A -
6110020B	Yes	12	4	Yes	N/A -
6110077B	Yes	12	5	Yes	N/A -
6110029B	Yes	12	6	No	N/A -
6110070B	Yes	12	6	Yes	N/A -
6110091B	Yes	12	7	Yes	N/A -
6110019B	No	12	8	Yes	N/A -
6110026B	Yes	14	5	Yes	N/A -
6110025B	Yes	15	4	No	N/A -
6110035B	Yes	18	4	No	N/A -
6110036B	Yes	18	5	No	N/A -
6110071B	Yes	18	6	No	N/A -
6110028B	Yes	21	4	No	N/A -
6110032B	Yes	24	4	No	N/A -
6110050B	Yes	30	3	No	N/A -
6110012B	Yes	36	2	No	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

AN EXTRAORDINARY ADVENTURE



MICROBIOLOGY : ANALYSES AND MEASUREMENTS

• Petri dishes, accessories	265 to 270
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ClearLine® Petri dishes

- Made of crystal polystyrene, superior clarity
- Manufactured under ISO Class 7 conditions
- Available aseptic or sterile (E-Beam irradiated, 10 kgy)



				Aseptic		E-Beam Irradiated	
Dimensions* (mm)	Vents	Units/ bag	Units/ box	Cat.No	€/ box	Cat.No	€/ box
55 x 14 (Ø x H)	Without	15	1200	076059	N/A -	076059S	N/A -
55 x 14 (Ø x H)	3	15	1200	076058	N/A -	076058S	N/A -
90 x 13 (Ø x H)	Without	20	500	020006B	N/A -	020006BS	N/A -
90 x 14.2 (Ø x H)	3	33	825	257045	N/A -	-	-
90 x 13 (Ø x H)	3	20	500	076084B	N/A -	076084BS	N/A -
90 x 13 (Ø x H)	3	20	500	076064**	N/A -	-	-
120 x 120 x 15 (W x L x H)	4	10	240	076063	N/A -	076063S	N/A -
140 x 13 (Ø x H)	4	15	165	076060B	N/A -	076060SD	N/A -

* General dimensions, see the data sheets on www.dulis.nl for more details.
** Double packaging

Antibiotic discs

- Cellulose discs for anti-biograms
- Diameter: 6, 9 or 12 mm



Cat. No.	Description	Units/ box	€/ box
074074	Antibiotic disc 6 mm	1000	N/A -
074113	Antibiotic disc 9 mm	1000	N/A -
074114	Antibiotic disc 13 mm	1000	N/A -

Greiner Bio-One Petri dishes

Petri dishes

Polystyrene Petri dishes, with or without vents, excellent clarity, high quality with flat and stable bottom. A "heavy" version has more material which further increases stability.
3 versions: aseptic (not sterilised by irradiation), sterile E-Beam irradiated (electron bombardment) and sterile gamma irradiated.







				Aseptic		E-Beam Irradiated		Gamma Irradiated	
ø x h (mm)	Vents	Units/ bag	Units/ box	Cat.No	€	Cat.No	€	Cat.No	€
35 x 15	Yes	10	740	627102	N/A -	-	-	-	-
55 x 12***	No	15	1620	020003	N/A -	-	-	-	-
60 x 15	Yes	20	600	628102	N/A -	628161	N/A -	628162B	N/A -
93 x 21*	Yes	15	360	664102	N/A -	-	-	664161	N/A -
94 x 16	Yes	20	480	633180	N/A -	-	-	-	-
94 x 16*	Yes	20	480	-	-	-	-	-	-
94 x 16	No	20	480	632180	N/A -	-	-	-	-
94 x 16*	No	20	480	-	-	-	-	632191	N/A -
145 x 20	Yes	15	120	639102	N/A -	639161	N/A -	639101	N/A -
120 x 120 x 17 (square)	Yes	10	240	688102	N/A -	-	-	688162	N/A -

* Heavy version, high-stability
** Economy version
*** double packaging and easy opening

Contact Petri dishes

Contact Petri dishes are specifically designed for surface sampling to locate or identify micro-organisms. Graduated bottom divided into squares for an easier colony count. Contact dishes are available in either aseptic (non-radiation sterilised) or sterile E-BEAM irradiated versions.

Cat. No.	Dimensions (mm)	Vents	Sterile	Unit unit.	Units/ box	€/ box
629161	65 x 15	No	E-Beam	20	600	N/A -
629180	65 x 15	Yes	E-Beam	20	600	N/A -
629102	66 x 15	No	Aseptic*	20	600	N/A -

* Not sterilised by irradiation

TIP
See pages 590 and following for bacteriology media

Special Petri dishes

Cat.No	ø x H (mm) / feature	Vented	Aseptic*	Pack unit	Units/ box	€/ box
635102	94 x 16 2 compartments	Yes	Yes	20	480	N/A -
657102	6 wells 15 ml	Yes	Yes	2	100	N/A -

* Not sterilised by irradiation

All prices are indicative and exclude VAT. Visit www.dulis.nl

Falcon® Petri dishes

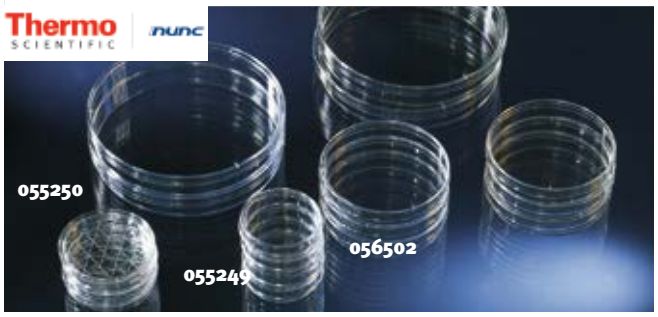


- For bacteriology, sterilised with gamma rays
- Perfectly flat surfaces, excellent transparency

Cat. No.	ø x h (mm)	Type	Units/ bag	Units/ box	€/ box
351008	35 x 10	Easy grip	20	500	N/A -
351006*	50 x 9	Waterproof cover	20	500	N/A -
351029	100 x 15	Standard	20	500	N/A -
351058	150 x 15	Standard	10	100	N/A -

* See ICSI Petri dish page 63

Nunc Petri dishes

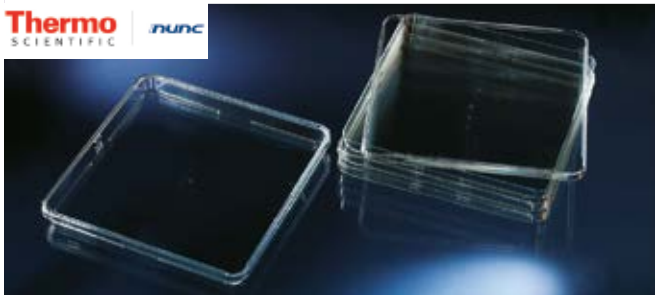


High flatness, excellent optical quality: Nunc quality.

- Sterile
- With or without vents
- Contact dish with counting grid, without vents

Cat. No.	Description	ø x H with lid. (mm)	Pack unit	Units/ box	€/ box
055249	Dish without vents	58 x 15	20	400	N/A -
055250	Contact dish	67 x 15	11	396	N/A -
056502	Dish with vents	100 x 15	20	320	N/A -

Square dishes for Nunc screening



Made of polystyrene, specially designed for screening work, it is particularly suitable for agar diffusion analysis and for all bacteriology work requiring a large surface area.

- Sterilised by gamma rays
- Total flatness
- Total area: 500 cm², working volume: 225 ml
- Ext. dim.: 245 x 245 x 25 mm

Cat. No.	Description	Pack unit.	Units/ box	€/ box
055253	Screening plate 245 x 245	4	16	N/A -

Stérilin Petri dishes



Standard Petri dishes

Cat. No.	Dimensions (mm)	Sterile	Vents	Pack unit.	Units/ box	€/ box
020005	94 x 16	Aseptic	Yes	20	500	N/A -
020006	94 x 16	Sterile	No	20	500	N/A -
020008	145 x 20	Sterile	Yes	5	80	N/A -

Compartmented aseptic Petri dishes

Cat. No.	Dimensions (mm)	Compar-tment(s)	Vents	Pack unit.	Units/ box	€/ box
020009	100 x 100	1	Yes	5	120	N/A -
020010	100 x 100	25	Yes	5	120	N/A -
020012	ø 90 x H 16	2	Yes	20	500	N/A -

Corning® Gosselin™Petri dishes



Cat. No.	ø x h (mm)	Vents	Sterile	Units/ bag	Units/ box	€/ box
020003***	55 x 12	Without	Aseptic	15	1620	N/A -
020163***	55 x 12	Without	Ionised	15	1620	N/A -
080937	55 x 12	6	Aseptic	15	1620	N/A -
688308	55 x 12	6	Ionised	15	1620	N/A -
080097**	65 x 14.5	3	Ionised	20	720	N/A -
688301	90 x 14.2	Without	Aseptic	33	825	N/A -
688306	90 x 14.2	1	Aseptic	28	700	N/A -
688302	90 x 14.2	1	Aseptic	33	825	N/A -
688307	90 x 16.2	3	Aseptic	28	700	N/A -
688298**	90 x 14.2	3	Aseptic	33	825	N/A -
688303	90 x 14.2	3	Aseptic	33	825	N/A -
639104	140 x 20.6	Without	Aseptic	11	176	N/A -
639164	140 x 20.6	Without	Ionised	11	176	N/A -
030866	140 x 20.6	3	Aseptic	11	176	N/A -
030555*	120 x 120	4	Aseptic	14	252	N/A -
030555S*	120 x 120	4	Ionised	14	252	N/A -

* square ** double pack*** double pack, easy to open

Round Petri dishes

- In polystyrene
- Perfect flatness
- Constant thickness
- Stackable
- High transparency
- 2 versions: non sterile (ISO 6) or sterile



Diameter (mm)	55	60	90												150		
Height (mm)	14	14.2	14.2		16.2		14.2		16.2		14.2		16.2		14.2	16.2	17.5
Vents	3	3	3	3	3	3	Without	Without	Without	Without	1	1	1	1	3	3	3
Number of compartments	1														2	2	1
Sterile	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes
Packaging unit	10	10	20	20	20	20	20	20	20	20	20	20	20	20	20	20	5
Units/box	800	1080	480	480	480	480	480	480	480	480	480	480	480	480	480	480	160
Cat. No.	**390160***	**390156**	**390155**	**390162**	**390153**	**390154**	**390163**	**390166**	**390164**	**390165**	**390167**	**390170**	**390168**	**390169**	**390158**	**390159**	**390157**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* With counting grid

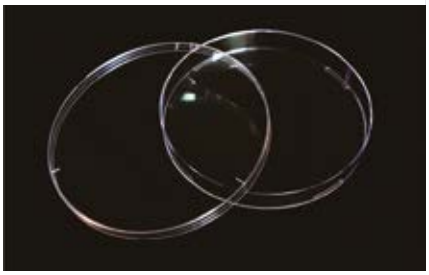
Square Petri dish

L x W (mm)	120 x 120
Height (mm)	17.5
Vents	3
Number of compartments	1
Sterile	Yes
Packaging unit	10
Units/box	240
Cat. No.	**390161**
€/box	**N/A -**



Polystyrene Petri dishes

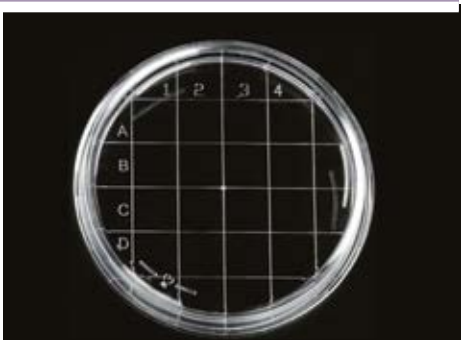
Diameter (mm)	55		90		90		120		140	
Height (mm)	14.2		14.2		16.2		15		15	
Vents	Without	3	Without	3	Without	3	Without	3	Without	3
Packaging unit	15	15	25	25	25	25	16	16	10	16
Units/box	1005	1005	600	600	600	600	240	240	110	240
Aseptic Cat. No.	**483004**	**483005**	**483008**	**483009**	**483012**	**483013**	**483026**	**483027**	**483030**	**483031**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Sterile Cat. No.	**483006**	**483007**	**483010**	**483011**	**483014**	**483015**	**483028**	**483029**	**483032**	**483033**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Rodac Petri dishes

- In polystyrene
- With counting grid

Diameter (mm)	65	
Height (mm)	14.5	
Vents	Without	4
Number of compartments	1	
Packaging unit	18	18
Units/box	918	918
Aseptic Cat. No.	**483000**	**483001**
€/box	**N/A -**	**N/A -**
Sterile Cat. No.	**483002**	**483003**
€/box	**N/A -**	**N/A -**



Specific Petri dishes

Diameter (mm)	90	90	90	90	90
Height (mm)	14.2	14.2	14.2	14.2	14.2
Vents	3	3	4	4	4
Number of compartments	1	2	1	2	3
Specifications	Laser marking		Stability ring		
Packaging unit	25	25	25	25	25
Units/box	600	600	600	600	600
Aseptic Cat. No.	**483016**	**483018**	**483020**	**483022**	**483024**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Sterile Cat. No.	**483017**	**483019**	**483021**	**483023**	**483025**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Anaerobic jars with Petri dish racks

For the cultivation of anaerobic organisms or for microaerophilic organisms.

- **With valves for evacuation and filling with the desired gas**
- **Robust stainless steel containers**
- **UV-stable**
- **Easy to clean**
- **PVC lids**
- **Manometers mounted on the lid, display of positive pressure from - 1 to + 0.2 bar**



Anaerobic jars

Cat. No.	Type	For	Vol. (l)	Dim. Ø x H (mm)	Material body/lid	Connections	Usable racks	No. of gas pack	€
110711	Crystal	15 Petri dishes, Ø 60-100 mm	3	120 x 270	Transparent PC	2 valves, 1 manometer	110723, 110728, 110724	1	**N/A -**
110719	Large	15 Petri dishes, Ø 60-150 mm	6	175 x 260	Stainless steel/ black plastic	2 valves, 1 manometer	110723, 110724, 110725, 110727, 110728, 110726	2	**N/A -**
110720	Small	10 Petri dishes, Ø 60-100 mm	2	120 x 170	Stainless steel/ black plastic	2 valves, 1 manometer	110723, 110724, 110728	1	**N/A -**
110721	Standard	15 Petri dishes, Ø 60-100 mm	3	120 x 270	Stainless steel/ black plastic	2 valves, 1 manometer	110723, 110724, 110728	1	**N/A -**
110722	Eco	15 Petri dishes, Ø 60-100 mm	3	120 x 270	Stainless steel / PC transparent	Ventilation valves	110723, 110724, 110728	1	**N/A -**

Racks

Cat. No.	Description	€
110723	Rack for 10 Petri dishes, Ø 60 - 100 mm	**N/A -**
110724	Rack for 15 Petri dishes, Ø 60 - 100 mm	**N/A -**
110725	Rack for 10 Petri dishes, Ø 60 - 150 mm	**N/A -**
110726	Rack for 45 Petri dishes, Ø 60 mm	**N/A -**
110727	Rack for multi-well plates	**N/A -**
110728	Rack for 9 tubes, Ø 18 mm	**N/A -**

Accessories

Cat.No	Description	Units/ box	€/ box
110712	GasPack Bag Anaerobic Kit, capacity 3.5 l	10	**N/A -**
110713	GasPack Bag CO_2 Kit, capacity 2.5 l	10	**N/A -**
110714	GasPack Bag microaerophil Kit , capacity 3.5 l	10	**N/A -**
110715	Anaerobe Indicator Test	100	**N/A -**

Anaerobic jars

GASPAK 100

- **Supplied complete**
- **With racks for 12 dishes**



Cat. No.	Description	€
260626	Anaerobic jar	**N/A -**

GASPAK EZ

- **For 15 or 30 dishes**



Cat.No	Anaerobic jar	€
260671	for 15 dishes	**N/A -**
260672	for 30 dishes	**N/A -**

Racks

Cat. No.	Description	€
260673	Rack fo 15 - 18 Petri dishes for GasPak™ EZ standard	**N/A -**
260674	Rack for 30 - 33 Petri dishes for GasPak™ EZ large	**N/A -**

Production and anaerobic atmosphere indicator



A pad is saturated with methylene blue. This colour changes from blue to colourless in the absence of oxygen.

- **Allows the production of an anaerobic atmosphere**
- **Anaerobic atmosphere indicator**
- **For round jar or EZ jar**
- **Per pack of 20**

Cat. No.	Description	Units/ box	€/ box
0260001	Anaerobic atmosphere production systems	20	**N/A -**
176047	Anaerobic atmosphere indicator strip	100	**N/A -**

Bag Atmosphere production



- **Contains 2 Petri dishes diameter 90 mm**
- **Per pack of 20**

Cat.No.	Description	Units/ box	€/ box
260683	GasPak EZ Anaerobic atmosphere production system	20	**N/A -**
260684	CO2 GasPak EZ atmosphere production system	20	**N/A -**

Petri dish closure tape

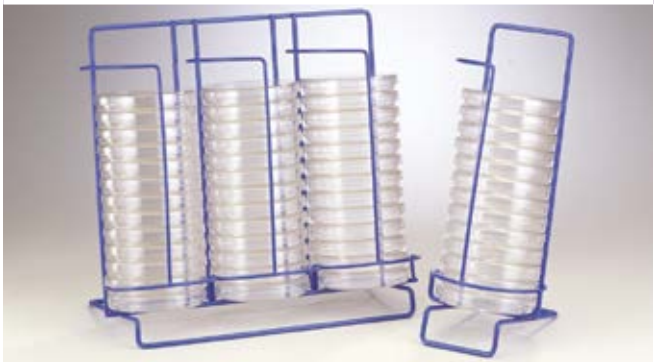
For sealing Petri dishes and microplates...
Stretch tape for sealing and closing Petri dishes and microplates.



- **Limits the risk of evaporation**
- **Reduces gas exchange and the risk of contamination**
- **Width: 12.7 mm, lenght: 35 m**
- **Flexible, stretchable**
- **Good solvent resistance, waterproof**
- **Operating temperature range: from -30 °C to +70 °C**

Colour	Transparent	White	Red	Yellow	Blue	€/ the roll
Cat.No	053001	053002	053003	053004	053005	N/A -

Dispensing Racks for Petri dishes



Epoxy coated steel racks for storing and dispensing Petri dishes.

- **2 models: the rack alone or the holder for 3 racks**
- **Top loading**
- **Holds 11 or 3 x 14 ø 90 mm or 100 mm polystyrene Petri dishes**
- **The dish is recovered from the bottom**

Cat. No.	Model	L x W x H (mm)	Dish capacity	€
085495	1 rack	145 x 110 x 280	11	N/A -
085496	1 stand + 3 racks	145 x 320 x 280	3 x 14	N/A -

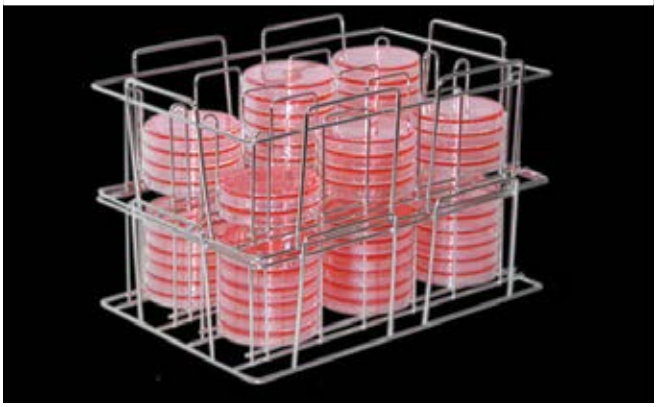
Racks for Petri dishes



- **Made of epoxy-coated steel**
- **Not suitable for glass Petri dishes**
- **Top loading**
- **With handle for transporting 100 mm or 90 mm Ø Petri dishes**

Cat. No.	Number of columns	L x W x H (mm)	Dish capacity	€
086630	1	108 x 108 x 356	20	N/A -
086631	3	343 x 105 x 305	42	N/A -

Petri dish basket holder



Stainless steel rack for loading Petri dishes into the incubator.

- **Capacity: 36 Petri dishes in 2 x 3 stacks of 6 dishes**
- **Complies with the V08-002 standard for loading ovens**

Cat. No.	For 36 Petri dishes of diameter	L x W x H (mm)	€
150303	90 mm	380 x 270 x 140	N/A -
150304	65 mm	310 x 210 x 140	N/A -
150305	55 mm	280 x 210 x 130	N/A -

Dispenser 2 x 15 Petri dishes



- **In acrylic**
- **for 2 x 15 Petri dishes ø 100 mm**
- **To be placed on the bench or fixed to the wall (supplied with screws)**
- **Dimensions: 222 x 107 x 236 mm**

Cat. No.	Description	€
037798	Petri dish dispenser	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

EasyPlate™Racks for Petri Dishes



- Increase the working area
- Eliminate the swinging effect of Petri dishes
- Good hold of the dishes thanks to an elastic system
- Supplied with marking labels
- Polycarbonate, Autoclavable

Two models available:
- for 48 (4 x 12) plastic Petri dishes 94 mm;
- for 84 (4 x 24) plastic Petri dishes 94 mm.

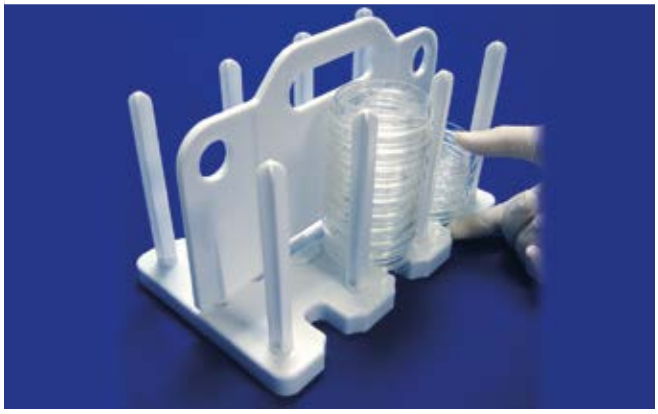
EasyPlate™ racks for 48 Petri dishes

Natural	Red	Yellow	Blue	€	Assorted	€ 4 units
086645	086647	086648	086649	N/A -	086651	N/A -

EasyPlate™ racks for 84 Petri dishes

Natural	Blue	€
086646	086650	N/A -

Rodac Racks for Petri dishes



- For 60 Petri dishes ø 65 mm or 42 Petri dishes ø 100 mm
- White polypropylene, with carrying handle
- Autoclavable at 121 °C for 20 minutes
- Supplied flat, to be assembled
- L x W x H Cat.No. 065401: 26.6 x 16.5 x 17.8 cm
- L x W x H Cat.No. 088736: 33 x 21 x 17.8 cm

Cat. No.	Description	€
065401	Rack for 60 Petri dishes Ø 65 mm	N/A -
088736	Rack for 42 Petri dishes Ø 100 mm	N/A -

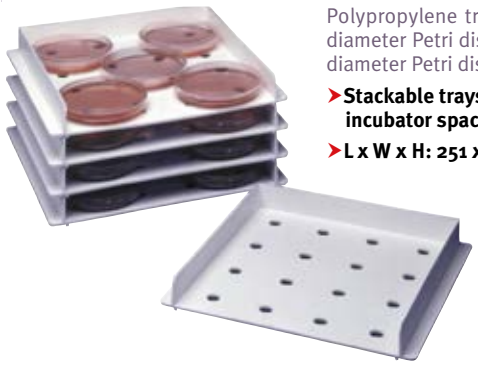
Incubation trays for Petri dishes



- Facilitate handling and incubation of Petri dishes
- White epoxy
- Dimensions: 349 x 134 x 22 mm
- Possible Petri dish diameters: 90, 60, 50 and 35 mm

Cat. No.	Description	€
085497	White epoxy incubation tray	N/A -

Stackable incubation tray for Petri dishes



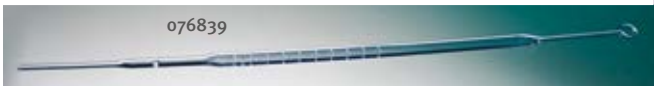
Polypropylene tray for 5 x 100 mm diameter Petri dishes or 15 x 60 mm diameter Petri dishes.

- Stackable trays to optimise incubator space
- L x W x H: 251 x 237 x 35 mm

Cat. No.	Description	€ 3 units
086601	Stackable incubation tray for Petri dishes	N/A -

Corning® Gosselin™Inoculating loops





Volume	1 µl	10 µl
Units/bag	20	20
Units/box	9000	9000
Inoculating loop + ball	076835	076837
Inoculating loop + needle	076839	-
€/box	N/A -	N/A -

- Two models: 1 µl or 10 µl + Spherical extremity / or 1 µl or 10 µl + needle extremity (vaccinostyl)
- In soft polystyrene, softer with agar
- Ergonomic
- In re-sealable zip lock bag
- Sterile

Economic models

Cat. No.	Description	Pack unit.	Units/ box	€/ box
731165GO	Inoculating loop, 1 µl	20	3000	N/A -
731175GO	Inoculating loop, 10 µl	20	3000	N/A -

Biosigma seeders

- Blue or white soft polypropylene, sterile single use
- One side needle, other side with 1 or 10 µl loop
- In peel packs of 1, 5, 10 or 20 units

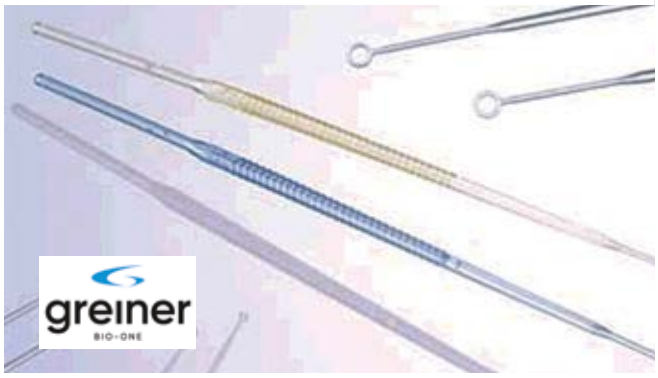
Packaging unit	1	5	10	10	20	20
Units/box	2100	4000	2000	12000	2000	10000
Inoculating loop 1 µl, white	390533	390534	390532A	390532	390531A	390531
Inoculating loop 10 µl, blue	390529	390530	390528A	390528	390527A	390527
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



Inoculating loops and seeders

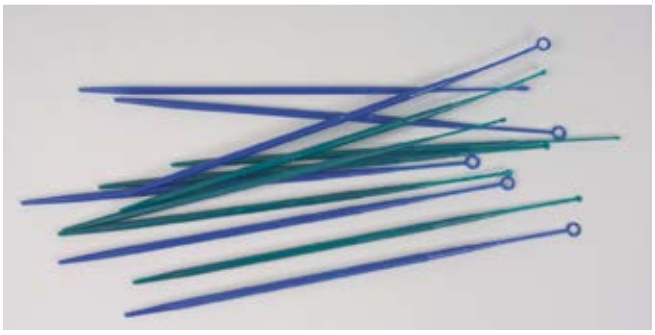
- Flexible loops for easier collection and inoculation
- Sterile polystyrene
- Allows the inoculation of micro-organisms without altering the agar
- Ideal loops for colony collection
- Length: 200 mm

Units/bag	1	10	50
Units/box	600	3000	2000
Inoculating loop 1 µl	731161	731165	731101
Inoculator 10 µl	731171	731175	731170
Seeders	731181	731185	731180
€/box	N/A -	N/A -	N/A -



Inoculating loops and vaccinostyls in sealed or resealable pouch

- Sterile
- 1 µl or 10 µl version
- Colour coded for easy identification
- Extremely smooth loop surface
- Two models, soft or hard
- Packaging in sealed or resealable pouch
- The resealable pouch is placed on a special holder which allows easy removal of the Inoculating loop



	Inoculating loop 1 µl							Inoculating loop 10 µl						
Type	Flexible				Rigid			Flexible				Rigid		
Colour	Light green				Dark green			Light blue				Dark blue		
Pouch type	Peel			Resealable	Peel		Resealable	Peel			Resealable	Peel		Resealable
Units/bag	10	10	20	40	10	20	40	10	10	20	40	10	20	40
Units/box	100	2000	4000	4000	2000	4000	4000	100	2000	4000	4000	2000	2000	4000
Cat. No.	042861	042828	042829	042837	042825	042826	042836	042862	042830	042832	042838	042827	042831	042835
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

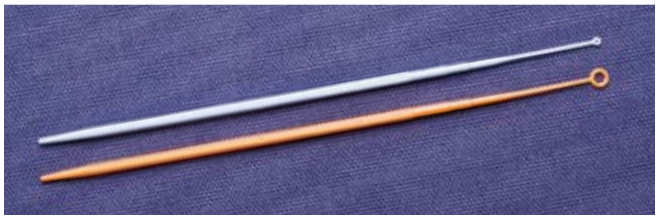
Accessories

Cat. No.	Description	Units/ bag	Units/ box	€/ box
042833	Inoculating needle in peel pouch	20	2000	N/A -
042834	Inoculating needle in resealable pouch	40	4000	N/A -
042839	Holder for resealable pouch	-	1	N/A -

Blue and orange Inoculating loops

- In polystyrene
- Soft surface of the loop prevents damage to the agar
- Sterile, in zip lock bag of 25 units

Cat. No.	Volume (µl)	Colour	Units/ bag	Units/ box	€/ box
010174	1	Blue	25	1000	N/A -
010175	10	Orange	25	1000	N/A -



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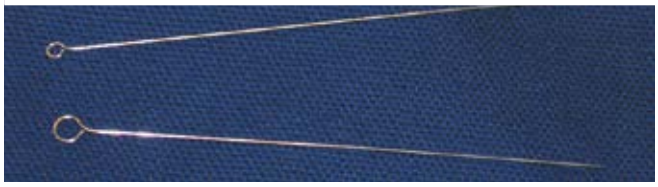
Nunc Inoculating loops and vaccinostyles



- High precision, rigorous manufacturing quality
- Sterilised by gamma rays

Units/bag	12	50
Units/box	2400	4000
Inoculating loop 1 µl	055254	055255
Inoculating loop 10 µl	055256	055257
Vaccinostyle	-	055258
€/box	N/A -	N/A -

Stainless steel Inoculating loops



Stainless steel Inoculating loop of 1.5 mm, 2.5 mm and 4 mm diameter.

Cat. No.	Description	€
076265	Inoculating loop 1.5 mm diameter	N/A -
076266	Inoculating loop 2.5 mm diameter	N/A -
076267	Inoculating loop 4.5 mm diameter	N/A -

Nichrome Inoculating loops



- Nichrome inoculating loop, calibrated or not, without handle or with insulated aluminium handle
- For calibration, use the 1 µl or 10 µl loop gauges

Non-calibrated inoculation loops without handles

Cat. No.	Description	€ 25 units
042842	Inoculating loop without handle ø 2 mm - 26 Ga	N/A -
042843	Inoculating loop without handle ø 3 mm - 26 Ga	N/A -
042844	Inoculating loop without handle ø 4 mm - 26 Ga	N/A -
042845	Inoculating loop without handle ø 5 mm - 26 Ga	N/A -

Calibrated inoculation loop without handles

Cat. No.	Description	€
042846	Calibrated Inoculating loop without handle 1 µl	N/A -
042847	Calibrated Inoculating loop without handle 10 µl	N/A -

Loop holders

Cat. No.	Description	€
042848	Aluminium loop holder - length 150 mm	N/A -
042849	Aluminium loop holder - length 175 mm	N/A -
042850	Brass loop holder - length 150 mm	N/A -
042851	Brass loop holder - length 175 mm	N/A -

Non-calibrated inoculating loops with insulated aluminium handle

Cat. No.	Diameter (mm)	Type	Length (mm)	€ 5 units
042854	2	26 Ga	200	N/A -
042855	3	26 Ga	200	N/A -
042856	4	26 Ga	200	N/A -
042857	5	26 Ga	200	N/A -

Calibration gauges

Cat. No.	Description	€
042852	Calibration gauge for 1 µl loop	N/A -
042853	Calibration gauge for 10 µl loop	N/A -

Seeding Loops

Cat. No.	Description	€
068651	Irradiated platinum loop ø 3 mm (supplied without the handle, compatible handles: 042850 and 042849, see below)	N/A -
068655	Nickel-chromium loop ø 3 mm	N/A -

Reusable inoculation loops and needles



- Nichrome handles, twisted wire
- Supplied with or without handle
- Calibrated handles supplied with calibration certificate (ASM/APHA Evans Blue Dye test protocols)

Cat.No	Type	Handle	Calibrated	Dimensions	Units/ box	€/ box
141174B	Handle	No	No	Int. ø 2.45 mm	25	N/A -
141175B	Handle	No	No	Int. ø 3.41 mm	25	N/A -
141176B	Handle	No	No	Int. ø 5.45 mm	25	N/A -
141172	Handle	No	Yes	Int. ø 4 mm (10 µl)	5	N/A -
141173	Handle	No	Yes	Int. ø 1.45 mm (1 µl)	5	N/A -
141179B	Handle	Yes (blue)	No	Int. ø 2.5 mm	5	N/A -
141180B	Handle	Yes (green)	No	Int. ø 3.5 mm (3.1 µl)	5	N/A -
141181B	Handle	Yes (red)	No	Int. ø 5.5 mm (5.45 µl)	5	N/A -
141182	Handle	Yes	Yes	Int. ø 1.45 mm (1 µl)	5	N/A -
141183	Handle	Yes	Yes	Int. ø 4 mm (10 µl)	5	N/A -
141184	Needle	-	-	-	1	N/A -
141177	Handle	-	-	L = 15 cm	1	N/A -
141178	Handle	-	-	L = 20 cm	1	N/A -

Petriturn-E and Petriturn-M turntables for Petri dishes

Petriturn-M Features

- Powerful device with a long life thanks to the large mass of the turntable
- Can be used on both sides for optimum ease of use with Petri dishes ø 100 and 150 mm
- Size: 160 x 70 mm
- Weight: approx. 2.3 kg

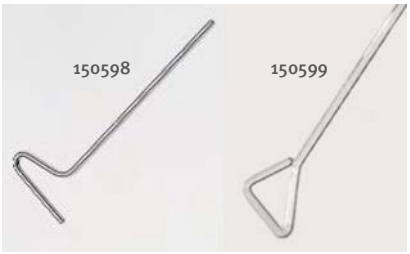


Petriturn-E Features

- Stainless steel device, it operates with an electric motor and a sensor for contactless operation of the turntable
- Used for uniform liquid agar surfaces in Petri dishes
- Used for Petri dishes up to 100 mm in diameter (150 mm as an option and other diameters available on request)
- Turns at a speed of 10 to 100 rpm, continuously adjustable for periods of 3 sec to 2 min or permanently
- Option: connection of a pedal
- Size: 160 x 170 mm
- Weight: approx. 1 kg
- Duration of use: 3 s – 2 min / non-stop



Cat. No.	Description	€
150594	Electrical Petriturn-E 230 V	N/A -
150595	Manual Petriturn-M	N/A -
150596	Pedal for Petriturn-E	N/A -
150597	Petri dish holder up to 150 mm	N/A -
150598	Stainless steel Inoculating loop 180 mm	N/A -
150599	Glass Inoculating loop 145 mm	N/A -



Replicator for Petri dishes

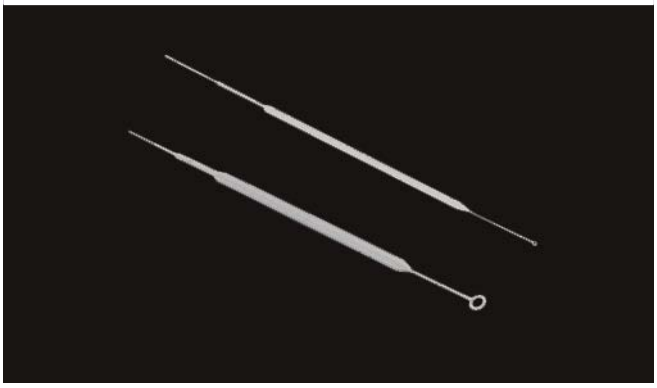
The system allows the replication of bacterial colonies using the "velvet replication" technique. For 90 mm dishes. The system includes:

- a 52 mm high PVC base;
- a 100% cotton velveteen square (152 x 152 mm);
- a locking aluminium ring secures the velveteen on the cylinder.



Cat.No	Description	€
085884	Replicator (base + ring) with 12 sterile velvet squares	N/A -
085885	Sterile velvet squares (3 bags of 12)	N/A -

Polystyrene Inoculating loops



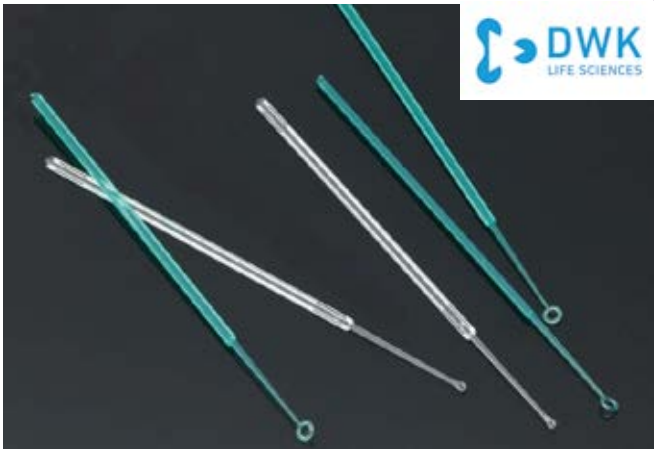
Length (mm)	194	
Packaging unit	20	1
Units/box	7000	2000
Inoculating loop 1 µl	**483047**	**483049**
€/box	**N/A -**	**N/A -**
Inoculating loop 10 µl	**483048**	**483050**
€/box	**N/A -**	**N/A -**

Wheaton® Inoculating loops

- In polystyrene
- Smooth head
- Rigid handle
- Sterilised with ethylene oxide
- In peelable bag of 20

Cat. No.	Volume (µl)	Colour	Length (mm)	Pack* unit.	Units/ box	€/ box
055777	10	Green	172	1000	6000	N/A -
055775	1	Transparent	170	1000	6000	N/A -
055774	10	Blue	199	1000	6000	N/A -
055776	1	Blue	199	1000	6000	N/A -

* In peelable bag of 20.



All prices are indicative and exclude VAT. Visit www.dulis.nl

L-shaped sterile white or blue spreaders



Sterile, L-shaped spreader with curved end to avoid scratching the surface of the culture medium. Packed individually or in bags of 5. Diameter: 3 mm. Blue or white.

Cat. No.	Colour	Rake length	Units/ bag	Units/ box	€/ box
999060B	White	35 mm	1	400	N/A -
999059B	White	35 mm	5	400	N/A -
042820	Blue	33 mm	1	500	N/A -
042821	Blue	34 mm	5	1000	N/A -

T-shaped spreaders



Sterile T-shaped spreader. Packed individually, by 5 or by 10.

Cat. No.	Shape	Rake length	Units/ bag	Units/ box	€/ box
042822	T-shape	35 mm	1	500	N/A -
042823	T-shape	35 mm	5	1000	N/A -
042824	T-shape	34 mm	10	1000	N/A -

Sterile L-shape green or orange spreaders





010178 / 010177

- Single-use spreaders
- L-shape with curved end
- In polystyrene or ABS
- Smooth surface
- L x W x ø: 146 x 38 x 4 mm
- Packed individually or by 10

Cat. No.	Colour	Material	Units/ bag	Units/ box	€/ box
037616	Green	ABS	10	500	N/A -
010178	Orange	PS	10	500	N/A -
010177	Orange	PS	1	500	N/A -

PS: polystyrene ABS: acrylonitrile butadiene styrene

Wheaton® Spreaders

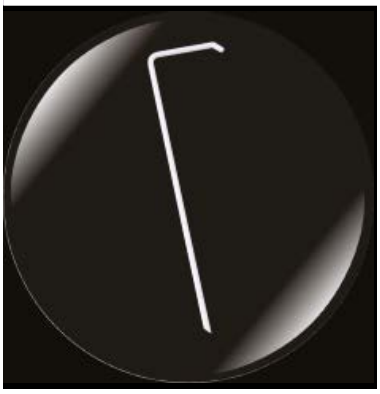


DWK LIFE SCIENCES

- Smooth L-shape
- Sterile

Cat. No.	Description	Pack unit.	Units/ box	€/ box
055779	L-shaped spreaders	5	500	N/A -

Sterile L-shaped spreaders



- In polystyrene

Length (mm)	148
Cat. No.	483045
Packaging unit	5
Units/box	2400
€/box	N/A -
Cat. No.	483046
Packaging unit	1
Units/box	2000
€/box	N/A -

Sterile rake shape spreaders



Dimensions: 172 x 37 x 14 mm. Easy to handle. Sterile

Cat. No.	Description	Packaging unit	€ 500 units
037877	Sterile spreaders	1	N/A -

Stainless steel Spreaders



For spreading bacteria on Petri dishes.

- Stainless steel
- Autoclavable
- Flame sterilisable
- Length: 302 mm
- Two widths: 16 or 25 mm

Cat. No.	Description	€
085968	Stainless steel spreader 16 mm wide	N/A -
085969	Stainless steel spreader 25 mm wide	N/A -

Drigalski spatulas



- Glass
- L x W x ø: 145 x 50 x 5 mm
- For a uniform distribution of biological material

Cat. No.	Description	€
140605	Drigalski Spatula 145 x 50 mm	N/A -

Dual stirring spatula



Dual function spatulas:
- stirring spatula at one end (30 x 7 mm);
- Inoculating rod at the other (38 x 1 mm).

Total length: 150 mm. Thickness: 7 mm.

Cat. No.	Description	Units/ bag	Units/ box	€/ box
999065	Sterile shaker - Inoculating loop	5	1000	N/A -

Stirring rod

- In soda-lime or borosilicate glass
- Diameter: 8 mm, lenght: 250 mm

Cat. No.	Description	€
673329	Soda-lime glass stirring rod	N/A -
673330	Borosilicate glass stirring rod	N/A -



Sterile sampling clamp



- With an embossed inner surface for a better grip on objects
- Sterile, single pack

Cat. No.	Description	Length (mm)	Units/ box	€/ box
085931	Sampling clamps	108	25	N/A -

Picks

- Wooden picks
- 3 sizes
- 100 % Certified for food contact



Cat. No.	Description	Units/ box	€/ box
711952	1-Tip pick, 66 mm	1000	N/A -
711953	2-Tip pick, 68 mm	1000	N/A -
711954	2-Tip pick, 80 mm	1000	N/A -

SmartPicks wooden picks



- 3 lengths: 32.5 mm, 63.5 mm and 152.4 mm
- 32.5 mm version suitable for 1.5 ml tubes
- 2 tip sizes: 1.6 mm (bevelled) and 0.4 mm (needle point)
- Autoclavable

Cat. No.	Length (mm)	ø tip (mm)	Units/ box	€/ box
320058	32.5	1.6	2000	N/A -
320059	32.5	0.4	2000	N/A -
320060	63.5	1.6	1500	N/A -
320061	63.5	0.4	1500	N/A -
320062	152.4	1.6	500	N/A -
320063	152.4	0.4	500	N/A -

Wooden toothpick



Cat. No.	Length (mm)	ø (mm)	Number of tips	Units/ box	€/ box
046002	80	1.8	2	100	N/A -
046003	80	1.8	2	1000	N/A -
046098	68	1.8	2	1000	N/A -
534804	65	2	1	800	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Cotton buds



- Wooden rod

Cat. No.	Number of heads	Rod size Ø x W (mm)	Ø head (mm)	Units/ box	€/ box
046027	2	2.2 x 80	6	100	N/A -

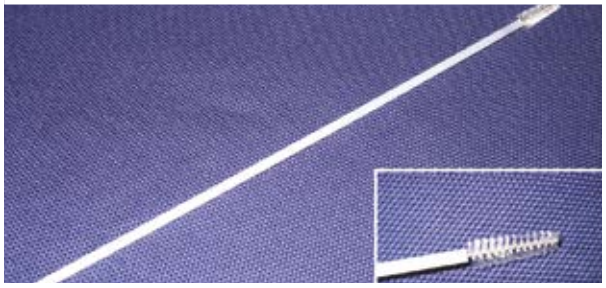
Tongue depressor



- Wooden
- Smooth contact
- Rounded ends
- Non-sterile, single use

Cat.No	Description	Dimensions (mm)	Units/ box	€/ box
046009	Wooden tongue depressor	150 x 18	100	N/A -
534801	Wooden tongue depressor ECO	150 x 18 x 2.2	100	N/A -
534802	Wooden tongue depressor ECO single pack	180 x 21 x 2.35	100	N/A -

Histobrush swabs



For endocervical sampling. Intact sampling Sterile brush swab for cell sampling, chlamydia testing, Papanicolaou collection, STD sampling, etc.

- Up to 70 times more effective than a traditional swab
- Sterile in individual packaging
- Length: 20 cm

Cat. No.	Description	€ 100 units
252188	Histobruch sterile swabs	N/A -

Nasopharyngeal swabs

Dry swabs



Rod	Material	ABS
	Length (mm)	153
	Ø (mm)	2.5
	Breakable (mm)	100
Tip	Material	Nylon
	Ø (mm)	3
Medium volume (ml)		3

- Rod material: ABS
- Total length: 150 mm
- Diameter: 2.5 mm
- Breaking height: 82.5 mm
- Flocked nylon tip
- Width: 3 mm
- Thickness: 3 mm
- Length: 16 mm
- Sterile
- CE and FDA
- Single pack

Cat. No.	Description	Units/ box	€/ box
011990	Swab in peelable bag	100	N/A -

Swabs with medium

Cat. No.	Description	Units/ box	€/ box
010233	10 ml tube with 3 ml transport medium - preservation	500	N/A -
010234	10 ml tube with 3 ml preservation medium - virus inactivation	500	N/A -

Swab for DNA sampling



- Treated with ethylene oxide
- Tested for use in PCR
- Wooden rod, cotton tip
- Delivered with DNA analysis certificate

Cat.No	Description	Pack unit.	Units/ box	€/ box
020467A	Certified PCR DNA collection swabs	100	100	N/A -

Swabs for fine sampling



- Laminated paper rod
- Mini cotton tip diameter 1.5 mm
- Gamma irradiation with Sal 10^{-6}

Cat. No.	Description	Units/ box	€/ box
039027B	Cotton swabs, paper rod, sterile tube	250	N/A -

Cotton tip swabs



Wooden or polypropylene rod. With one or two cotton tips.

Cat.No	Rod	Rod size L x ø (mm)	Tip size L x ø (mm)	Pack unit.	Units/ box	€/ box
020305	Wood	400 x 4	50-60 x 15-20	100	100	**N/A -**
020306	Wood	500 x 4	50-60 x 15-20	100	100	**N/A -**
020307	Wood	200 x 3	25-30 x 5	100	100	**N/A -**
020308	Wood	250 x 3	25-30 x 5	100	100	**N/A -**
020309	Wood	300 x 3	25-30 x 5	100	100	**N/A -**
020310	Polypropylene*	80 x 2.5	12 x 4-5	100	2000	**N/A -**
020311	Wood*	80 x 2.5	12 x 4-5	100	2000	**N/A -**
020317	Wood	230 x 2.2	12 x 4-5	100	1000	**N/A -**
390696A	Wood	150 x 2	Width 5 mm	20	100	**N/A -**
390580	Wood	150 x 2	Width 5 mm	1	5000	**N/A -**
390696	Wood	150 x 2	Width 5 mm	1	10000	**N/A -**

* Swab with 2 tips

Gynobrush sampling brush



Non-sterile sampling brush. 4 models:
- Gynobrush: length 20 cm;
- Gynobrush Plus: length 20 cm, soft plastic end tip;
- Gynobrush Special: length 20 cm, triangular-shaped tip;
- Gynobrush Combi: length 24 cm, with two usable sides (sampling brush and Ayres sampling spatula), tip finished with soft plastic.

Cat. No.	Description	€ 100 units
020411	Gynobrush sampling brush	**N/A -**
020412	Gynobrush Plus sampling brush	**N/A -**
020413	Gynobrush Special sampling brush	**N/A -**

Polyurethane head swabs



With plastic or wooden rod.

Cat.No	Rod	Rod length (mm)	Tip	Pack unit.	Units/ box	€/ box
020312	Wood	150	Fine	100	100	**N/A -**
020313B	Polypropylene	150	Large	25	25	**N/A -**
020314	Wood	150	Large	25	100	**N/A -**
020315A	Polypropylene*	150	Large flexible	25	25	**N/A -**

* Swab with 2 tips

Vials with swab



- **Sterile polypropylene (the cap Cat.No. 930753 is made of polyethylene)**
- **Round bottom, skirted**
- **Protect the sample from contamination**
- **A cotton swab is attached to the cap (ideal for sampling)**
- **Silicone gasket for a perfect seal**
- **Tested 95 kPa**

Cat. No.	Volume (mL)	Pack unit	Units/ box	€/ box
930752	5	100	500	**N/A -**
930753	10	50	500	**N/A -**

Plastic tube swabs

- **Swabs delivered in a plastic tube with marking label**
- **Packaged in bags of 100 or 500**
- **Available with wooden, plastic, aluminium or paper rods and synthetic or natural tip**
- **Sterile**

Cat. No.	Rod material	Tip material	Colour code	Units/ bag	Units/ box	€/ box
020060	Wood	Hydrophile Cotton	Red	500	500	**N/A -**
020060COP	Wood	Hydrophile Cotton	Red	100	100	**N/A -**
020061	Wood	Carded cotton	Violet	500	500	**N/A -**
020063	Plastic	Hydrophile Cotton	Red	500	500	**N/A -**
042864	Plastic	Viscose	Blue	500	500	**N/A -**
042811	Plastic	Dacron	Red	100	1000	**N/A -**
042812	Aluminium	Synthetic	Orange	100	1000	**N/A -**
042814	Aluminium	Dacron	Yellow	100	1000	**N/A -**
042870	Aluminium	Viscose	Orange	500	500	**N/A -**
042896*	Plastic	Synthetic	White	50	500	**N/A -**
042817	Aluminium	Synthetic	Blue	500	1000	**N/A -**

* Double swab



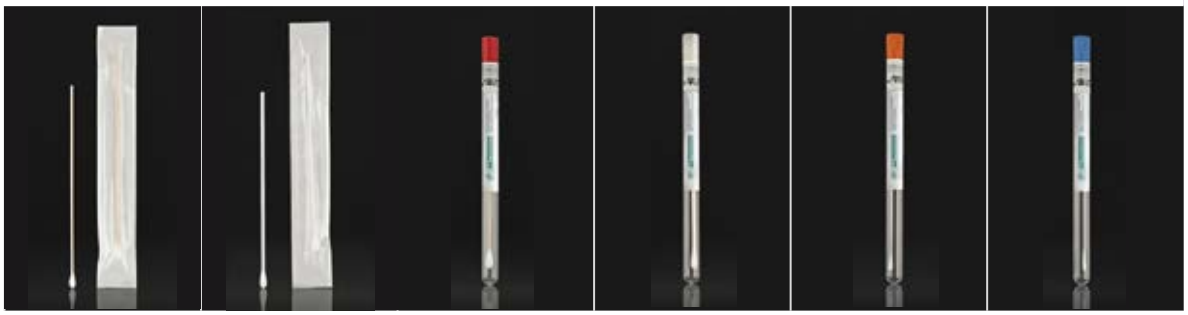
Sterile swabs in transparent polystyrene tube

Sterile swabs with wooden shaft and cotton tip, in transparent polystyrene tube.

Cat. No.	Tube size (mm)	Pack unit	Units/ box	€/ box
421180	16 x 150	1	700	**N/A -**
421161	16 x 150	1000	1000	**N/A -**
420180	16 x 110	1	700	**N/A -**
420161	16 x 110	1000	1300	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Sampling swabs



Rod material	Wood	Plastic	Wood	Plastic	Aluminium	Flexible twisted aluminium
Tip material	Cotton	Cotton	Cotton	Rayon	Rayon	Rayon
Sterile	Yes					
Transport tube	No	No	Yes (12 x 150 mm)			
Cat. No.	**390102**	**390103**	**390104**	**390105**	**390106**	**390107**
Packaging unit	500	100	100	100	100	100
Units/box	5000	2000	1000	1000	1000	1000
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Swabs with transport medium



Stick material	Plastic					Plastic	
Tip material	Rayon					Polyester	
Sterile	Yes						
Tube	Polypropylene, 12 x 150 mm						
Transport media	Stuart	Stuart and charcoal	Amies	Amies and charcoal	Cary blair	Virus	Chlamydia
Cat. No.	**390108**	**390109**	**390110**	**390111**	**390112**	**390113**	**390114**
Packaging unit	100	100	100	100	50	25	25
Units/box	600	600	600	600	500	250	250
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Single-use spectrophotometer cuvettes ClearLine®



Single-use cuvettes, in two types of materials:
- polystyrene (PS): wavelength 340 to 900 nm;
- PMMA: wavelength 300 to 900 nm.

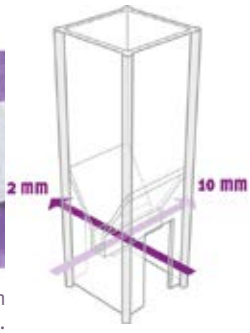
➤ **Optical path: 10 mm**

➤ **Packaged in a polystyrene box**

Cat. No.	Vol. (ml)	Number of windows	Type	Material	Spectral range (nm)	€ 100 units
030101	1.6	2	Semi micro	PS	340/900	**N/A -**
030108	1.6	2	Semi micro	PMMA	300/900	**N/A -**
030100	4	2	Macro	PS	340/900	**N/A -**
030111	4	2	Macro	PMMA	300/900	**N/A -**

UVETTE spectrophotometer cuvettes





Single-use cuvettes for UV - visible with double optical path: 10 mm or 2 mm. For use on the Eppendorf Biophotometer.

➤ **Rack or individual packaging**

➤ **Measure: 220 to 1600 nm**

➤ **Volume: 50 to 2000 µl**

➤ **Beam height: 8.5 mm**

➤ **L x W x H: 12.5 x 12.5 x 36 mm**



Cat. No.	Description	Units/ box	€/ box
033189	Uvette® Eppendorf individual packaging	80	**N/A -**
033952	Uvette® Eppendorf on rack	2 packs of 100	**N/A -**

Adapters for other brands of photometers

The Uvettes® Eppendorf can be used on most photometers with an adapter.

Cat. No.	For photometers	€
033337	Beam height 8.5 mm	**N/A -**
033338	Beam height 10 mm	**N/A -**
033339	Beam height 15 mm	**N/A -**
033340	Beam height 20 mm (Varian Cary 50 compatible)	**N/A -**
033344	GeneQuant I and II	**N/A -**

Ratiolab single-use spectrophotometer cuvettes

➤ **Single-use cuvettes**

➤ **External dimensions: 12.5 x 12.5 x 45 mm**

➤ **Optical path: 10 mm**

➤ **Supplied in a resealable polystyrene box of 100 cuvettes**



For UV reading (220 to 900 nm)

Special plastic resin.

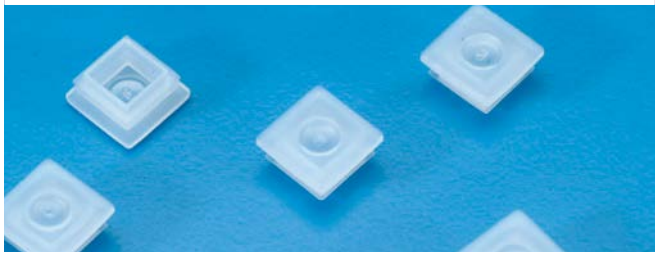
Cat. No.	Vol. (ml)	€ 100 units
030105	1.6	**N/A -**
030106	4	**N/A -**

For reading in the visible

Cat. No.	Vol. (ml)	Number of windows	Type	Material	Spectral range (nm)	€ 100 units
030101R	1.6	2	Semi micro	PS	340/900	**N/A -**
030108R	1.6	2	Semi micro	PMMA	300/900	**N/A -**
030109	1.6	2	Semi micro	Resin*	340/900	**N/A -**
030100R	4	2	Macro	PS	340/900	**N/A -**
030111R	4	2	Macro	PMMA	300/900	**N/A -**
030112	4	2	Macro	Resin*	340/900	**N/A -**

* solvent resistant resin: check compatibility (see guide on www.dulis.nl)

Cap for cuvettes



Polypropylene caps for cuvettes.

Cat. No.	Description	€ 1000 units
391101	Cap for cuvettes	**N/A -**

Eppendorf® Vis Cuvettes



➤ **Single-use cuvettes**

➤ **Measurements in the range 300 to 900 nm**

➤ **Light beam height: 8.5 - 15 mm**

➤ **Ideal for colorimetric protein assays, OD600, kinetic measures (Macro Cell) and fluorescence**

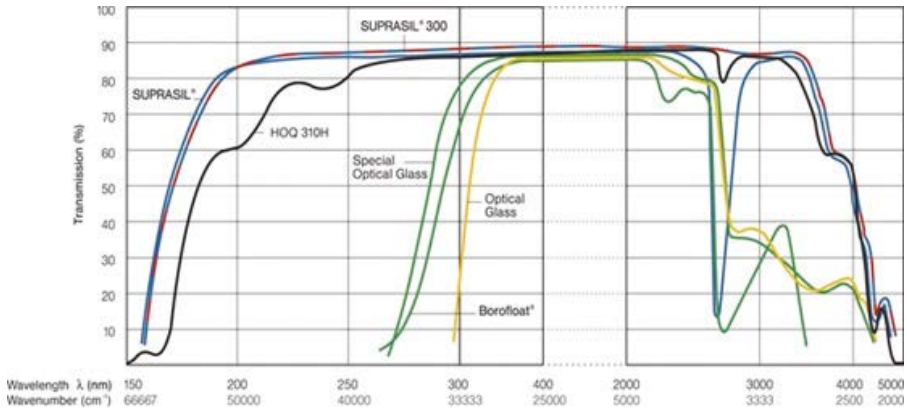
Cat.No	Description	Volume min. (µl)	Volume max. (µl)	Dim. (mm)	Units/ box	€/ box
933027	Macro cuvette	1000	4500	12.5 x 12.5 x 45	1000	**N/A -**
933028	Semi-micro cuvette	400	3000	12.5 x 12.5 x 45	1000	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hellma Cuvettes for absorption spectroscopy



- Cuvettes with 2 windows, with or without PTFE lid
- Macro, Semi Macro, Micro and Ultra micro cuvettes depending on volume
- Window materials to be selected according to wavelength: optical glass (OG), special optical glass (OS), quartz Suprasil® (QS), quartz Suprasil® 300 (QX)



Window materials and colour codes	Wavelength
Optical glass OG	360 nm – 2500 nm
Special optical glass OS	320 nm – 2500 nm
Quartz SUPRASIL® QS	200 nm – 2500 nm
Quartz SUPRASIL® 300 QX	200 nm – 3500 nm

						Glass		Quartz SUPRASIL® QS		Quartz SUPRASIL® 300 QX	
Hellma model	Optical path (mm)	Vol. (ml)	H x W x L ext. (mm)	W int. (mm)	Base/ bottom thickness (mm)	Cat.No	€ The cuvette	Cat.No	€ The cuvette	Cat.No	€ The cuvette
Standard cuvettes without lid											
6030	10	3.5	45 x 12.5 x 12.5	9.5	1.5	139065A	N/A -	139066A	N/A -	-	-
6030	20	7	45 x 12.5 x 22.5	9.5	1.5	-	-	-	-	-	-
6030	40	14	45 x 12.5 x 42.5	9.5	1.5	139063A	N/A -	-	-	-	-
High precision cuvettes with PTFE lid											
100	1	0.35	45 x 12.5 x 3.5	9.5	1.5	-	-	139072A	N/A -	139143	N/A -
100	2	0.7	45 x 12.5 x 4.5	9.5	1.5	-	-	139101A	N/A -	139110	N/A -
100	5	1.75	45 x 12.5 x 7.5	9.5	1.5	-	-	139148	N/A -	856264	N/A -
100	10	3.5	45 x 12.5 x 12.5	9.5	1.5	139000A	N/A -	139001A	N/A -	139141	N/A -
100	20	7	45 x 12.5 x 22.5	9.5	1.5	-	-	139144	N/A -	-	-
100	40	14	45 x 12.5 x 42.5	9.5	1.5	-	-	139146	N/A -	-	-
100	50	17.5	45 x 12.5 x 52.5	9.5	1.5	-	-	139108A	N/A -	856267	N/A -
100	100	35	45 x 12.5 x 102.5	9.5	1.5	-	-	139105	N/A -	856268	N/A -
High precision cuvettes with PTFE cap											
110	1	0.35	52 x 12.5 x 3.5	9.5	1.5	-	-	139079A	N/A -	856269	N/A -
110	2	0.7	52 x 12.5 x 4.5	9.5	1.5	-	-	139080A	N/A -	-	-
110	5	1.75	46 x 12.5 x 7.5	9.5	1.5	-	-	139166	N/A -	-	-
110	10	3.5	46 x 12.5 x 12.5	9.5	1.5	-	-	139016A	N/A -	139161	N/A -
110	20	7	46 x 12.5 x 22.5	9.5	1.5	-	-	139163	N/A -	-	-
110	50	17.5	46 x 12.5 x 52.5	9.5	1.5	-	-	-	-	-	-
Semi-micro cuvettes											
104	5	0.7	45 x 12.5 x 7.5	4	3.2	-	-	139151	N/A -	-	-
104	10	1.4	45 x 12.5 x 12.5	4	3.2	-	-	139004A	N/A -	-	-
104	50	7	45 x 12.5 x 52.5	4	3.2	139149	N/A -	139150	N/A -	-	-
104B	10	1.4	45 x 12.5 x 12.5	4	3.2		-	139010A	N/A -	-	-
108	10	1	45 x 12.5 x 12.5	4	9		-	139034A	N/A -	-	-
114	10	1.4	46 x 12.5 x 12.5	4	3.2	-	-	139018A	N/A -	-	-
114B	10	1.4	46 x 12.5 x 12.5	4	Black walls / 3.2	-	-	139020A	N/A -	-	-
Micro cuvettes											
104.002	10	0.7	45 x 12.5 x 12.5	2	3.2	-	-	139006A	N/A -	-	-
104002B	10	0.7	45 x 12.5 x 12.5	2	Black walls / 3.2	139007A	N/A -	139008A	N/A -	-	-
105	10	0.3	25 x 12.5 x 12.5	2	1.5	-	-	139011A	N/A -	-	-
108.002	10	0.5	45 x 12.5 x 12.5	2	9	-	-	139035A	N/A -	-	-
108002B	10	0.5	45 x 12.5 x 12.5	2	Black walls / 9	-	-	139061A	N/A -	-	-
115	10	0.4	40 x 12.5 x 12.5	2	1.25	-	-	139021A	N/A -	-	-
115B	10	0.4	40 x 12.5 x 12.5	2	Black walls / 1.25	-	-	139022A	N/A -	-	-


139073


139000A


139001A


139141


139015A


139016A


139161


139003A


139004A


139005A


139008A


139011A

Spacer for 1.2 and 5 mm cells

Cat. No.	Description	€
139076	9 mm spacer for 1 mm cell	N/A -
139077	8 mm spacer for 2 mm cell	N/A -
139078	5 mm spacer for 5 mm cell	N/A -

* Sold by 2, price for 2 cuvettes

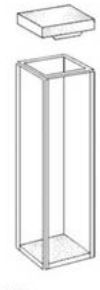

139018A

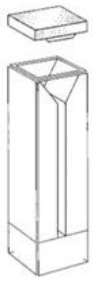

139020A

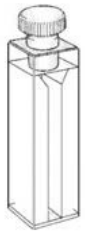

139035A


139021A

Hellma spectrophotometer cuvettes (continued)

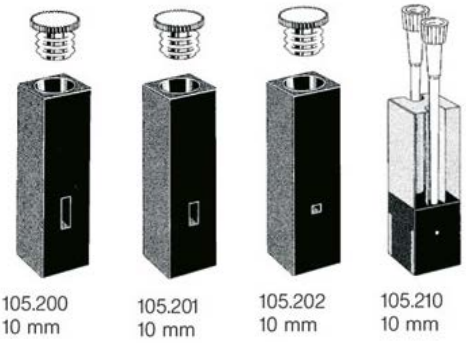






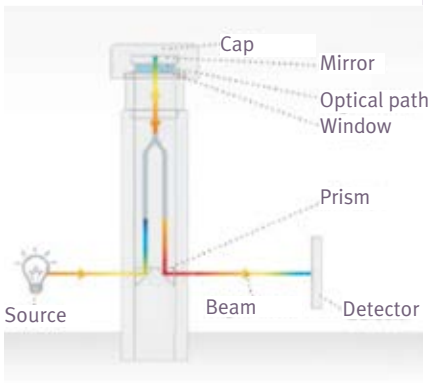
Model Hellma	Optical path	Volume (mL)	$H_{ext.}$ x $W_{ext.}$ x $W_{int.\ fenêtre}$ (mm)	Number of windows	Base/ bottom thickness (mm)	Quartz QS Cat.No	Quartz QS € The cuvette
High precision fluorescence cuvettes - Volume 1 to 3.5 ml - High precision QS quartz quality - External dimensions 45 x 12.5 x 12.5 mm. Models 101 and 104F: macro and semi-micro cuvettes with PTFE cap, 4 windows - Model 114F: semi-micro cuvettes with PTFE cap, 4 windows.							
101	10 x 10 mm	3.5	45 x 12.5 x 10	4	-	139024	N/A -
114F	10 x 4 mm	1.4	46 x 12.5 x 4	4	1.25	139030	N/A -
108.002F	10 x 2 mm	0.5	45 x 12.5 x 2	4	9	139032	N/A -

Model Hellma	Optical path	Sample volume/ Total volume (µl)	$H_{ext.}$ (mm)	Window (mm)	Z = 8.5 Cat.No	Z = 8.5 € The cuvette	Z = 15 Cat.No	Z = 15 € The cuvette
QS high precision ultra-micro cuvettes - High precision QS quartz quality - External dimensions 45 x 12.5 x 12.5 mm.								
105.200QS	10 mm	160 / 180	45	8 x 2	139038	N/A -	-	-
105.201QS	10 mm	100 / 120	45	5 x 2	139055	N/A -	139037	N/A -
105.202QS	10 mm	50 / 70	45	2.5 x 2	139041	N/A -	139036	N/A -
105.210QS10	10 mm	5 / 10	40	ø 8	139040	N/A -	139064	N/A -



Ultra micro TrayCell Cell





- **Compatible with Eppendorf biophotometers, Genova spectrophotometers and Jenway Series 67**
- **OD reading for micro volume of samples: 0.7 to 10 µl**
- **Nucleic acids (6 to 8.5 ng/µl dsDNA)**
- **Fluorescence**
- **Proteins (0.1 to 100 mg/ml)**
- **UV/visible reading from 190 to 1100 nm**
- **Excellent reproducibility**
- **Built-in optical fibre**
- **Delivered in a box with:**
  - 2 caps: optical path 1 mm and 0.2 mm;
  - 2 adapters: beam heights 15 mm and 20 mm;
  - screwdriver for positioning the adapters

Dim L x W x H (mm)	12.5 x 12.5 x 68.5
Window	Quartz suprasil
Beam height (mm)	8.5
Sealing	Epoxy glue
Max temperature (°C)	50
Cat. No.	**139071**
€	**N/A -**

Instructions for use:
1)Place the TrayCell in the cell holder
2) Place the sample on the window
3)Place the cap
4) Perform the reading
5)Clean the window and the cap: the trayCell is ready for a new reading!

Hellmanex cleaning solution

Helma cleaning solution for cleaning spectroscopy cuvettes. Use diluted to 10%.



Cat. No.	For photometers	€
139057	Hellmanex cleaning solution - 1 litre	**N/A -**

Disposable cuvettes for high precision spectrophotometers

High quality cuvettes for all spectrophotometers, in polystyrene or acrylic. Polystyrene (PS) allows 75% to 80% transmission of light energy from 780 nm to 380 nm, 70% at 340 nm.
Acrylic (AC) is UV transmissive and allows 50% of light energy to be transmitted up to 280 nm.

Cat.No	Material	Volume (ml)	Transp. walls	Skirt	Units/ Tray	Units/ box	€/ box
064005	PS	1	4	Yes	100	500	**N/A -**
064006	AC	1	4	Yes	100	500	**N/A -**
064007	PS	4	2	No	100	500	**N/A -**
064008	PS	4	4	No	100	500	**N/A -**
064009	AC	4	2	No	100	500	**N/A -**
064010	AC	4	4	No	100	500	**N/A -**



Accessory

Cat. No.	Description	Units/ box	€/ box
064011	Polyethylene cap for cell	500	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Brand spectrophotometer cuvettes



10 mm optical path. In PS or PMMA.
The 1000 cuvettes are delivered in 10 box of 100 cuvettes of the same mould number.

BRAND

Cat.No	Description	Material	Volume min. (ml)	Volume max. (ml)	Dimensions window (mm)	Wavelengths	€/ 10 x 100
090283	Macro cuvette	PS	2.5	4.5	10 x 35	Sup 340 nm	**N/A -**
090284	Semi-micro cuvette	PS	1.5	3	4.5 x 23	Sup 340 nm	**N/A -**
090286	Macro cuvette	PMMA	2.5	4.5	10 x 35	Sup 300 nm	**N/A -**
090287	Semi-micro cuvette	PMMA	1.5	3	4.5 x 23	Sup 300 nm	**N/A -**

UV visible cuvettes



Caps for Micro cuvettes

For the Micro models, coloured caps allow the cuvettes to be sealed and their contents to be preserved.

- **Designed for DNA and sDNA, RNA measurements at 260 and 280 nm**
- **Two different beam heights**
- **Sorted by mould number**
- **Two optical sides**
- **10 mm light path**

BRAND

Cat.No	Colour	Material	€ 100 units
090273	Blue	PE	**N/A -**
090274	Yellow	PE	**N/A -**
090280	Green	PE	**N/A -**
090281	Orange	PE	**N/A -**

UV visible cuvettes

Cat.No	Description	Height beam	Volume min.	Volume max.	Dimensions window (mm)	Wavelengths	Units/ box	€/ box
090266	UltraVette micro	8.5 mm	70 µl	850 µl	2 x 3.5	220 to 900 nm	100	**N/A -**
090267	UltraVette micro	8.5 mm	70 µl	850 µl	2 x 3.5	220 to 900 nm	500	**N/A -**
090268	UltraVette micro	15 mm	70 µl	550 µl	2 x 3.5	220 to 900 nm	100	**N/A -**
090269	UltraVette micro	15 mm	70 µl	550 µl	2 x 3.5	220 to 900 nm	500	**N/A -**
090271	UltraVette Semi-micro	-	1.5 ml	3 ml	4.5 x 23	220 to 900 nm	100	**N/A -**
090272	UltraVette Macro	-	2.5 ml	4.5 ml	10 x 35	220 to 900 nm	100	**N/A -**

Greiner Bio-One cuvettes

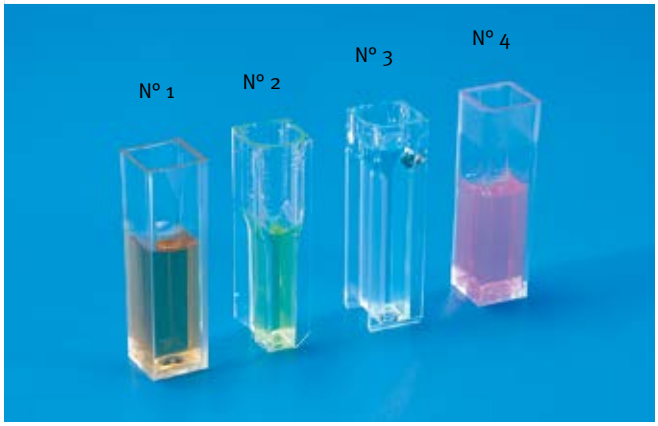


Greiner Bio-One disposable polystyrene cuvettes for all standard spectrophotometers. A polystyrene cap covers the box, which can be closed neatly.

- **High quality**
- **In boxes of 100**
- **Can be used from 340 to 800 nm**

	Microcuvette	Macrocuvette
Volume (ml)	2	4
Material	Polystyrene	Polystyrene
W x H ext. (mm)	12.3 x 45	12.5 x 45
Units/box	100	100
Cat. No.	**613101**	**614101**
€/ box	**N/A -**	**N/A -**

Single-use cuvettes for spectrophotometers



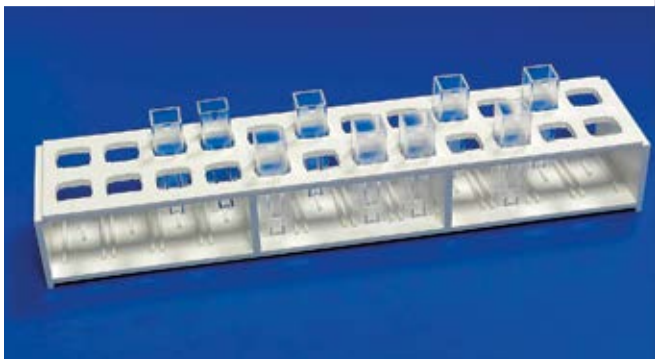
- **In polystyrene or PMMA**
- **Optical Polystyrene: usable from 340 to 800 nm**
- **PMMA: usable from 280 to 800 nm**
- **Optical path: 10 mm**
- **Adaptable cap for round opening (Cat.No. 080151)**

Capacity (ml)	1.5	2.5	4.5	4.5
Type	Semi-micro	Semi-micro	4 optical sides	Macro
Opening	Round	Round	Square	Square
Shape	Low	High	Standard	Standard
Photo no	3	2	1	4
Polystyrene cuvettes	**391095**	**391096**	**391001**	**391094**
€/ the box of 100	**N/A -**	**N/A -**	**N/A -**	**N/A -**
PMMA cuvettes	**391099**	**391098**	**391002**	**391097**
€/ the box of 100	**N/A -**	**N/A -**	**N/A -**	**N/A -**

ABS rack for 24 cuvettes

- **ABS Stacking rack**
- **L x W x H: 250 x 54 x 37 mm**
- **White with alphanumeric marking**

Cat. No.	Description	€
39186082	Rack for 24 cuvettes	**N/A -**



Racks for spectrophotometer cuvettes







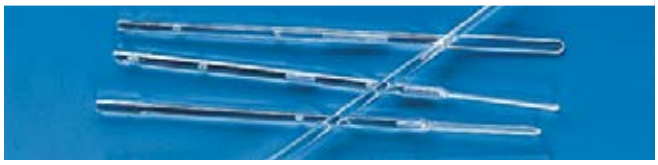
Autoclavable polypropylene racks for 12.5 x 12.5 mm cuvettes

Cat. No.	Description	L x W x H (mm)	€
045869	Rack with handle for 12 cuvettes	114 x 111 x 111	**N/A -**
045870	Graduated low rack for 20 cuvettes	209 x 70 x 35	**N/A -**
090282	Rack for 16 cuvettes	NC	**N/A -**

Stirring spatulas for cuvettes

- **In single-use polystyrene**
- **L x ø: 120 x 3 mm**

Cat. No.	Description	€ 500 units
091416B	Stirring spatula for cuvettes	**N/A -**



Standards for spectrophotometry

- **Available as a sealed cuvette or as a solution in a bottle**
- **NIST-connected certificate**

Bandwidth standard

Control of the ratio between the peak value at 268.7 nm and the trough value at 266.8 nm. Complies with the European Pharmacopoeia.

Cat.No	Description	€
440689	Sealed UV cuvettes, bandwidth standard and Blank	**N/A -**
440690	Bandwidth standard solution 100 ml	**N/A -**
440691	Blank solution for bandwidth calibration 100 ml	**N/A -**

Absorbance/transmission and linearity standard in UV (235, 257, 313 and 350 nm)

Control of absorbance measurement for different wavelengths in the UV (linearity of response). Complies with the European Pharmacopoeia.

Cat.No	Description	€
440692	Sealed UV cuvettes, absorbance standard (potassium dichromate 60 mg/l) and blank	**N/A -**
440693	Absorbance Standard solution (potassium dichromate 60 mg/l) 100 ml	**N/A -**
440694	Absorbance standard solution (0.005 M sulphuric acid) 100 ml	**N/A -**
440695	Sealed UV cuvettes, absorbance standard (potassium dichromate 600 mg/l) and blank	**N/A -**
440696	Absorbance Standard solution (potassium dichromate 600 mg/l) 100 ml	**N/A -**
440697	Absorbance standard solution (0.005M sulphuric acid) 100 ml	**N/A -**

Resolution standard for derivative spectrophotometry

Complies with the European Pharmacopoeia.

Cat.No	Description	€
440698	Sealed UV cuvettes, resolution standard and blank	**N/A -**
440699	Resolution standard solution	**N/A -**
440704	Blank solution (methanol) for resolution calibration	**N/A -**

Baseline standard

Stray light control.
Complies with the European Pharmacopoeia.

Cat.No	Description	€
440705	Sealed UV cuvettes, resolution standard and blank	**N/A -**
440706	Baseline standard solution	**N/A -**
440707	Blank solution (water) for baseline calibration	**N/A -**

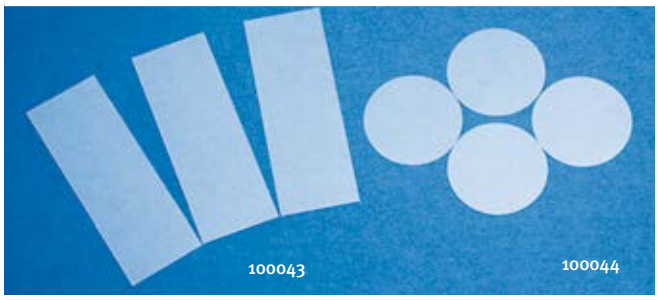
Wavelength standard from 240 to 640 nm (certified for bandwidths of 0.1 nm, 0.2 nm, 0.5 nm, 1 nm and 2 nm)

Controls the absence of wavelength shift. Complies with the European Pharmacopoeia.

Cat.No	Description	€
440708	Sealed UV cuvette, Wavelength Standard from 240 to 640 nm	**N/A -**
440709	Wavelength standard solution from 240 to 640 nm - 12 x 5 ml	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Glass Coverslips



Economic models - thickness N°1: 0.13 to 0.17 mm

Cat. No.	Dimensions (mm)	€ 1000 units	Cat. No.	Dimensions (mm)	€ 1000 units
100030N	18 x 18	N/A -	100037N	24 x 40	N/A -
100031N	20 x 20	N/A -	100038N	24 x 50	N/A -
100032N	22 x 22	N/A -	100039N	24 x 60	N/A -
100353N	22 x 26	N/A -	100045N	ø 10	N/A -
100034N	22 x 32	N/A -	100040N	ø 12	N/A -
100033N	24 x 24	N/A -	100354N	ø 15	N/A -
100035N	24 x 32	N/A -	-	-	-

Models in borosilicate glass - thickness N°1: 0.13 to 0.17 mm

- Colourless, very low iron content
- Refractive index suitable for microscopy

Cat. No.	Dimensions (mm)	€ 1000 units	Cat. No.	Dimensions (mm)	€ 1000 units
100030	18 x 18	N/A -	100049	25 x 40	N/A -
100031	20 x 20	N/A -	100268	25 x 50	N/A -
100032	22 x 22	N/A -	100269	25 x 60	N/A -
100265	22 x 30	N/A -	100047	25 x 70	N/A -
100034	22 x 32	N/A -	100045	ø 10	N/A -
100046	22 x 40	N/A -	100040	ø 12	N/A -
100266	22 x 50	N/A -	100048	ø 13	N/A -
100267	22 x 60	N/A -	100041	ø 14	N/A -
100033	24 x 24	N/A -	140540	ø 18	N/A -
100035	24 x 32	N/A -	140539	ø 20	N/A -
100036	24 x 36	N/A -	140541	ø 22	N/A -
100037	24 x 40	N/A -	140542	ø 24	N/A -
100038	24 x 50	N/A -	140499	ø 25	N/A -
100039	24 x 60	N/A -	100042	ø 28	N/A -
100043	24 x 67	N/A -	100044	ø 30	N/A -

Slides



Economy Slides- Standard, washed, ready-to-use Slides.

Edges	2-sided frosted surface	Cat. No.	€ the box of 50
Cut	No	068762	N/A -
Cut	Yes	068763	N/A -
Ground 90°	No	068764	N/A -
Ground 90°	Yes	068765	N/A -

- Glass slides, degreased, washed, polished, ready to use
- Dimensions: 26 x 76 mm
- Thickness: 1 mm
- In ordinary glass or extra white glass which improves transparency and microscope viewing
- Packed in boxes of 50
- ISO 8037/1 Certified

		Standard glass		Extra white glass	
Edges	Frosted area	Cat. No.	€ the box of 50	Cat. No.	€ the box of 50
Cut	No	100000	N/A -	100253	N/A -
Cut	Yes	100001	N/A -	100254	N/A -
Ground 90°	No	100002	N/A -	100255	N/A -
Ground 90°	Yes	100245	N/A -	100256	N/A -
Ground 45°	No	100246	N/A -	100257	N/A -
Ground 45°	Yes	100003	N/A -	100258	N/A -

Microscope slides, large packaging





- Particularly recommended for analysis of blood, urine, tissue samples and other biological fluids, in vitro diagnostics
- Dim.: 26 x 76 x 1-1.2 mm
- Thickness: 1.1 ± 0.1 mm

- Clear glass
- Standard quality: with paper between the different slides
- Silver quality: no paper between the slides

			Standard quality		Silver quality	
Edges	2-sided frosted surface	Colour	Cat.No	€ the box of 2500	Cat.No	€ the box of 2500
Cut	No	-	390998	N/A -	390997	N/A -
Cut	Yes	-	395000	N/A -	390999	N/A -
Ground 45°	No	-	395002	N/A -	395001	N/A -
Ground 45°	Yes	-	-	-	395003	N/A -
Ground 45°	Yes	Orange	-	-	395004	N/A -
Ground 45°	Yes	Light blue	-	-	395005	N/A -
Ground 45°	Yes	White	-	-	395006	N/A -
Ground 45°	Yes	Yellow	-	-	395007	N/A -
Ground 45°	Yes	Pink	-	-	395008	N/A -
Ground 45°	Yes	Green	-	-	395009	N/A -

Coverslips



- Particularly recommended for analysis of blood, urine, tissue samples and other biological fluids, in vitro diagnostics
- Thickness: 0.13 - 0.17 mm
- Clear glass

Cat. No.	Dimensions (mm)	Units/ box	€/ box
390989	18 x 18	2000	N/A -
390990	20 x 20	2000	N/A -
390991	22 x 22	2000	N/A -
390992	24 x 24	2000	N/A -
390993	24 x 32	1000	N/A -
390994	24 x 40	1000	N/A -
390995	24 x 50	1000	N/A -
390996	24 x 60	1000	N/A -

Sterile coverslips

- Flux: surface plastic film (188 µm thick), for high resolution confocal microscopy
- For cell adhesion
- Resistant

Cyto-toxin · DNase RNase · Human DNA · Pyro-genic



Cat. No.	Ø (mm)	For plate	Units/ box	€/ box
330169	9	48 wells	200	N/A -
330164	12	24 wells	200	N/A -
330165	18	12 wells	200	N/A -
330170	25	6 wells	200	N/A -

StarFrost glass slides

- High-definition object slides made of white hydrophilic glass
- High transparency for improved microscope viewing
- Coloured identification area for easy identification of the slide
- Dimensions: 26 x 76 mm, thickness: 1 mm
- Available with CE and IVD marking, please specify when ordering

Edge	White	Yellow	Blue	Pink	Green	Orange	€ the box of 50
Cut	100204	100204J	100204B	100204R	100204 V	100204O	N/A -
Ground 90°	100205	100205J	100205B	100205R	100205 V	100205O	N/A -
Ground 45°	100206	100206J	100206B	100206RS	100206 V	100206O	N/A -
Bevelled ground	100283	100284	100287	100285	100286	100288	N/A -



Cut edge · 45° ground edge · 90° ground edge · Ground edge bevelled

SuperFrost glass slides

- Soda-lime glass
- Dimensions: 26 x 76 mm, thickness: 1 mm

Edge	White	Yellow	Blue	Pink	Green	€ the box of 50
Cut	100204M	100204MJ	100204MB	100204MR	100204 MV	N/A -
Ground 90°	100205M	-	-	-	-	N/A -
Ground 45°	100206M	100206MJ	100206BM	100206MR	100206 MV	N/A -

Superfrost Plus specific treatment slides, Polysine

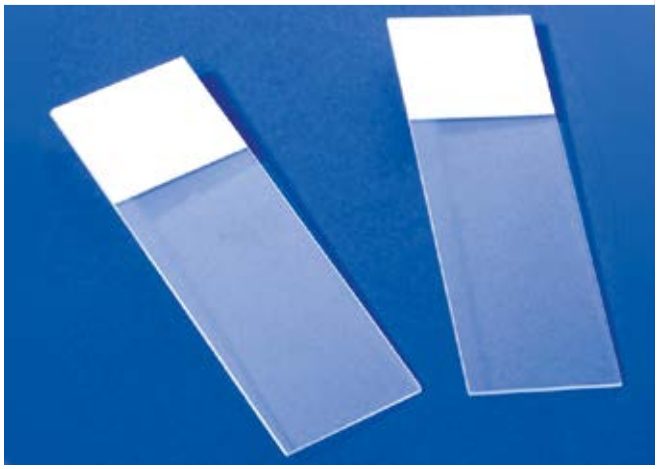
SuperFrost Plus Gold slide

Slide for in situ hybridization, immunocytochemistry, special stains. Special super-adhesion: A special manufacturing technology gives these slides an adhesion that allows tissue fixation without spray or fixative. Instructions for use: leave the slide at room temperature for one minute before applying the tissue, as the fixing power increases with time. Compatible with toluidine blue, hematoxylin, eosin.

- Tissues are covalently fixed
- L x W (mm): 75 x 25 mm

ESCO SuperFrost Plus slide

- Super-attachment by positive charge
- Guaranteed dust and grease-free
- Adhesion of frozen samples and cytological preparations to the slide
- No spray, no fixative required
- No dye residues
- L x W (mm): 75 x 25 mm
- Marking surface



ESCO Polysine Microscopy Slide

Special for Molecular biology. Due to its electrostatic properties, the polysin slide has an optimal adhesion to all tissues and cells. Inert to chemicals, heating and enzymatic pre-digestion. Nuclease-free, ideal for DNA hybridisation.

Cat. No.	Description	Units/ box	€/ box
045795	Superfrost slide Plus Gold	72	N/A -
045796	Superfrost slide Plus ESCO	72	N/A -
045797	ESCO Polysine Microscopy Slide	72	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

LAB Solute microscope slides



- Soda-lime glass, washed, defatted
- Double wrapped with cellophane film
- CE certified, in accordance with 98/79 EG (IVD)
- Dimensions 76 x 26 mm, thickness 1 mm
- Frosted area in 7 colour choices

Edges	Frosted area	Transparent	€ the box of 50	White	Blue	Pink	Yellow	Green	€ the box of 50
Cut	No	452305	N/A -	-	-	-	-	-	-
Cut	Yes	452306	N/A -	452309	452310	452311	452312	452313	N/A -
Ground 45°	Yes	-	-	452316	-	-	452319	452320	N/A -
Ground 45°	No	452308	N/A -	-	-	-	-	-	-
Ground 90°	Yes	452307	N/A -	-	-	-	-	-	-

LAB Solute Adhesive microscope slides



- Soda-lime glass, washed, defatted
- Double wrapped with cellophane film
- CE certified, in accordance with 98/79 EG (IVD)
- Dimensions 76 x 26 mm, thickness 1 mm
- White frosted area
- Positively charged or silanised
- Super adhesion, no fixative required

Cat. No.	Type	Edges	Area	€ the box of 72
452323	Positive charge (+)	Ground 90°	Frosted white	N/A -
452325	Silanized	Ground 90°	Frosted white	N/A -

StarFrost adhesive glass slides



- Dimensions: 76 x 26 mm, thickness: 1 mm
- Available with CE and IVD marking, please specify when ordering

StarFrost Adhesive slides

- White glass slides, adhesion-enhanced silane surface
- This surface treatment allows polarised covalent bonds to be formed on the slide

Edge	White	Yellow	Blue	Pink	Green	Orange	€ the box of 50
Cut	100204A	100289	100292	100290	100291	100293	N/A -
Ground 90°	100301	100302	100305	100303	100304	100306	N/A -
Ground 45°	100294	100295	100298	100296	100297	100299	N/A -
Bevelled ground	100313	100314	100317	100315	100316	100318	N/A -

Polycat adhesive StarFrost slides

- White glass slides with Poly-L-Lysine surface treatment, suitable for cellular adhesion applications
- Enhanced and secure tissue adhesion, superior to hydrophilic and silanised surfaces
- Less sensitive to chemicals, enzyme inhibition or heat (' 65 °C), ideal for immunocytochemical and molecular hybridization tests, cell preparation, paraffin-embedded tissue

Edge	White	Yellow	Blue	Pink	Green	Orange	€ the box of 50
Cut	100319	100320	100323	100321	100322	100324	N/A -
Ground 90°	100331	100332	100335	100333	100334	100336	N/A -
Ground 45°	100325	100326	100329	100327	100328	100330	N/A -
Bevelled ground	100343	100344	100347	100345	100346	100348	N/A -

Positively charged microscope slides



162612

- High transparency glass
- Frosted area at one end
- Positive charge to improve adhesion of cells, tissues and all types of samples
- Dimensions: 25 x 75 mm
- Thickness: 1.1 mm

Cat. No.	Ground edges	Units/ box	€/ box
162610	90 °	72	N/A -
162611	45 °	72	N/A -

Accessory

Cat. No.	Description	€
162612	Dispenser for 72 slides 25 x 75 mm	N/A -

Histobond and Histobond+ slides with adhesive surface

- In white glass or standard glass (only standard for Histobond+ slides)
- Slide with adherent surface, silanised surface
- 90° ground edges
- Dimensions: 75 x 25 x 1 mm
- 20 mm frosted strip:
  - on both surfaces for Histobond slides
  - in colour on one side for Histobond+ slides





Histobond slides

Cat. No.	Glass type	Units/ box	€/ box
140659	White	50	N/A -
140660	White	100	N/A -
140679	Standard	50	N/A -
140680	Standard	100	N/A -

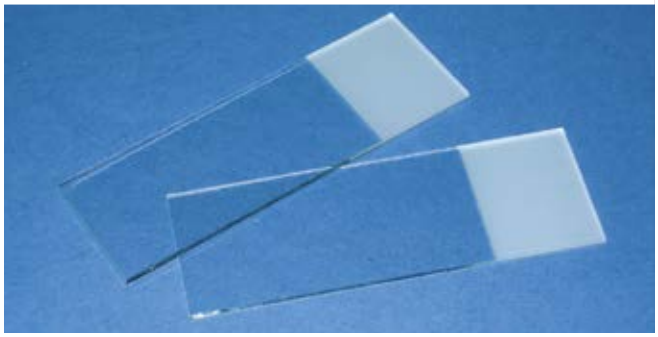
Histobond+ slides

White	Yellow	Green	Blue	Pink	Orange	Units/ box	€/ box
140681	140682	140683	140684	140685	140686	100	N/A -

GHÄASEL glass slides

- Water-repellent surface treatment for optimum spreading of the drop on the slide
- Indispensable in human biology
- ISO 8037
- 76 x 26 mm, thickness: 1.1 mm, 90° corners

Cat. No.	Edge type	2-sided frosted surface	Units/ box	€/ box
069262	Untreated	Yes	50	N/A -
069263	Untreated	No	50	N/A -
069264	Ground	No	50	N/A -
069265	Ground	Yes	50	N/A -



Glass slides and coverslip for large cuts

Cat. No.	Description	Dim. (mm)	Thickness (mm)	Pack unit.	Units/ box	€/ box
100120	Coverslip	50 x 65	0.13 to 0.17	100	1000	N/A -
100008	Slide	76 x 50	1	50	100	N/A -



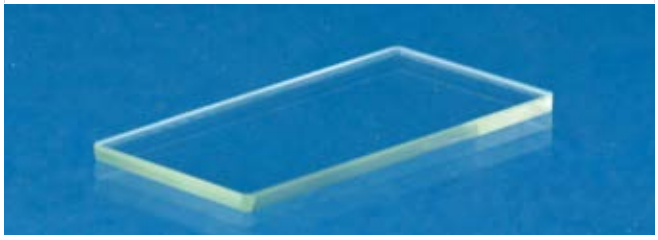
Glass spreader slide



- For spreading the sample on the slide

Cat. No.	Dimensions (mm)	Thickness (mm)	Units/ box	€/ box
069271	50 x 20	1	50	N/A -

Blood spreader slides



- Dimensions: 20 x 40 x 1.6 mm
- 2 polished sides, ground bevelled edges

Cat. No.	Description	€
065215	UNDRITZ Blood Spreader Slide	N/A -

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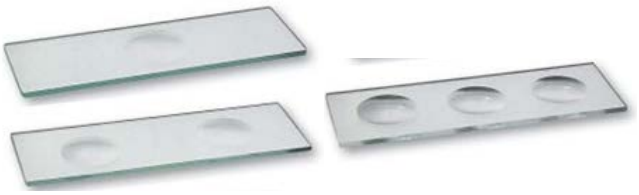
Glass slides for cell examination



- 2 concavities
- Dimensions: 1.2 x 26 x 76 mm

Cat. No.	ø (mm)	Thickness (mm)	Number of concavities	Units/ box	€/ box
810674	15	1.2	2	50	N/A -

Glass cell slides



Glass slides in microscope slide format 76 x 26 mm.
With cells for binocular observation of biological samples in their environment.

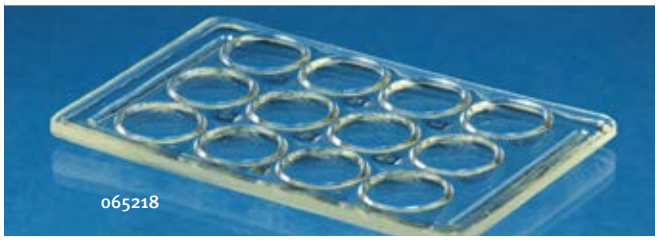
Cat. No.	Number cells	Ø cell (mm)	Units/ box	€/ box
020300B	1	14	50	N/A -
020301B	2	14	50	N/A -
020302B	3	15	50	N/A -

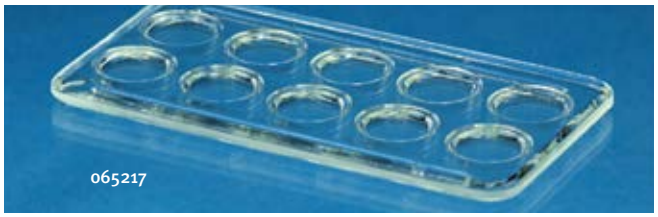
76 x 26 mm slides with cavities



Cat. No.	Number of cavities	Thickness (mm)	L x W (mm)	€
065227	1	1.5	76 x 26	N/A -
065228	2	1.5	76 x 26	N/A -
065229	3	1.5	76 x 26	N/A -
065230	1	3-4	76 x 26	N/A -

Glass cavity plates





Cat. No.	Number of cavities	ø cav. (mm)	Depth. cav. (mm)	L x W x H (mm)	€
065217*	10	-	-	105 x 55 x 5	N/A -
065218	12	-	-	89 x 57 x 4	N/A -
065219**	12	20	-	109 x 90 x 7	N/A -
065221***	12	16	1.8	76 x 60 x 5	N/A -
065222	24	16	1.6	140 x 85 x 3	N/A -

* Börner type slide** Porcelain plate *** Polished cavities



See photos of all models on www.dulis.nl

Aspirette



- Vacuum suction apparatus
- For moving and positioning flat objects up to 70 g
- On 230 V battery
- Supplied with: 1 power socket, 1 charger, 3 suction nozzles and 3 tips of 3.2 mm, 6 mm and 10 mm diameter

Cat. No.	Description	€
502146	Aspirette	N/A -

PEN VAC Vacuum pen



- Set of 2 vacuum pens
- For moving and positioning flat objects up to 70 g
- Aluminium body
- Supplied with: 6 tips (3 straight and 3 curved) and conductive silicone suction cups in diameters of 3.18 mm, 6.35 mm and 0.53 mm (2 each)

Cat. No.	Description	€ 2 units
848300	PEN VAC Vacuum pen	N/A -

Hydrophobic markers with coloured lines



- Hydrophobic markers, quick drying
- Suitable for frozen and paraffin surfaces
- Detergent resistant (Tween 20, Triton X100)

Red	Orange	Green	Blue	Yellow	Violet	€
594000	594001	594002	594003	594004	594005	N/A -

Hydrophobic markers for immunostaining



- To draw a hydrophobic circle around a sample
- Insoluble in alcohol and acetone, can only be removed with xylene

Cat. No.	Description	Tip thickness (mm)	€
490000	PAP Immunostaining Pen Marker fine	2	N/A -
490001	PAP Immunostaining Pen Marker, thick	5	N/A -

Diamond tip markers

Diamond-tipped slide engraving marker.

- Length: 155 mm
- Designed for writing on microscope slides
- Plastic or wooden body

Cat.No	Description	€
046100	Diamond tip pen with plastic body	N/A -
140603	Diamond tip pen with wooden body	N/A -
046105	Refill for pen	N/A -



Marker II Superfrost Laboratory Markers for Histology

- For histology and cytology
- Permanent ink resistant to solvents such as xylene, alcohol, acetone, formalin
- Red
- Not resistant to chloroform

Cat.No	Colour	€
686009	Red	N/A -



Electric engraver

- For marking tubes, racks
- For writing on glass, wood, plastic, metal, stone, bone
- Without cord
- Requires two AA batteries (not included)
- Additional engraving point
- Length 17.8 cm
- Stand sold separately
- Dimensions W x H: 8.9 x 8.6 cm

Cat.No	Description	€
088748	Battery operated electric engraver	N/A -
088749	Vertical support	N/A -



Retractable tip engraver

Engraving pen with retractable tungsten carbide tip, suitable for glass, ceramics and plastic.

Cat.No	Description	€
045884	Retractable tip engraver	N/A -



Labels for microscope slides



Adhesive labels in assorted colours for microscope slides.

- High solvent and temperature resistance (-70 °C to +100 °C)
- L x W: 22 x 22 mm
- Presented on sheets of 96 printer labels

Orange	Blue	Green	Red	White	Yellow	Assorted	€ box of 2400
053156	053154	053155	053157	053006	053158	053159	N/A -

Glass plates for haematology



Cat. No.	Description	€
049286	Solid glass plate 20 x 10 cm	N/A -
049440	Solid glass plate 20 x 20 cm	N/A -
049241	Solid glass plate 10 x 10 cm	N/A -
049263	Solid glass plate 16 x 14 cm	N/A -

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Suction cup for slide and coverslip



- Suitable for slides and coverslips
- Non-scratch
- Avoids air bubbles in the mounting medium
- Robust

Cat. No.	Description	€
900515	Suction cup for slide and coverslip	N/A -

Super glue for inclusion



- 3-tube pack
- Capacity of one tube: 1 g
- Ultra-fast: 10 seconds

Cat. No.	Description	€
999227	Superglue-3 liquid glue tubes 1 g - set of 3	N/A -

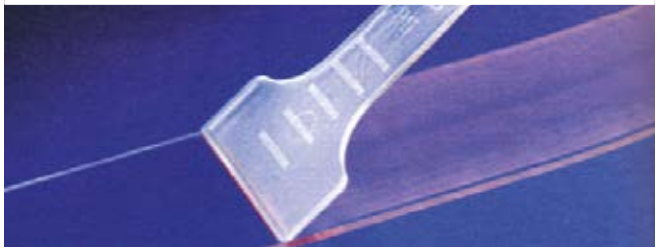
EUKITT®Inclusion Balm



- Quick-hardening
- Solidification in 20 min.

Cat. No.	Description	€
045798	Inclusion Balm - 100 ml bottle	N/A -
045799	Inclusion Balm - 250 ml bottle	N/A -

Spatula for microscope slides



- Spatula for spreading samples on slides
- Smooth application without streaking
- Two sides: one with a right angle, the other with cut corners
- In translucent polystyrene

Cat. No.	Description	Units/ box	€/ box
050125	Flex-Strips spatula for slides	50	N/A -

EUKITT®microscopy mounting resins

EUKITT® Classic



- Solidification in 20 min.
- Good long-term preservation of samples
- No autofluorescence under UV light
- Ideal viscosity for coverslippers
- Refractive index n[20 °C]: 1.49
- Viscosity: 500 - 750 mPa.s

Cat. No.	Description	€
124103	EUKITT® Classic - 100 ml bottle	N/A -
124104	EUKITT® Classic - 250 ml bottle	N/A -
124105	EUKITT® Classic - 500 ml bottle	N/A -

EUKITT® neo

- Solidification in 20 min.
- Xylene-free formulation
- No autofluorescence under UV light
- Does not modify the structure or colour of the material under study
- Refractive index n[20 °C]: 1.48
- Viscosity: 250 - 450 mPa.s

Cat. No.	Description	€
124100	EUKITT® neo - 100 ml bottle	N/A -
124101	EUKITT® neo - 250 ml bottle	N/A -
124102	EUKITT® neo - 500 ml bottle	N/A -

EUKITT® UV

- Dry in 30 seconds under UV light
- Compatible with all types of tissues
- Neutral and colourless
- Contains no solvents or organic molecules
- Allows twice the number of samples to be processed with the same volume
- Refractive index n[20 °C]: 1.48
- Viscosity: 350 - 550 mPa.s

Cat. No.	Description	€
124106	EUKITT® UV - 100 ml bottle	N/A -

Cellpath OCT cryostat medium

- Support for tissue sections in the cryostat
- Freezes quickly, prevents the formation of crystals that can damage tissue
- Easy to use thanks to the dropper bottle
- Liquid level remaining easily observable
- Temperature range: -20 to -30 °C



Cat. No.	Description	€
050226	OCT Cellpath 125 ml	N/A -

Citramount mounting medium

- Butyl acetate-acrylic mounting medium
- Developed specifically for direct mounting of coverslips on d-limonene or xylene treated samples
- Solidification in less than 24 hours
- Do not use with automated coverslippers
- Refractive index: 1.484
- Viscosity: 90 mPa.s



Cat. No.	Description	€
494336	Citramount - 100 ml dropper bottle	N/A -
494337	Citramount - 500 ml bottle	N/A -

Poly/Mount mounting medium

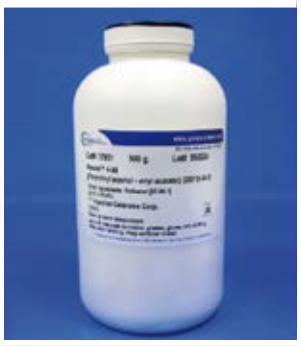
- Water-insoluble, toluene-based mounting medium miscible with xylene or toluene
- Preserves the majority of organic dyes
- Ideal viscosity, prevents bubbles from forming and allows optimum adhesion of the coverslip
- Suitable for long-term storage of histological sections (no yellowing of the mounting medium)
- Refractive index: 1.484
- Viscosity: 192 mPa.s



Cat. No.	Description	€
494342	Poly/Mount - 120 ml dropper bottle	N/A -
494343	Poly/Mount - 940 ml bottle	N/A -

Mowiol 4-88 powder for the preparation of mounting media

- Mounting medium for glycerine addition immunofluorescence
- Compatible with molecular biology applications
- Preserves the colour of samples (by addition of p-phenylenediamine)
- Refractive index identical to that of immersion oil
- Solidification in 12 hours



Cat. No.	Description	€
494338	Mowiol 4-88 500 g	N/A -
494339	Mowiol 4-88 1 kg	N/A -

Aqua-Poly/Mount mounting medium

- Water-soluble, non-fluorescent mounting medium
- Ideal for direct mounting of coverslips on samples in aqueous media
- Compatible with fluorescent dyes and samples, as well as frozen samples
- Solidification in 24-48 hours at 20-50% relative humidity
- Compatible with automated coverslippers
- Refractive index: 1.454 - 1.460
- Viscosity: 390 mPa.s



Cat. No.	Description	€
494333	Aqua-Poly/Mount - 20 ml bottle	N/A -
494334	Aqua-Poly/Mount - 100 ml bottle	N/A -
494335	Aqua-Poly/Mount - 5 x 20 ml bottles	N/A -

Polyglass mounting medium

- Toluene-based mounting medium, replaces the use of coverslips
- Ideal for samples of irregular thickness, causing air bubbles to form under the coverslip
- Scratch resistant
- Does not change the colour of the samples
- Refractive index: 1.48
- Viscosity: 149 mPa.s



Cat. No.	Description	€
494340	Polyglass - 120 ml dropper bottle	N/A -
494341	Polyglass - 6 x 120 ml dropper bottles	N/A -

Polyfreeze tissue embedding and freezing medium

- Freezes quickly, ideal for cryostat tissue cutting
- Supports up to 3 µm cut thickness
- Cutting temperature range: -8 to -25 °C
- For fast freezing of specimen included in Polyfreeze, it is recommended to use with isopentane and liquid nitrogen or dry ice
- Recommendation for storage of the included samples: -80 °C airtight boxes or liquid nitrogen canisters
- Polyfreeze Colored media makes differentiating multiple specimens easy



Cat. No.	Description	€
494328	Polyfreeze 120 ml - clear	N/A -
494329	Polyfreeze 120 ml - green	N/A -
494330	Polyfreeze 120 ml - yellow	N/A -
494331	Polyfreeze 120 ml - red	N/A -
494332	Polyfreeze 120 ml - blue	N/A -

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Staining tray for 10 or 20 slides



- For routine staining of samples that require a humid environment
- For immunohistochemistry, haematology, cytology and microbiology
- Stackable, With four rubber feet
- The black ABS base can hold up to 20 slides positioned on the non-slip rails
- The base acts as a reservoir for the excess liquid or as a humidifier

Two lids:
- a transparent PETG lid for viewing the samples, usable from -20 °C to 60 °C;
- a black lid for fluorescence incubations. Made of ABS, usable from -80 °C to + 80 °C.

Trays for 10 slides - L x D x H (mm): 240 x 240 x 45

Cat. No.	Description	€
040200	Staining tray for 10 slides with clear lid	N/A -
040201	Staining tray for 10 slides with black lid	N/A -
040202	Clear lid alone	N/A -
040203	Black lid alone	N/A -

Trays for 20 slides - W x D x H (mm): 380 x 240 x 45

Cat. No.	Description	€
040204	Staining tray for 20 slides with clear lid	N/A -
040205	Staining tray for 20 slides with black lid	N/A -
040206	Clear lid alone	N/A -
040207	Black lid alone	N/A -

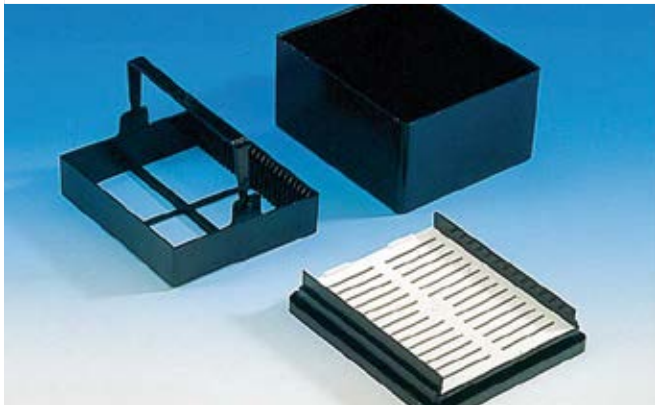
Staining tray for 8 slides



- Tray for 8 slides
- Made of mixed polypropylene and polyethylene
- With liquid collection bottom of 38 ml volume
- Compact size: 305 x 127 x 29.50 mm
- Lid with integrated grip handle and black tray for light-sensitive products
- Supplied in packs of 4 with a lid

Cat. No.	Description	€ 4 units
047672	Single-use staining tray (all 4 + 1 lid)	N/A -

Black dye trays for light-sensitive products



- Staining trays in three parts:
  - staining tray
  - slide holder for 25 slides
  - waterproof lid
- In POM
- Folding handle on the slide-holder

Cat. No.	Description	€ 5 units
781342B	Black POM slide holder	N/A -
781343B	Staining tray only	N/A -

Glass staining tanks



Soda-lime glass containers. Consists of a cuvette, a basket and stirrup (each part to be ordered separately).

For 20 slides 76 x 26 mm back to back.

Cat. No.	Description	L x W x H (mm)	€
068506	Tank with lid	105 x 85 x 75	N/A -
068507	Basket (without handle)	90 x 70 x 60	N/A -
068508	Handle (steel wire)	-	N/A -

Coplin staining jar



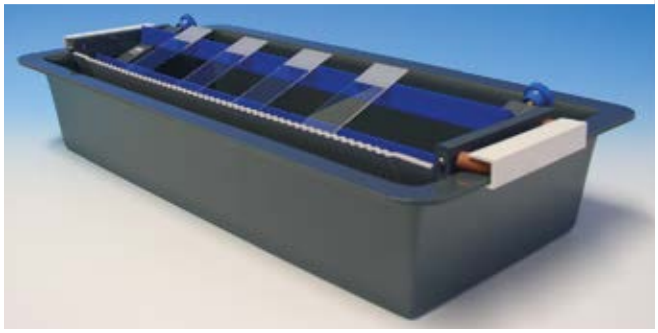
Soda-lime glass jars with lid, Coplin type.
Capacity: 5 slides 76 x 26 mm or 10 slides back to back.

Cat. No.	Ø x H (mm)	Units/ box	€/ box
068512	73 x 105	1	N/A -
4904355	90 x 115	1	N/A -
4904354	90 x 115	10	N/A -

Extendable tilt rack for 10 slides

Plexiglas rack, capacity 10 slides. PVC cuvette.

Cat. No.	Description	€
065208	Staining tray and rack 380 x 170 x 80 mm (complete set)	N/A -
065210	Staining tray 380 x 170 x 80 mm alone	N/A -
065232	Extendable tilt rack for 10 slides only	N/A -



Columbia staining jars

- Staining jar for 4 slides up to 22 mm width
- In soda-lime glass
- Teflon coated polyethylene screw cap
- For coverslips coating with e.g. Poly-D-Lysine or coverslip pre-cleaning



Cat. No.	Description	Units/ box	€/ box
048813	Columbia staining jar	1	N/A -
048814	Columbia staining jar	6	N/A -

Coplin jars

- Made of polypropylene
- Autoclavable with unscrewed lid
- For 10 slides back to back
- ø x H: 59 x 114 mm



Cat. No.	Description	€
085101	Coplin jar	N/A -

50 slide staining jars

- For 50 slides of sizes 75 x 25 mm or 75 x 38 mm or 75 x 51 mm
- L x W x H ext. / int.: 200 x 105 x 83 mm / 185 x 88 x 68 mm
- Stainless steel rack resistant to most staining solutions
- Permanent removable handle for closing the jar and easy addition/ removal of slides

Cat. No.	Description	€
048903	Complete staining jar	N/A -
048904	Jar only	N/A -
048905	Lid only	N/A -
048906	Jar and lid	N/A -
048907	Rack only	N/A -



Coplin staining jar with screw lid



- Jar for 10 slides 75 x 25 mm
- Top opening for handling without forceps
- Polypropylene screw-on lid reduces evaporation
- Rectangular base, internal dimensions 26 x 26 x 70 mm
- Contains approximately 55 ml

Cat. No.	Description	Units/ box	€/ box
048909	Staining jar with white PP lid	1	N/A -
048910	Replacement lid	6	N/A -
048911	Staining jar with white PP lid*	1	N/A -

* Int. dimensions (L x W x H): 26 x 26 x 90 mm

Cleaning rack for coverslips





- For 10 coverslips from 18.22 to 25 mm
- In polypropylene, Autoclavable
- Good chemical and thermal resistance
- Dimensions (L x W x H): 39 x 30 x 25 mm

Cat. No.	Description	€
053492	Cleaning rack for 10 coverslips	N/A -

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Glass jar with glass or stainless steel rack



- Accepted slide sizes: 75 x 25 mm / 75 x 38 mm / 75 x 51 mm
- Int. dimensions (L x W x H): 118 x 88 x 70 mm
- Glass rack with handle for 16 slides, 31 diagonally or 32 back to back
- Stainless steel rack with permanent removable handle for 30 slides

Cat. No.	Description	€
048810	Glass jar with lid	N/A -
048827	Glass rack with handle	N/A -
048899	Stainless steel rack with handle	N/A -

Staining jars for slides







Jars

- Made of acetal polymer
- Resistant to alcohol and xylene but not to phenol
- For 80 ml of reagent
- Can be used from - 170 °C to 121 °C, autoclavable
- Dimensions: 64 x 76 x 92 mm

Colour	Blue	Green	Pink	White	Yellow	€/ 6 units
Cat. No.	040677	040678	040679	040680	040681	N/A -

Staining rack

- Holds up to 12 microscope slides
- Ideal for microwave procedures (up to 120 °C)
- L x W x H: 60 x 64 x 97 mm
- To be used in Easy Dip staining jars

Cat. No.	Description	Units/ box	€/ box
040676	Staining rack for 12 slides	6	N/A -
040676A	Staining rack for 12 slides	1	N/A -

Jars + rack kits

Cat. No.	Description	€
040682	Kit of 5 jars + 1 staining rack	N/A -
930602	Kit of 6 jars + 1 staining rack + 1 aluminium rack	N/A -

Accessory

Cat. No.	Description	€
040863	Aluminium rack	N/A -

Borel jar



Soda-lime glass Borel cylinder with lid.

- ø x H: 40 x 80 mm
- Capacity: 3 slides 76 x 26 mm

Cat.No	Description	€/ the box of 10
068513	Borel cylinder	N/A -

Porcelain staining jar



Staining jar with porcelain lid.

- For 10 slides 76 x 26 mm
- L x W x H: 70 x 40 x 86 mm

Cat. No.	Description	€
068514	Porcelain staining jar	N/A -

Hellendahl staining jar



- In PMP (TPX)
- For 8 slides in vertical position or 16 slides back to back
- L x W x H: 58 x 54 x 86 mm
- Xylene causes chemical attack of plastic after two days of permanent exposure at room temperature

Cat. No.	Description	€
391059	Helledahl staining jar	N/A -

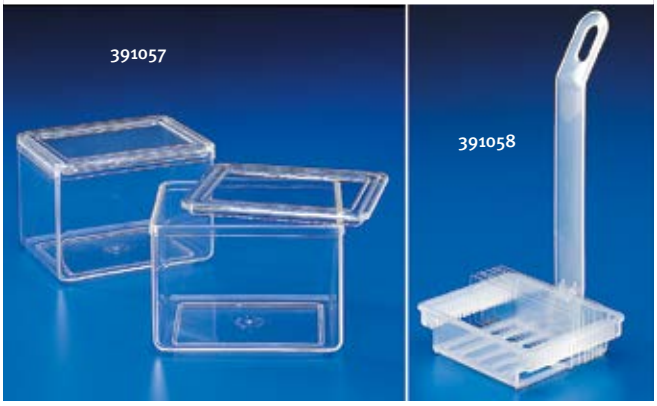
Schifferdecker staining jar



- In PMP (TPX)
- For 10 slides in vertical position or 20 slides back to back
- L x W x H: 85 x 70 x 50 mm
- Xylene causes chemical attack of plastic after two days of permanent exposure at room temperature

Cat. No.	Description	€
391060	Schifferdecker staining jar	N/A -

Staining jar with two lids



- In PMP (TPX)
- Can be used with or without a polypropylene rack for 20 slides
- Easily opened lid for easy use of the rack during the staining process

Cat. No.	Description	L x W x H (mm)	€
391057	Staining jars	81 x 101 x 70	N/A -
391058	Rack 20 slides	Including stem height: 167 L x W: 70 x 86 (jar: 81 x 101)	N/A -

Vertical staining jar

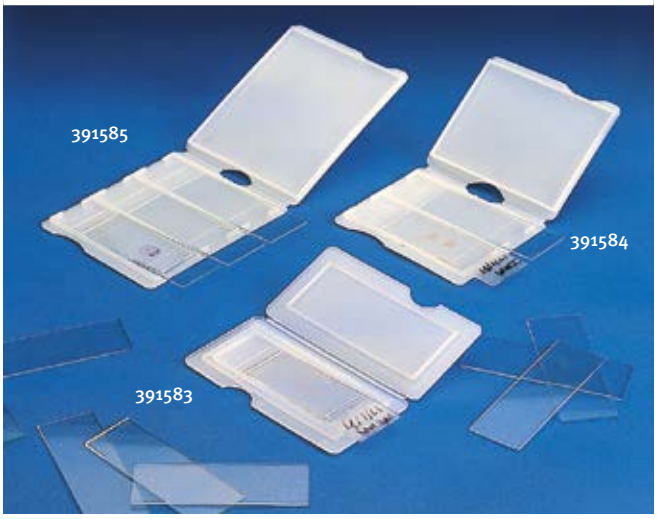


2 models:
- vertical rectangular jar;
- vertical oval jar (Joly jar).

- Glass
- Autoclavable
- With lid

Cat. No.	Model	Dimensions (mm)	€
065213	Rectangular	L x W x H = 40 x 20 x 85 mm	N/A -
065214	Oval	ø x H = 40 x 85 mm	N/A -

Shipping tray for slides



- Made of polyethylene
- For shipping 76 x 26 mm slides
- Each slide has its own compartment with a guide rail to avoid damaging the preparations

Cat. No.	Dimensions L x W x H (mm)	Number of spaces	Units/ box	€/ box
391583	98.8 x 50.6 x 6.4	1	10	N/A -
391584	70 x 84 x 6	2	10	N/A -
391585	84 x 97 x 6	3	10	N/A -

Unimailer Shipping tray for one slide



Ingenious plastic tray for shipping a 76 x 26 mm microscope slide.

- Made up of a single side without a lid, the tray is closed using another tray
- Marking surface
- Guaranteed closure and locking by a clip system
- A hole allows it to be sealed with a tamper-proof tie
- Allows the transport and shipment of an unlimited number of slides by simply overlapping and clipping the trays together
- L x W x H: 89 x 29 x 6 mm

Colour	Blue	Green	Pink	White	Yellow	Units/ box	€/ box
Cat. No.	039746	039747	039748	039749	039750	50	N/A -

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TECHNISCHE GEGEVENS
Alle info met 1 klik
VOORRAAD
op dit moment

Lockmailer Transport jars for microscope slides

- **Polypropylene tube, HDPE cap, Skirted**
- **For 4 slides**
- **With screw cap and tamper evident tab**
- **Low internal fluid volume (12 ml)**
- **Dimensions ø x H: 35 x 87 mm**
- **Complemented by coloured polypropylene inserts, to be fitted into the cap for easy identification**



Cat. No.	Description	€ 500 units
040684	Lockmailer Transport jar for 4 slides	N/A -

Capinserts for Lockmailer

	Mixed	Blue	Green	Purple	Red	Yellow	White	Grey	Pink	Violet	Orange
Cat. No.	039365	039371	039372	039374	039377	039380	039379	039373	039376	039378	039375
€/ 500 units	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Shipping mailer for 5 slides

Polypropylene containers hold 5 standard slides 76 x 26 mm with hinged lid and lock. 2 versions: side opening (horizontal mailer) or end opening (vertical mailer).



Cat. No.	Description	Units/ box	€/ box
037530	Horizontal mailer 5 slides	25	N/A -
037531	Vertical mailer 5 slides	25	N/A -
037767	Vertical mailer - assorted colours (5 mailer of each colour): red, yellow, blue, purple and orange	25	N/A -

Plastic shipping trays

Trays for 1 or 2 slides 76 x 26 mm with lockable lid. Assorted colours: red, yellow, blue, purple and orange.



Cat. No.	Number of slides	Colour	Units/ box	€/ box
037525	2	Natural	25	N/A -
037529	2	Assorted	25	N/A -
320650	1	Natural	50	N/A -

Boxes for 100 microscope slides

- **ABS and polypropylene for 100 microscope slides 26 x 75 mm**
- **L x W x H ext.: 20.7 x 19.5 x 3.2 cm**
- **5 colours to choose from for easy identification and filing**
- **With digital marking in the centre and identification sheet on the inside of the replaceable box (see accessory)**
- **Side storage for small objects (pen, dissecting tools)**
- **Sliding lock on the side**



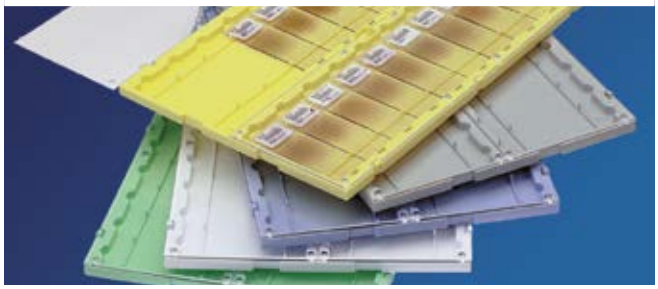
Cat. No.	Colour	€
320625	Blue	N/A -
320626	Orange	N/A -
320627	Green	N/A -
320628	Red	N/A -
320629	Violet	N/A -
320630	Assortment of 5 colours	N/A -

Accessory

Cat. No.	Description	Units/ box	€/ box
320631	Replacement inventory card	10	N/A -

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Plastic storage binder for 20 slides

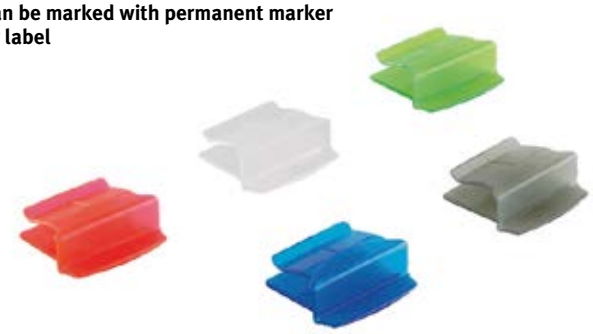


- For 20 slides 26 x 76 mm
- Numbered tray and double transparent plastic flap for viewing and identifying slides without opening
- Choice of 5 colours
- Easy grip design of the slides
- L x H x D.: 192 x 292 x 11 mm

Colour	Blue	Green	Grey	Yellow	White	Mixed	€ 10 units
Cat. No.	039740	039741	039742	039744	039904	039745	N/A -

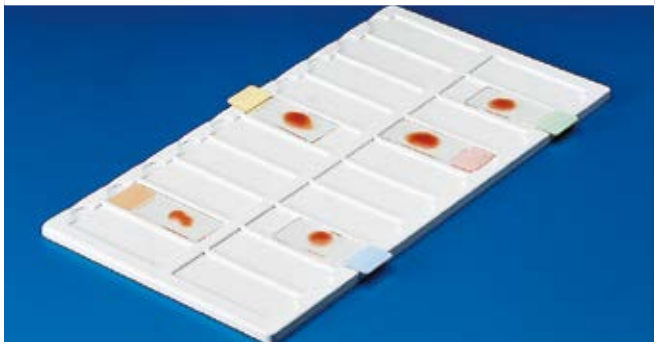
Holding clamps

- Assorted colours, ideal for identification
- Holds slide trays closed
- Can be marked with permanent marker or label



Cat. No.	Colour	Dimensions L x W x H (mm)	Units/ box	€/ box
320652	Assorted (transparent, grey, blue, green, red)	5.6 x 4.4 x 1.6	100	N/A -
320653	Transparent	5.6 x 4.4 x 1.6	100	N/A -

Slide holder tray



- Made of white PVC, for easy viewing of cuts
- For 76 x 26 mm standard slides, histology slides, pathology slides

Cat. No.	Capacity	Dimensions (mm)	Packaging	€
391055	20	190 x 340 x 8	10 units	N/A -
391056	40	190 x 660 x 8	5 units	N/A -

Cardboard trays for 20 or 30 slides



- For standard slides 75 x 25 mm
- White bottom with coloured bound (black, blue, green, red or yellow)

Cat. No.	Number of slides	Colour	W x D x H (mm)	€
037515	20	Black	208 x 341 x 9	N/A -
037995	20	Blue	208 x 341 x 9	N/A -
037996	20	Green	208 x 341 x 9	N/A -
320149	20	Red	208 x 341 x 9	N/A -
320150	20	Yellow	208 x 341 x 9	N/A -
037498	30	Black	281 x 328 x 10	N/A -

Cardboard trays for microscope slides



- Made of thick cardboard, with folding cardboard lid
- For storage or shipping of 76 x 26 mm microscope slides
- For 1 to 20 slides

Cat. No.	For	€
065200	1 slide	N/A -
065201	2 slides	N/A -
065202	3 slides	N/A -
065203	5 slides	N/A -
049803	6 slides	N/A -
065204	10 slides	N/A -
065205	20 slides	N/A -
049801	20 slides (tray without folding cover)	N/A -

Microscope slide dispenser

For neatly storing and distributing microscope slides one after the other.



- **ABS and PS dispenser**
- **Separate exit of the slides by rotating the side rollers**
- **Capacity: 50 slides 26 x 76 mm**
- **L x W x H: 100 x 120 x 140 mm**

Cat. No.	Description	€
085100	Slide dispenser	N/A -

Slide holder for 5 to 10 slides



- **In ABS**
- **Screw neck**
- **ø x H: 40 x 90 mm**
- **Possibility of tamper-proof closure of the case**
- **For shipping or storage of 5 to 10 slides**

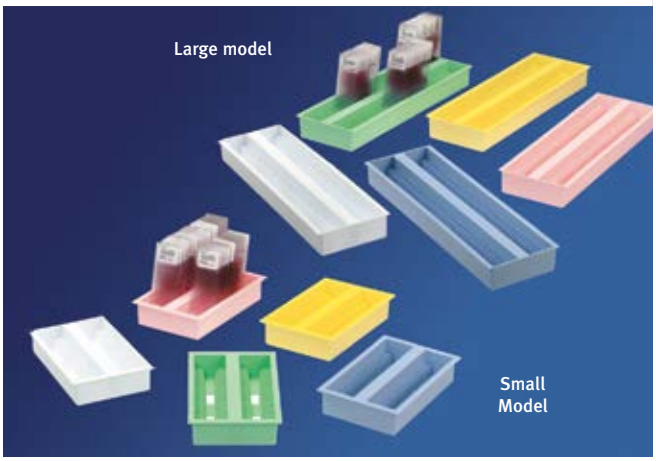
Cat. No.	Description	€ 10 units
391054	Slide holder for 5 to 10 slides	N/A -

Drying racks

Racks made of high-strength polystyrene for storing or drying vertically placed microscope slides.
L x W x H large model: 75 x 213 x 25 mm.
L x W x H small model: 75 x 125 x 25 mm.

- **Easy to read slides**
- **Bar code reading capability**
- **Storage of one or two slides per groove**

Colour	Slides capacity	Blue	Green	Pink	White	Yellow	€ 10 units
Large model	10 to 200	039730	039731	039732	039733	039734	N/A -
Small model	50 to 100	039735	039736	039737	039738	039739	N/A -



Supports for 15, 40 or 78 slides

- **For drying standard slides (75 x 25 mm)**
- **Made of chemical-resistant polyethylene**

Cat. No.	Dimensions (mm)	Number of slides	€
037777	153 x 102 x 21	15	N/A -
037778	298 x 105 x 24	40	N/A -
037779	299 x 178 x 21	78	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

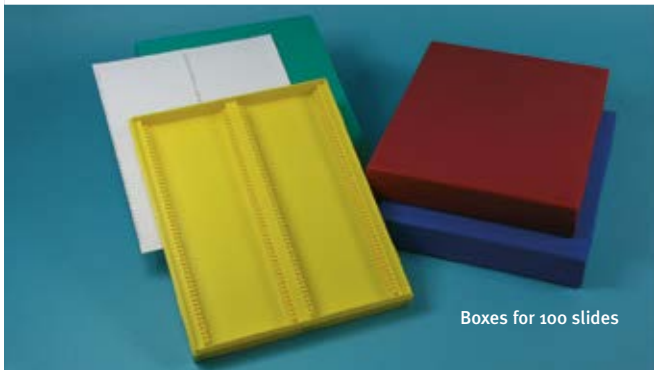
Histology chambers



- Polystyrene, designed to preserve internal humidity
- Stackable
- For 10 slides
- Ideal for immunology applications
- L x W x H ext.: 20.6 x 16 x 3 cm / L x W chamber: 7.8 x 2.8 cm
- Compartments separated by a 1.2 cm gap, closed when the lid is closed
- Slides placed on 4 blocks to protect them from water and facilitate their removal from the chamber

Cat. No.	Description	Units/ box	€/ box
064108	Histology chamber, light colour	3	N/A -
064109	Histology chamber, black	3	N/A -

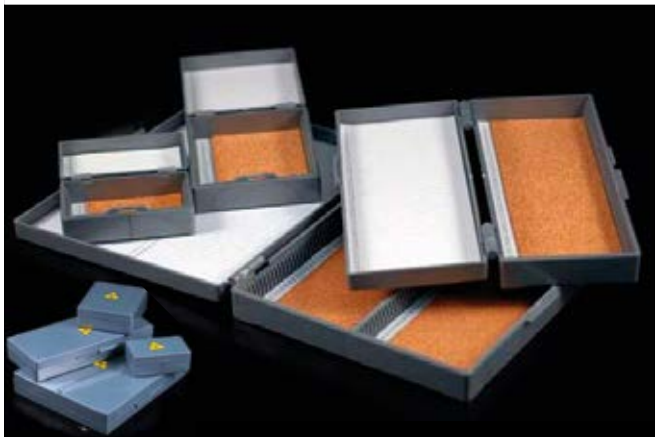
Slip lid boxes for microscope slides


Boxes for 100 slides

- Hingeless boxes with slip lid
- For 25, 50 or 100 slides of 76 x 26 mm
- Made of non-autoclavable polystyrene
- With index card
- Numbered slots

Capacity	25 slides	50 slides	100 slides
Dimensions (mm)	96 x 122 x 35	100 x 230 x 35	185 x 230 x 35
Blue	139529	139533	139537
Green	139530	139534	139538
Red	139531	139535	139539
Yellow	139532	139536	139540
€	N/A -	N/A -	N/A -

ABS boxes for microscope slides



- For storage and transport of 26 x 76 mm microscope slides
- Made of ABS, more impact resistant than polypropylene or polystyrene
- Can be used from - 10 °C to + 50 °C
- Biohazard marking on the lid
- Hinged lid and secure clip closure
- Numerical index

Cat. No.	Capacity	Ext. dimension W x D x H (mm)	€
390855	12 slides	50 x 80 x 30	N/A -
390856B	25 slides	95 x 80 x 30	N/A -
390857	50 slides	80 x 200 x 30	N/A -
390858	100 slides	160 x 200 x 30	N/A -

Hinged lid boxes for microscope slides



Polystyrene boxes for the storage of 76 x 26 mm slides. The box for 100 slides has a clip closure and a hinged lid.
3 models
- For 25 slides: 135 x 90 x 32 mm
- For 50 slides: 211 x 85 x 35 mm
- For 100 slides: 220 x 170 x 33 mm

- Cork bottom
- 6 colours to choose from for easy identification and filing
- Index sheet under the lid

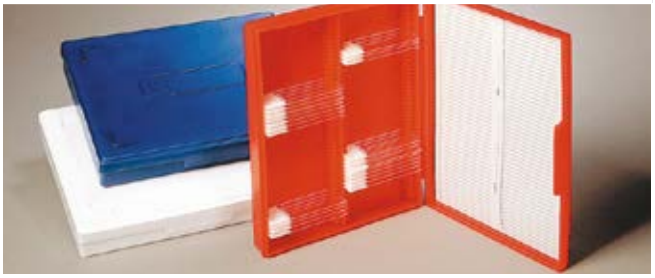
Colour	Box for 25 slides	Box for 50 slides	Box for 100 slides
Blue	037510	037507	037501
Green	037511	-	037502
Red	037512	037508	037503
Yellow	-	-	037504
White	037514	037509	037505
Grey	-	-	037506
Black	-	-	047684
€/unit	N/A -	N/A -	N/A -
Mixed	-	-	010196*/010197**
€/ 5 units	-	-	N/A - / N/A -

* foam bottom ** cork bottom

Economic boxes for microscope slides

Polypropylene boxes for 25 or 100 microscope slides with hinged lid and lock.

Colour	Box for 25 slides	Box for 100 slides
Blue	037516	037519
Red	037517	037520
White	037518	037521
€	N/A -	N/A -



Storage shelves for 15 boxes of slides

- To store 15 boxes of slides
- Transparent acrylic

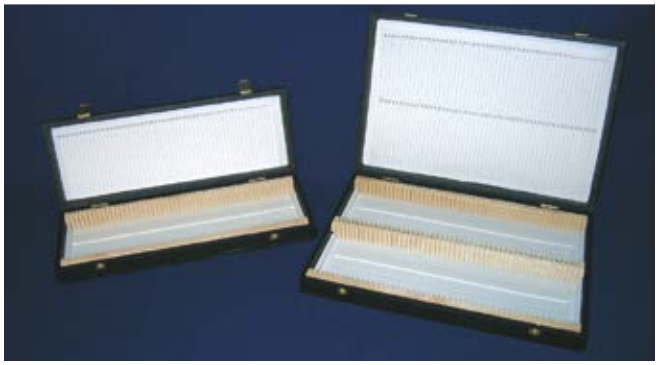
Cat. No.	Description	€
037624	Shelf 15 boxes with 50-100 slides	N/A -



Wooden boxes for microscope slides

Beautifully finished wooden boxes for the storage of 26 x 76 mm microscope slides. Maximum slide height: 30 mm.

	Box for 50 slides	Box for 100 slides
L x W x H (mm)	275 x 100 x 40	274 x 185 x 40
Cat. No.	049807	049809
€	N/A -	N/A -



Boxes for 25 microscope slides

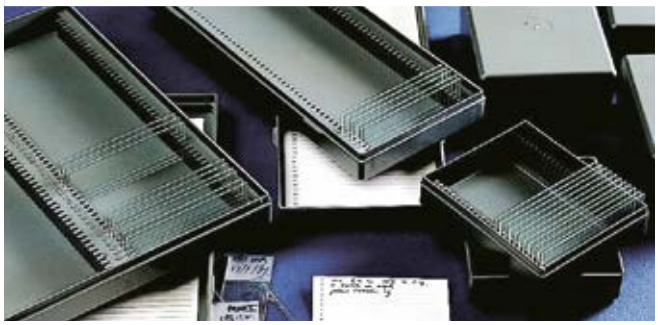
- Polystyrene boxes, not autoclavable
- For 25 slides
- With hinged and fully removable lid
- Freezable down to -80 °C

Colour	Box for 25 slides	Colour	Box for 25 slides
White	049714	Violet	049719
Blue	049715	Orange	049720
Green	049716	Turquoise	049721
Red	049717	Black	049722
Yellow	049718	-	-
€	N/A -	€	N/A -



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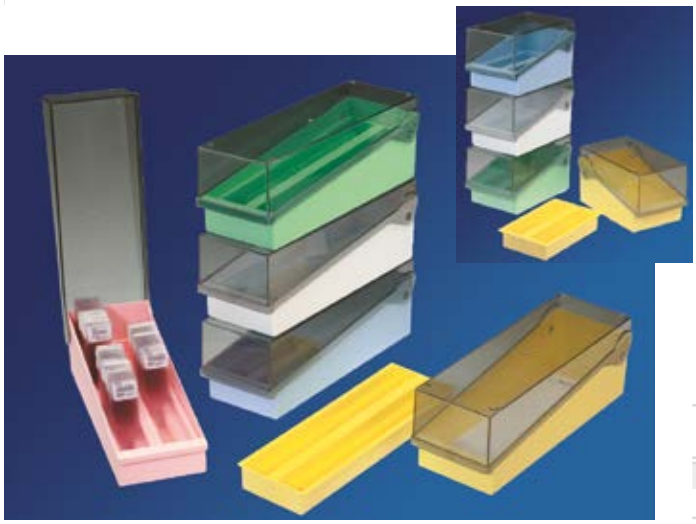
Storage boxes for microscope slides with slip lid



- Made of high impact polystyrene, highly resistant to impact
- With numbered slots
- Stackable
- Good clearance for easy slide handling
- Fully detachable lid

Cat. No.	Number of spaces	Dimensions (mm)	Height (mm)	€
391209	25	98 x 83	38	N/A -
391210	50	230 x 97	35	N/A -
391211	100	230 x 180	35	N/A -

Storage boxes with lid for slides



Storage boxes for up to 400 microscope slides.
L x W x H large model: 82 x 245 x 86 mm.
L x W x H small model: 82 x 140 x 86 mm.

- Translucent hinged lid
- Contains a storage tray for 100 slides or 200 slides back to back (large model) or 50 slides or 100 slides back to back (small model)
- Choice of 5 colours
- The inner rack can be removed
- Without its internal rack, the box can contain 400 slides (large model) or 200 slides (small model) on 3 rows
- Slides arranged vertically for reading through the lid
- Possibility to read a barcode without removing the slides from the rack

Colour	Slides capacity	Blue	Green	Pink	White	Yellow	€
Large model	100 or 400	039720	039721	039722	039723	039724	N/A -
Small model	50 or 200	039725	039726	039727	039728	039729	N/A -

Slide boxes for freezing to -80 °C



- In polycarbonate
- Stainless steel hinged lid or slip lid
- Temperature-resistant foam slide holders
- With digital marking
- Stackable
- For 75 x 25 mm slides
- Autoclavable

Cat. No.	Slides capacity	Lid	L x D x H (mm):	Colour	€
037994	100	Hinged	208 x 175 x 34	Violet	N/A -
320528	25	Slip	141 x 88 x 35	Blue	N/A -

Tall box for 100 slides 76 x 50 mm



- For 76 x 50 mm slides
- Cork bottom box with digital marking
- For 100 slides
- Blue
- Dimensions: 208 x 175 x 60 mm

Cat. No.	Description	€
037983	ABS storage box for 100 slides 76 x 50	N/A -

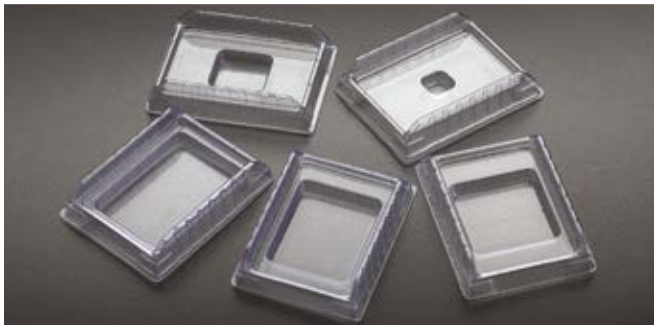
Stainless steel moulds



Cat. No.	L x W x H (mm)	Units/ box	€/ box
040728	7 x 7 x 5	12	N/A -
040729	15 x 15 x 5	12	N/A -
040730	24 x 24 x5	12	N/A -
040731	30 x 24 x 5	12	N/A -
040732	37 x 24 x 5	12	N/A -

Disposable moulds with base

- PVC, smooth interior surface
- For inclusion
- For use with cassettes or inclusion rings
- Can be used from -80 °C to +60 °C



Cat. No.	Dimensions (mm)	Units/ box	€/ box
040664	7 x 7 x 5	500	N/A -
039910	15 x 15 x 5	1000	N/A -
039950	24 x 24 x 5	1000	N/A -
040262	30 x 24 x 5	1000	N/A -
040665	37 x 24 x 5	500	N/A -

Peel-A-Way® Disposable Moulds

- Made of polyethylene
- Can be used for inclusions in paraffin, epoxy and acrylic resins
- Clean and easy to remove from the mould

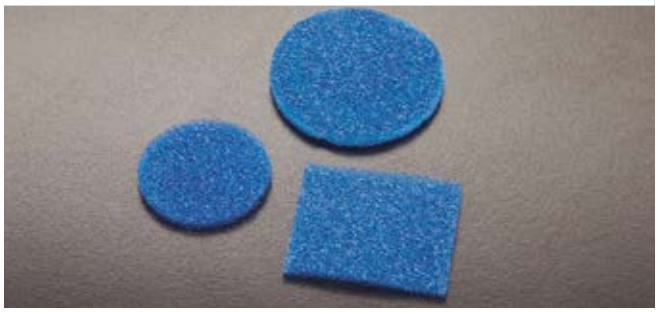


Cat.No	Model	Shape	Dimensions L x W (mm)	Depth (mm)	Units/ box	€/ box
494300	S22	Square	22 x 22	20	288	N/A -
494301	R30	Rectangular	22 x 30	20	288	N/A -
494302	R40	Rectangular	22 x 40	20	264	N/A -
494304	T8	Truncated	From 22 x 22 to 8 x 8	20	288	N/A -
494305	T12	Truncated	From 22 x 22 to 12 x 12	20	288	N/A -
494303	Assortment	Square / rectangular / truncated	-	20	48*	N/A -

*contains 16 S22 moulds, 8 R30 moulds, 8 R40 moulds, 8 T8 moulds and 8 T12 moulds

Biopsy foam

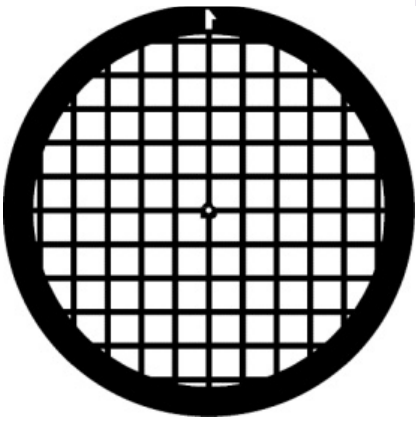
Biopsy samples are inserted between two foam inserts and placed in tissue capsules with metal or plastic lids.
Made of 30 PPI polyester urethane cellular foam



Cat. No.	Use with	Dimensions (mm)	Units/ box	€/ box
040666	Cassettes	30.2 x 25.4 x 2	1000	N/A -
040667	Small Capsules	25.4 x 2	1000	N/A -
040668	Large Capsules	34.55 x 2	1000	N/A -

Metal grids for electron microscopy

- Grids for sample deposit
- In copper, copper/lead, nickel or gold
- Grid diameter: 3.05 mm
- Square mesh (other geometries available on request)



Grid model			G50	G75	G100	G150	G175	G200	G250	G300	G400
Ø wire (µm)			80	55	45	40	37	35	30	25	25
Ø opening (µm)			420	285	205	125	108	90	70	58	37
Material	Copper 100 / vial	Cat.No	796000	796001	796002	796003	796004	796005	796006	796007	796008
		€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
	Copper / lead 100 / vial	Cat.No	796009	796010	796011	796012	796013	796014	796015	796016	796017
		€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
	Nickel 100 / vial	Cat.No	796018	796019	796020	796021	796022	796023	796024	796025	796026
		€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
	Gold 50 / vial	Cat.No	796027	796028	796029	796030	796031	796032	796033	796034	796035
		€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Accessories

Cat. No.	Description	€
796036	Storage box for 50 grids	N/A -
796037	Storage box for 100 grids	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Histosette 1, 2 & Unisette inclusion cassettes







Histosette 1

- Made of acetal polymer
- The anterior writing area is inclined at 45°
- Lid attached to the bottom of the box
- Flow slots maximise circulation, liquid exchange and ensure efficient drainage
- Biopsy models have square openings of 1 mm square

Histosette 2

- Made of acetal polymer
- Models M 492 and M 493: with safety lock lid, mounted on the cassette
- Models M 486 and M 485: lids and cassettes supplied separately (sold per 1000, two dispenser boxes of 500 cassettes and one dispenser box of 1000 lids)

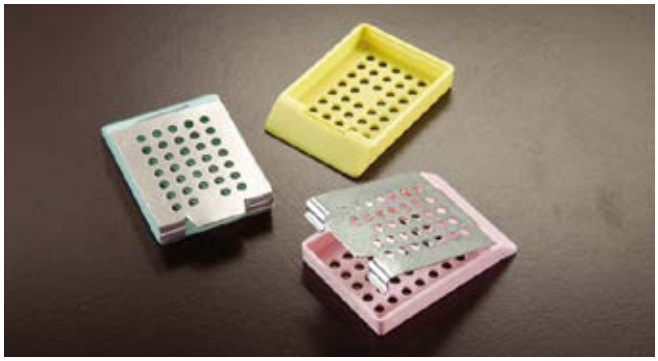
Unisette

- Made of acetal polymer
- The lid can be easily removed and the hinges hold it securely in place
- The anterior writing area has a 45° angle
- The lid lift tab is located sideways instead of centrally
- Available in 11 non-cytotoxic, non-metallic colours and 3 fluorescent colours

Colour	Histosette 1 Standard M498	Histosette 1 Biopsy M499	Histosette 2 Standard M492	Histosette 2 Biopsy M493	Histosette 2 Standard M485	Histosette 2 Biopsy M486	Unisette Standard	Unisette Biopsy
White	040503	040517	039751	039762	039773	039784	040537	040551
Pink	040504	040518	039752	039763	039774	039785	040538	040552
Green	040505	040519	039753	039764	039775	039786	040539	040553
Yellow	040506	040520	039754	039765	039776	039787	040540	040554
Blue	040507	040521	039755	039766	039777	039788	040541	040555
Peach	040508	040522	039756	039767	039778	039789	040542	040556
Beige	040509	040523	039757	039768	039779	039790	040543	040557
Grey	040510	040524	039758	039769	039780	039791	040544	040558
Purple	040511	040525	039759	039770	039781	039792	040545	040559
Orange	040512	040526	039760	039771	039782	039793	040546	040560
Water green	040513	040527	039761	039772	039783	039794	040547	040561
Units/box	500	500	500	500	1000	1000	500	500
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Inclusion cassettes without lids





Tissue sample cassettes for processing, inclusion and sectioning procedures.

- Of acetal polymer (except 040277 of polypropylene)
- Sloping surface for sample identification in all inclusion stages

Natural	White	Pink	Green	Yellow	Blue	€ 500 units
040277	040278	040279	040280	040281	040282	N/A -

Peach	Beige	Grey	Purple	Orange	Water green	€ 500 units
040283	040284	040285	040286	040287	040288	N/A -

Accessory

Reusable metal lid.

Cat. No.	Description	Units/ box	€/ box
040289	Metal lid for cassette	25	N/A -

Macrosette cassette



These disposable plastic cassettes are designed to be used with larger tissue specimens.

- **Made of acetal polymer**
- **12 mm high**

Cat. No.	Description	Units/ box	€/ box
040663	White macroset	250	N/A -

Capsules for tissues



Capsules for tissue samples.

- **Lids with frosted writing surface for sample identification**
- **Made of polypropylene**

Cat. No.	ø (mm)	Height (mm)	Units/ box	€/ box
040270	28	5	1000	N/A -
040271	38	10	1000	N/A -

Inclusion Rings

For gripping and identifying paraffin blocks.

- **In polystyrene**
- **With marking surfaces for identification**
- **To be used with disposable embedding moulds (add a little paraffin in the ring to consolidate the whole)**

White	Pink	Green	Yellow	Blue	€ 250 units
040272	040273	040274	040275	040276	N/A -



Biosigma inclusion cassettes

- **With or without lid**
- **Made of P.O.M. (polyoxymethylene)**
- **With detachable lid**
- **Blue histology sponge size 3 x 2.5 cm available as accessory**

Model	Inclusion cassette	Biopsy cassette
White	390561	390567
Yellow	390562	390568
Pink	390563	390569
Green	390564	390570
Orange	390565	390571
Light blue	390566	390572
€/ 2000 units	N/A -	N/A -
Without lid	390573	-
€/ 2000 units	N/A -	-



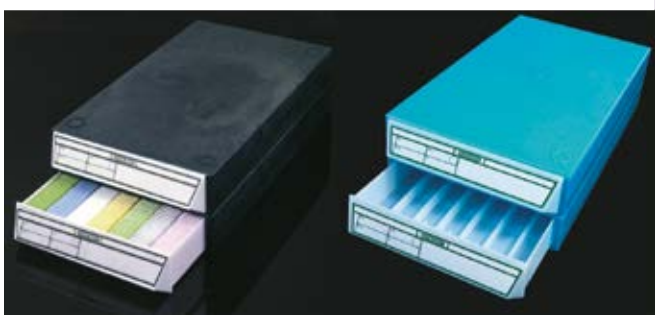
Accessory

Cat. No.	Description	€
390574	Histology sponge, blue, 3 x 2.5 cm	N/A -

Histology cassette drawers

- **Storage drawers for histology cassettes**
- **for 400 casettes**
- **Made of high impact polystyrene (HIP)**
- **Stackable**
- **Two colours**

Cat. No.	Description	Units/ box	€/ box
064113	Marbled green drawers with labels	2	N/A -
064114	Blue drawers with labels	2	N/A -



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CytoSep™ Cytology Funnels

Single funnels







For SHANDON CYTOSEP cytology centrifuges.

- **Used to deposit a thin layer of cells in a clearly defined area of a microscope slide**
- **Filter paper specially adapted to cytosept, allows the absorption of any excess liquid**
- **Funnels are supplied with a cap to protect the samples**
- **For 0.5 ml samples, use single CytoSep™ with white filter paper and cap; 6 mm (28 mm²) deposit - can be used with metal clips 930779**
- **For samples up to 0.4 ml such as spinal fluid, the simple CytoSep™ with brown filter paper and cap should be used to allow slower absorption of the fluid**
- **All components are available individually**

Cat.No	Description	Pack. unit	Units/ box	€/ box
930515	Single funnel with white filter and cap	50	500	**N/A -**
930663	Single funnel with white filter and cap, individually packed	100	500	**N/A -**
930774	Single funnel with brown filter and cap	50	500	**N/A -**
930775	Single funnel only	-	500	**N/A -**
930776	Cap only	50	500	**N/A -**
930596	White filter paper	-	200	**N/A -**
930784	Brown filter paper	-	200	**N/A -**

Double funnels





For 2 samples simultaneously on one slide.

- **Ideal for immunohistochemistry**
- **For samples up to 0.5 ml; 6 mm deposit (28 mm²)**
- **The filter is pre-attached**
- **Delivered with cap**
- **Can be used with metal clips 930779**
- **All components are available individually**

Cat.No	Description	Pack. unit	Units/ box	€/ box
930664	Double funnel with white filter and cap	50	500	**N/A -**
930665	Double funnel with white filter and cap, individually packed	100	500	**N/A -**
930777	Double funnel only	-	500	**N/A -**
930776	Cap only	50	500	**N/A -**
930778	White filter paper	-	200	**N/A -**

Metal clip for CytoSep™

Keeps the slide close to the CytoSep™ during centrifugation in the CytoSpin™

- **Autoclavable**

Cat.No	Description	Units/ box	€/ box
930779	Metal clip	6	**N/A -**



CytoSep™ Single or double funnels made entirely of plastic







- **Single use**
- **Reduce the risk of exposure to pathogens and cross-contamination**
- **Do not require the use of metal clips**
- **For 0.5 ml samples, use the single Cytosep with white filter paper and cap; 6 mm deposit (28 mm²)**
- **Double funnels allow the deposition of 2 samples simultaneously on one slide**
- **Supplied with filter paper**
- **All components are available individually**





Cat. No.	Description	Pack. unit	Units/ box	€/ box
930543	Single funnel with white filter and cap	40	480	**N/A -**
930780	Single funnel with brown filter and cap	40	480	**N/A -**
930544	Double funnel with white filter and cap	40	480	**N/A -**
930781	Single funnel only	50	500	**N/A -**
930782	Double funnel only	50	500	**N/A -**
930776	Cap only	50	500	**N/A -**
930783	Base only	50	500	**N/A -**
930596	White filter paper for single funnel	-	200	**N/A -**
930784	Brown filter paper for single funnel	-	200	**N/A -**
930778	White filter paper for double funnel	-	200	**N/A -**

CytoSep™ Cytology Funnels (continued)

CytoSep™Mega funnel



For the preparation of high volume samples.

- **Does not require the use of metal clips**
- **Large deposition area: 22 x 14.75 mm (325 mm²); 12 times the volume of the standard CytoSep™ (6 ml)**
- **Strategically placed baffles prevent cell sedimentation, resulting in uniform cell deposition and excellent slide preparation quality**
- **Reduce the risk of exposure to pathogens and cross-contamination**

Cat. No.	Description	Pack. unit	Units/ box	€/ box
930785	Cytosep Mega funnel with cap	40	480	**N/A -**
930786	White filter paper	-	200	**N/A -**

CytoSep™ for Unitech (Wescor) Cytopro Centrifuge

Single funnels

- **The individual elements fit together quickly and are easily aligned**
- **Compression ring for better flow control and results**
- **Samples are loaded directly through the cap**
- **The caps provide additional safety for the operator**
- **Large, centred cell deposition area for easier and more sensitive screening**



Cat. No.	Description	Pack. unit	Units/ box	€/ box
930791	Single chamber with white filter paper	24	48	**N/A -**
930792	White filter paper	-	100	**N/A -**

Double funnels

- **Double chamber with close and easy to locate deposit areas**
- **7 mm spotlight provides a 37% larger area of cell collection**



Cat. No.	Description	Pack. unit	Units/ box	€/ box
930793	Double chamber with white filter paper	24	48	**N/A -**
930794	White filter paper	-	100	**N/A -**

CytoSep™ funnels for Sakura Cyto-Tek centrifuge



Cat. No.	Description	Pack. unit	Units/ box	€/ box
930787	Chamber 1 ml	50	200	**N/A -**
930788	Support	50	200	**N/A -**
930789	Cap	50	200	**N/A -**
930790	White filter paper	-	200	**N/A -**

CytoSep™ funnels for Cytofuge StatSpin centrifuge



- **For gentle concentration of cells in a 7 mm diameter area on a slide**
- **Supernatant absorbed by the filter**
- **For samples from 50 to 400 µl**
- **High quality single cell coating**
- **Filter sold separately**

Cat. No.	Description	Units/ box	€/ box
930795	Concentrator	48	**N/A -**
930796	Filter	200	**N/A -**

CytoSep™ funnels for Hettich Cyto-System



- **Multiple funnel options: 2, 3 or 4 per slide**
- **4 sizes available: 1, 2, 4 or 8 ml**
- **The 1 ml chamber is intended for the small volume with low cell concentration**
- **2 and 4 ml chambers: suitable for cell-rich samples**
- **8 ml chamber: recommended for very large samples (urine)**

Cat. No.	Description	Units/ box	€/ box
930797	Funnel chamber 1 ml	50	**N/A -**
930798	Funnel chamber 2 ml	50	**N/A -**
930545	Funnel chamber 4 ml	50	**N/A -**
930799	Funnel chamber 8 ml	50	**N/A -**
930800	Chamber ilter 1.2 and 4 ml	200	**N/A -**
930801	Chamber filter 8 ml	200	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

CryoSette™

930767



For the preservation of frozen tissue.

- CryoSette™ with acetal base and HDPE screw cap
- Maintains tissue integrity
- Wide opening
- Chamber dimensions Ø. ext. x Ø. int. x H (mm): 21 x 18 x 10.5
- Total dim. Ø. ext. x Ø. int. x H (mm): 24 x 38 x 11
- Can be stored in a freezer at -86 °C or in the gas phase of liquid nitrogen at -196 °C
- Possibility to add a 2D insert (040957) for efficient traceability
- 5 colour-coded inserts to choose from
- Option to add a cardboard (930766) or plastic (930765) identification label under the base of the CryoSette™
- Tested at 95 KPa
- Choice between 2 versions of storage boxes (930763 or 930764)

Storage box for 21 CryoSette™, in polypropylene

930764

930763



- Thick walls prevent deformation due to temperature changes
- SBS format, robotic compatible
- Marking on the sides for orientation of the box
- Lock for optimal closure
- Storage temperature: -196 °C to +121 °C
- Can only be stored in the gas phase of liquid nitrogen
- Dimensions: 127.76 x 85.48 x41.6 mm

Storage box for 40 CryoSette™, in polypropylene

- Dimensions: 133 x 133 x 52 mm
- Storage temperature: from -196 °C to +121 °C
- Autoclavable at 120 °C 1 bar for 20 min.
- Possibility to write on the lid

930766



Cat. No.	Description	Units/ box	€/ box
930767	CryoSette™ orange	250	N/A -
930763	Box for storage of 21 CryoSette™	10	N/A -
930764	Box for storage of 40 CryoSette™	10	N/A -
930768	Box divider kit for 930764	6	N/A -
930766	Identification label for CryoSette™, box	100	N/A -
930765	Identification label for CryoSette™ ,plastic	100	N/A -
040957	Insert 53 mm 2D Datamatrix black	500	N/A -
040958	Insert 53 mm blue	500	N/A -
040959	Insert 53 mm green	500	N/A -
040960	Insert 53 mm lilac	500	N/A -
040961	Insert 53 mm red	500	N/A -
040962	Insert 53 mm yellow	500	N/A -

OPTISCAN10 slide scanner



- Convert optical image into digital image
- For 24 x 75 mm slides
- Normal resolution: 5 000 dpi high resolution: 10 000 dpi
- Scanning time: 1 min 30 s to 2 min 10 s
- LED lighting
- Easily usable digital image
- System compatibility Windows XP service pack 2 / Vista / win 7 / win 8 / win 10 / 32-64 bit / USB 2.0
- Supplied with 1.5 m USB cable, power supply, CD-ROM

Cat. No.	Description	€
671181	Digital slide scanner 10 000 dpi	N/A -

Histology plate



- Capacity: 50 slides
- Black anodised aluminium work surface with high contrast for a better view of the sample
- Easy to replace heating element
- With removable bar for flat, straddle or 1-sided positioning on the bar

Temperature	Amb. + 5 °C to 100 °C
Capacity slides 76 x 26 mm	50
L x D x H (mm)	390 x 180 x 90
Power (W)	150
Cat. No.	**078554**
€	**N/A -**

Histological bath

Histological bath for paraffin inclusions "Termofin".

- **For adjustable temperatures from 40 °C to 80 °C**
- **Stability ± 1 °C**
- **Teflon coated**
- **Inner tank, top and lid coated with PTFE, indelibly matt black**
- **With hole for temperature reading thermometer**
- **Control panel: main switch, temperature control thermostat, synchronised with a signal lamp**
- **Applications: for melting and storing paraffin in a liquid state which allows the visualisation of tissue sections**

Capacity	4 litres
ø x useful height	250 x 100 mm
ø x ext. height	340 x 140 mm
Consumption	430 W
Weight	2.3 kg



Cat. No.	Description	€
068649	Histological bath for paraffin embedding	N/A -

Storage drawers

- **In polystyrene**
- **For the storage of 165 insert moulds or 250 cassettes per drawer**
- **Impact resistant**
- **Identification labels included**



Cat. No.	Description	€
040669	6 storage drawers only	N/A -

Paraplast-Plus Paraffin

For the inclusion of samples.

- **Supplied in flake form**
- **Melting temperature: 56 °C**
- **1 kg bag**



Cat. No.	Description	€
140320	Paraplast Plus 1 kg	N/A -

Find our dyes and bleaches on pages 594 and 595

TIP

Paraffin dispenser

- **Epoxy coated metal outer shell**
- **Internal cuvette and lid made of aluminium coated in indelible black PTFE**
- **Stopcock with integrated heating**



Capacity (l)	4
ø x useful H (cm)	20 x 15
ø x ext. H (cm)	28 x 30
Power consumption (W)	400
Weight (kg)	5
Cat. No.	**068646**
€	**N/A -**

For ambient adjustable temperatures + 5 °C to 100 °C.
Stability ± 1.5 °C. Control panel:

- main switch, with indicator light;
- heating operation indicator lamp;
- temperature control thermostat;
- temperature control of the drain valve.

Paraffin dispenser 5 l



- **5 litre paraffin capacity**
- **LED ignition indicator**
- **Backlit LCD display**
- **Possibility to program the start and end time of the heating cycle**

Capacity	5 l Reservoir
Programmable parameters	Start and end time
Dimensions (mm)	410 x 440 x 360
Power supply	220 V, 50 Hz
Cat. No.	**942904**
€	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Paraffin dispenser



Compact device for dispensing molten paraffin on demand directly from its tap.
Digital display for temperature setting and display.

- **Capacity: 7.5 l**
- **Ambient temperature setting +5 °C to 70 °C**
- **Stainless steel cuvette with antimicrobial coating**
- **Heated tap to prevent wax clogs**
- **Compact model**

Temperature (°C)	Amb +5 °C to 70 °C
Display resolution (°C)	1
Accuracy	+/- 1 °C
Cuvette capacity (l)	7.5
Weight (kg)	7
Dimensions W x D x H (mm)	181 x 500 x 455
Power consumption (W)	480
Power supply	230 V, 50-60 Hz
Cat. No.	**002125**
€	**N/A -**

Manual rotation microtome



- **For making tissue sections in paraffin**
- **Ergonomic, easy-to-handle handwheel with mechanism lock**
- **Cutting surface 50 x 45 mm**
- **Sample clamp and universal clamp for cassette easily interchangeable and swivelling**
- **Advanced macro system**
- **Supplied with 2 slide holders for high and low profile disposable slides, with tiltable finger guard**

Cutting thickness (µm)	0.5 - 60
Cutting thickness adjustment	From 0.5-2 µm in 0.5 µm intervals From 2-10 µm in 1 µm intervals From 10-20 µm in 2 µm intervals From 20-60 µm in 5 µm intervals
Angle of slide orientation	0 - 12 °
Horizontal displacement of the sample (mm)	35
Vertical displacement of the sample (mm)	46
Sample Orientation	8° (x-y eyes); 360° gyratory
Dimensions L x D x H (mm)	300 x 570 x 270
Weight (kg)	34
Power supply	220 V - 50 Hz
Cat. No.	**942836**
€	**N/A -**

Sterile polystyrene Pasteur pipettes



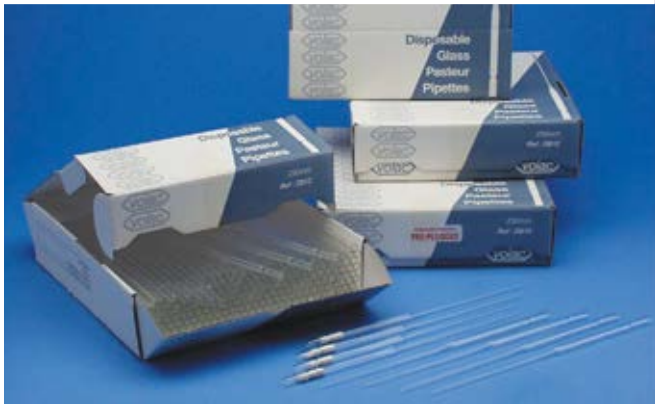
- **In transparent polystyrene, length 150 mm and 230 mm**
- **Advantages over glass pipettes: safer, more economical, gamma sterility guaranteed**
- **In individual packaging or 25 units**

Length (mm)	Ind. sterile packaging	Packed per 25, sterile
152	**978357**	**978358**
229	**978359**	**978360**
Units/bag	50	25
Units/box	200	500
€/box	**N/A -**	**N/A -**

VOLAC Pasteur Pipettes

Low capillary diameter: 1.5 mm. Soda-lime glass.

Cat. No.	Total length (mm)	Sterile	Cottoned	Thick wall	Units/ box	€/ box
320244	150	No	No	No	1000	N/A -
320246	150	No	Yes	No	1000	N/A -
320247	150	Yes	Yes	No	250	N/A -
320248	230	No	No	No	1000	N/A -
320252	230	No	Yes	No	1000	N/A -
320253	230	Yes	Yes	No	250	N/A -



Glass Pasteur pipettes, non-cottoned

- Soda-lime glass
- Non-cottoned
- Complies with the USP type III
- Open tips

Cat. No.	Length (mm)	Tip int. Ø (mm)	Capacity (ml)	Units/ box	€/ box
251563	150	1.1	2	1000	N/A -
251564	230	1.1	2	1000	N/A -

Teats for pasteur pipettes

Cat. No.	Material	Units/ box	€/ box
251565	Silicone	100	N/A -
251566	Natural rubber, latex	100	N/A -
012780	Versilic Silicone	25	N/A -



Pasteur Plastic pipettes

- Made of medical grade polystyrene
- Sterilised by gamma rays

Cat. No.	Length (mm)	Units/ bag	Units/ box	€/ box
141399	145	50	200	N/A -
841400	230	50	200	N/A -

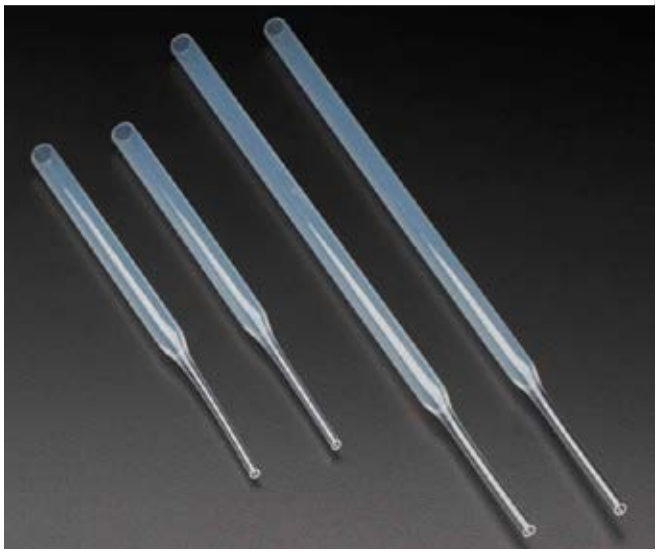
DNase RNase | Pyro-genic



Pasteur Polypropylene Pipettes

- Made of polypropylene
- Safer and less brittle than glass pipettes
- Good chemical resistance
- In individual sterile, bulk sterile or bulk non-sterile packaging
- Autoclavable

Length (mm)	Individual sterile pack.	Sterile bulk	Non-sterile bulk
152	978494	978368	978369
229	978370	978371	978372
Units/bag	50	25	100
Units/box	200	500	500
€/box	N/A -	N/A -	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Pasteur pipettes in soda-lime glass



Cat. No.	Total length (mm)	ø x W (mm) body	ø x l (mm) capillary	Cottoned	Closed	Aseptic	Pack unit.	Units/ box	€/pack. unit*
020419	150	6.5 x 100	1.5 x 50	No	No	No	4 x 250	1000	**N/A -**
020420	230	6.5 x 100	1.5 x 130	No	No	No	4 x 250	1000	**N/A -**
711175	350	7 x 120	1.5 x 175	Yes	Yes	Yes	4 x 200	800	**N/A -**

* Pasteur pipettes are delivered in single packs or in standard box.

High precision Pasteur pipettes

- **Soda-lime glass, with constriction**
- **Low capillaryØ: 1.3 mm**

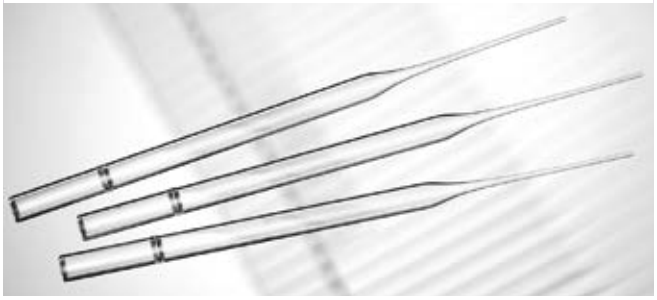




* If sterile, sterilised with ethylene oxide.

Cat. No.	Total length (mm)	Cottoned	Closed	Sterile*	Pack unit.	Units/ box	€/ box
495000	150	No	No	No	250	1000	**N/A -**
495001	230	No	No	No	250	1000	**N/A -**
495002	270	No	No	No	250	1000	**N/A -**
495003	300	No	No	No	250	1000	**N/A -**
495005	150	Yes	No	No	250	1000	**N/A -**
495006	230	Yes	No	No	250	1000	**N/A -**
495007	150	No	Yes	No	250	1000	**N/A -**
495008	230	No	Yes	No	250	1000	**N/A -**
495009	150	Yes	Yes	No	250	1000	**N/A -**
495011	150	Yes	Yes	Yes	250	1000	**N/A -**
495012	230	Yes	Yes	Yes	250	1000	**N/A -**

Non-sterile Pasteur pipettes in soda-lime glass



Cat. No.	Total length (mm)	Cottoned	Closed	Units/ box	€/ box
065421	150	No	No	250	**N/A -**
065422	230	No	No	250	**N/A -**
065468	150	Yes	No	250	**N/A -**
065469	230	Yes	No	250	**N/A -**
065470	230	No	Yes	250	**N/A -**
065471	230	Yes	Yes	250	**N/A -**
065472	270	No	No	250	**N/A -**
065473	270	Yes	No	250	**N/A -**

Wheaton® LDPE Transfer Pipettes



Cat.No	Total Vol. (ml)	Bulb vol. (ml)	Length (mm)	Drop vol. (µl)	Graduation	Sterile	Units/ bag	Units/ box	€/ box
055764	5	3.5	150	34.5	Yes up to 1 ml in 0.25 ml increments	No	500	3000	**N/A -**
055781	5	3.5	150	34.5	Yes up to 1 ml in 0.25 ml increments	Yes	1	500	**N/A -**
055791	5	3.5	150	34.5	Yes up to 1 ml in 0.25 ml increments	Yes	10	1500	**N/A -**
055792	5	3.5	150	34.5	Yes up to 1 ml in 0.25 ml increments	Yes	20	1500	**N/A -**
055765	7	3.5	160	47.6	Yes up to 3 ml in 0.50 ml increments	No	500	3000	**N/A -**
055780	7	3.5	160	47.6	Yes up to 3 ml in 0.50 ml increments	Yes	1	500	**N/A -**
055793	7	3.5	160	47.6	Yes up to 3 ml in 0.50 ml increments	Yes	10	1500	**N/A -**
055794	7	3.5	160	47.6	Yes up to 3 ml in 0.50 ml increments	Yes	20	1500	**N/A -**
055787	1.5	1	103	20	No	No	500	3000	**N/A -**
055789	1.5	1	103	20	No	Yes	1	500	**N/A -**
055788	1.5	1	103	20	No	Yes	10	1500	**N/A -**
055790	1.5	1	103	20	No	Yes	20	1500	**N/A -**
054996	23	10	300	45.4	No	No	100	600	**N/A -**

Biosigma Transfer pipettes

- Made of polyethylene
- Sterile or not - peelable packaging for sterile models
- Economic



Graduated pipettes

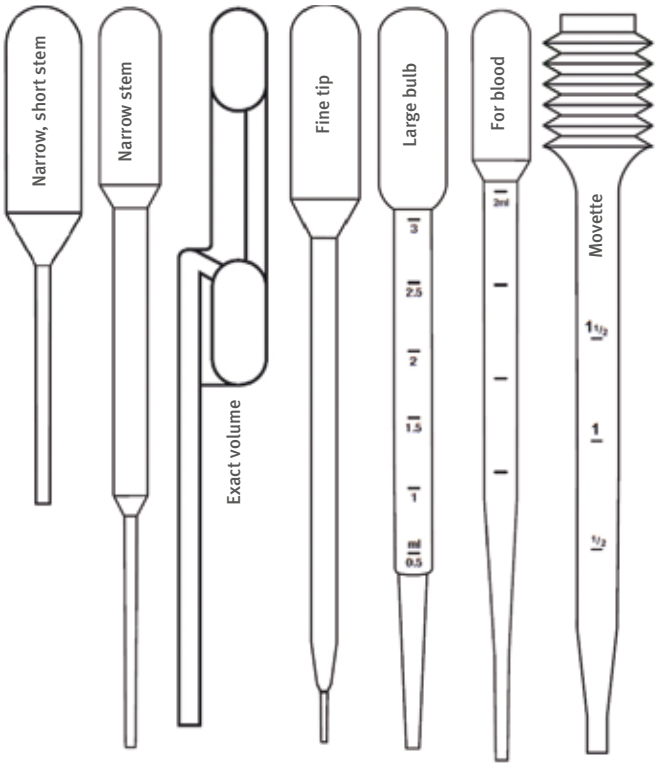
Model	Rod Vol.1 ml graduated	Rod Vol. 3 ml graduated
Bulb vol. (ml)	4.5	4
Length (mm)	145	155
Graduation (ml)	0.25	0.5
In bulk	**390509**	**390512**
Units/bag	500	500
€/bag	**N/A -**	**N/A -**
Steriles/5	**390510**	**390513**
Units/box	1000	1000
€/box	**N/A -**	**N/A -**
Sterile/1	**390511**	**390514**
Units/box	1000	1000
€/box	**N/A -**	**N/A -**

Other transfer pipettes - Non-sterile.

Cat.No.	Description	Units/ box	€/ box
390515	Transfer pipette 1.5 ml long tip	2400	**N/A -**
390521	Transfer pipette 10 ml	1500	**N/A -**
390517	Transfer pipette triple bulb for M.T. kit	3000	**N/A -**

Transfer pipettes in LDPE

- In LDPE
- Operating temperature from -196 °C to 90 °C



Non-sterile

Cat. No.	Type	Volume bulb. (ml)	Length (mm)	Units/ box	€/ box
380573	4 ml, narrow stem, short	3	85	500	**N/A -**
380574	6.5 ml, narrow stem	3.2	155	500	**N/A -**
380575	Exact volume 0.05 ml	0.05	59	500	**N/A -**
380576	Exact volume 0.075 ml	0.075	75	500	**N/A -**
380577	Exact volume 0.1 ml	0.1	83	500	**N/A -**
380578	Exact volume ~0.14 ml	0.2	115	500	**N/A -**
380579	Exact volume 0.25 ml	0.25	104	500	**N/A -**

Sterile

Cat. No.	Type	Volume bulb. (ml)	Long. (mm)	Pack unit.	Units/ box	€/ box
380580	5.8 ml, fine tip	3.4	147	20	400	**N/A -**

Non-sterile graduated

Cat.No	Type	Bulb Vol. (ml)	Long. (mm)	Graduations / increments(ml)	Units/ box	€/ box
380581	7.5 ml, large bulb	3.5	148	3.0/0.5	500	**N/A -**
380582	5 ml, large bulb	3.4	145	1.0/0.25	500	**N/A -**
380583	5 ml for blood	2	155	2.0/0.5	500	**N/A -**
380584	Movette 7 ml	4.8	140	1.5/0.5	100	**N/A -**
380585	Movette 15 ml	5.8	192	5.0/1.0	100	**N/A -**
380586	5 ml	1.8	150	2.25/0.25	500	**N/A -**

Sterile graduated

Cat.No	Type	Volume bulb. (ml)	Long. (mm)	Graduations (ml)/ increments (ml)	Pack unit.	Units/ box	€/ box
380587	7 ml, large bulb	3.2	155	3/0.5	10	400	**N/A -**
380588	5 ml, large bulb, single pack	3.4	150	1.0/0.25	100	400	**N/A -**
380589	5ml , large bulb	3.4	145	1.0/0.25	10	400	**N/A -**

Long Transfer pipettes



- Total volume: 6 ml
- Total length: 227 mm
- RodØ: 4.4 mm
- Bulb Volume: 3.2 ml
- Drop volume: 40 µl
- Graduated up to 1.5 ml with a 0.5 ml interval

Cat. No.	Description	Units/ box	€/ box
042865	Transfer pipettes	400	**N/A -**
042866	Sterile transfer pipettes, individually packed	500	**N/A -**

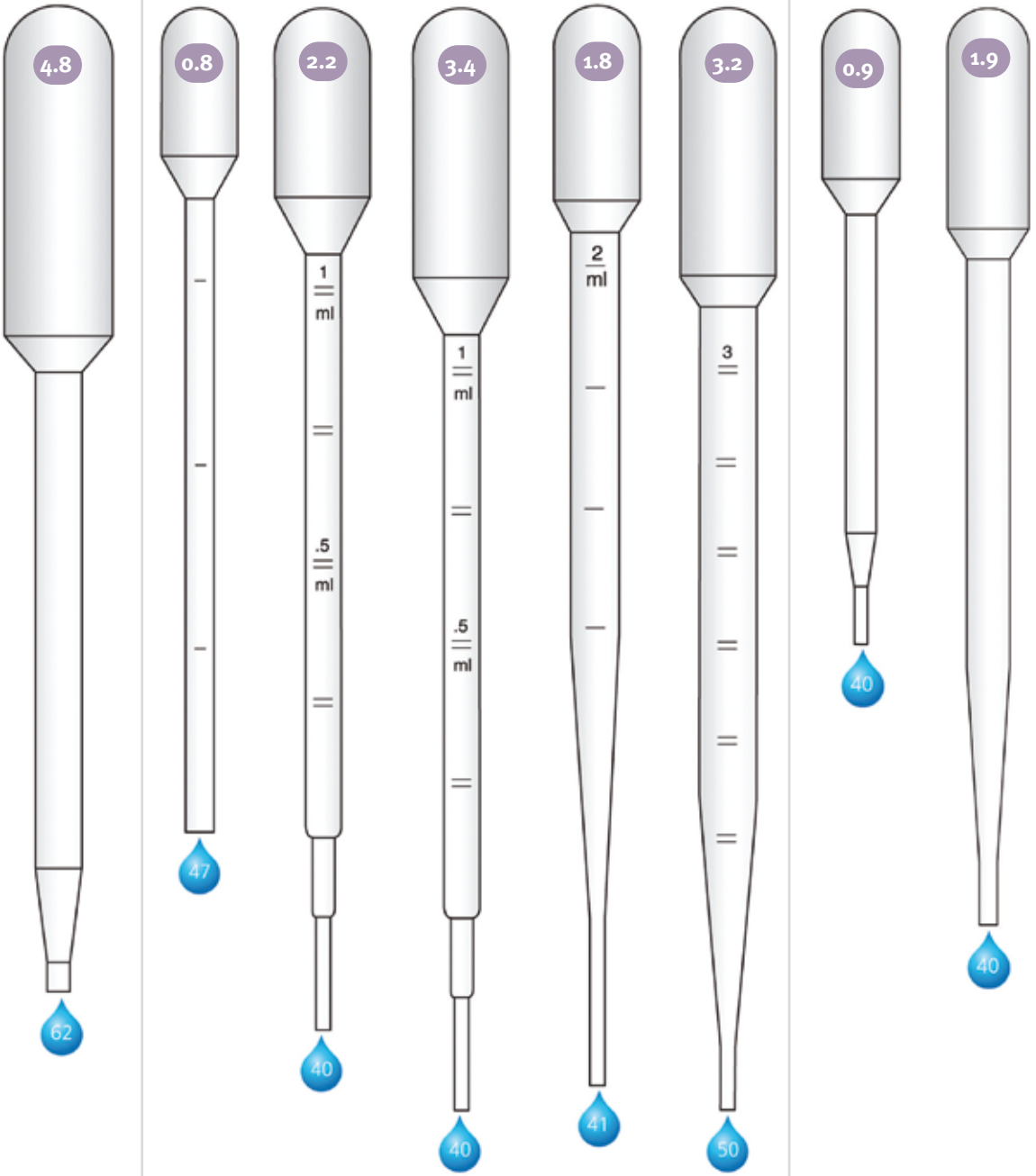
All prices are indicative and exclude VAT. Visit www.dulis.nl

Transfer pipettes

- 25 different models, suitable for the vast majority of liquid handling in the laboratory
- Single use
- Bulb integrated in the pipette
- 1 non sterile version and 2 sterile versions
- Sterile pipettes: individual (paper/plastic) or multiple packaging
- Polyethylene, unbreakable, non-toxic, low protein affinity

Select your transfer pipette according to the volume of the bulb required.

	WIDE OPENING	GRADUATED					STANDARD	
Bulb Volume (ml)	4.8	0.8	2.2	3.4	1.8	3.2	0.9	1.9
Length (mm)	**137**	**116**	**140**	**155**	**152**	**155**	**87**	**129**
Drop per ml	16	21	25	25	24	20	25	25
Bulb Volume + stem (ml)	9.3	1.5	3.9	5.8	4.8	7.5	1.7	4
1st / last grad. (ml)	-	0.1 / 0.3	0.25 / 1	0.25 / 1	0.5 / 2	0.5 / 3	-	-



Drop volume (µl)

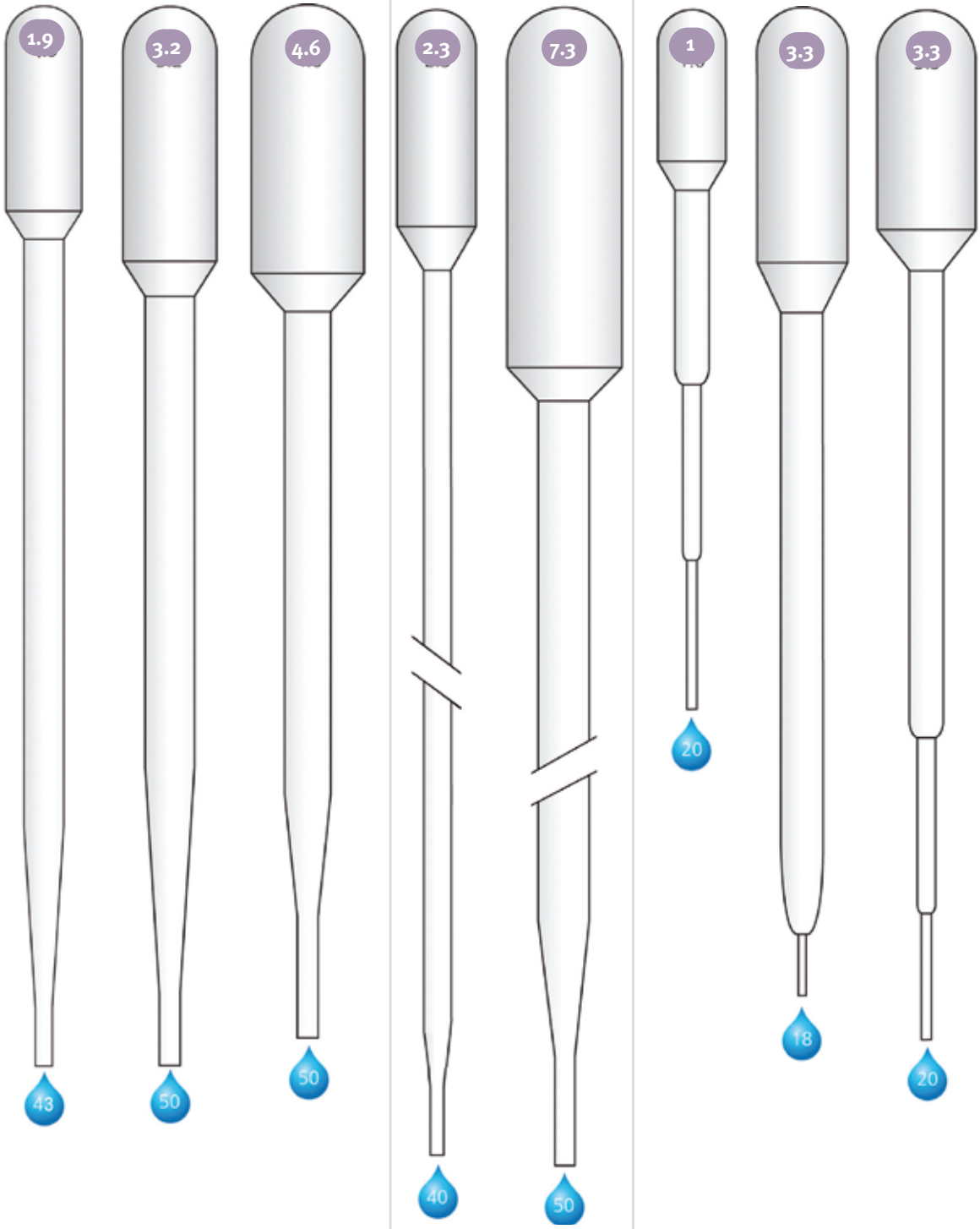
Non-sterile	043337	043282	043212	043222	043274	043225	043273	043335
Box of	250	500	500	500	500	500	500	400
€/ box	41.79 -	42.03 -	42.27 -	41.73 -	42.12 -	41.83 -	42.80 -	41.90 -
Sterile/1	043338	043282S	043212S	043222S	043274S	043225S	043273S	043335S
Box of	250	500	500	500	500	500	500	400
€/ box	42 -	71.94 -	84.42 -	84.39 -	84.30 -	93.32 -	80.09 -	80.30 -
Sterile/10	043339B*	043282M	043212M	043222M	043274M	043225M	043273M	043335M
Box of	400	500	500	500	500	500	500	400
€/ box	37.68 -	92.60 -	98.60 -	126 -	70.40 -	79.40 -	63.80 -	107.80 -

*043339B: sterile/20

Transfer pipettes

Select your transfer pipette according to the volume of the bulb required.

	STANDARD			EXTRA LONG		FINE TIP		
Bulb Volume (ml)	1.9	3.2	4.6	2.3	7.3	1	3.3	3.3
Length (mm)	**154**	**156**	**157**	**225**	**300**	**104**	**147**	**153**
Drop per ml	23	20	20	25	20	50	55	50
Bulb Volume + stem (ml)	5	7.7	8	6	23	1.5	5.8	5
Graduation (ml)	-	-	-	-	-	-	-	-



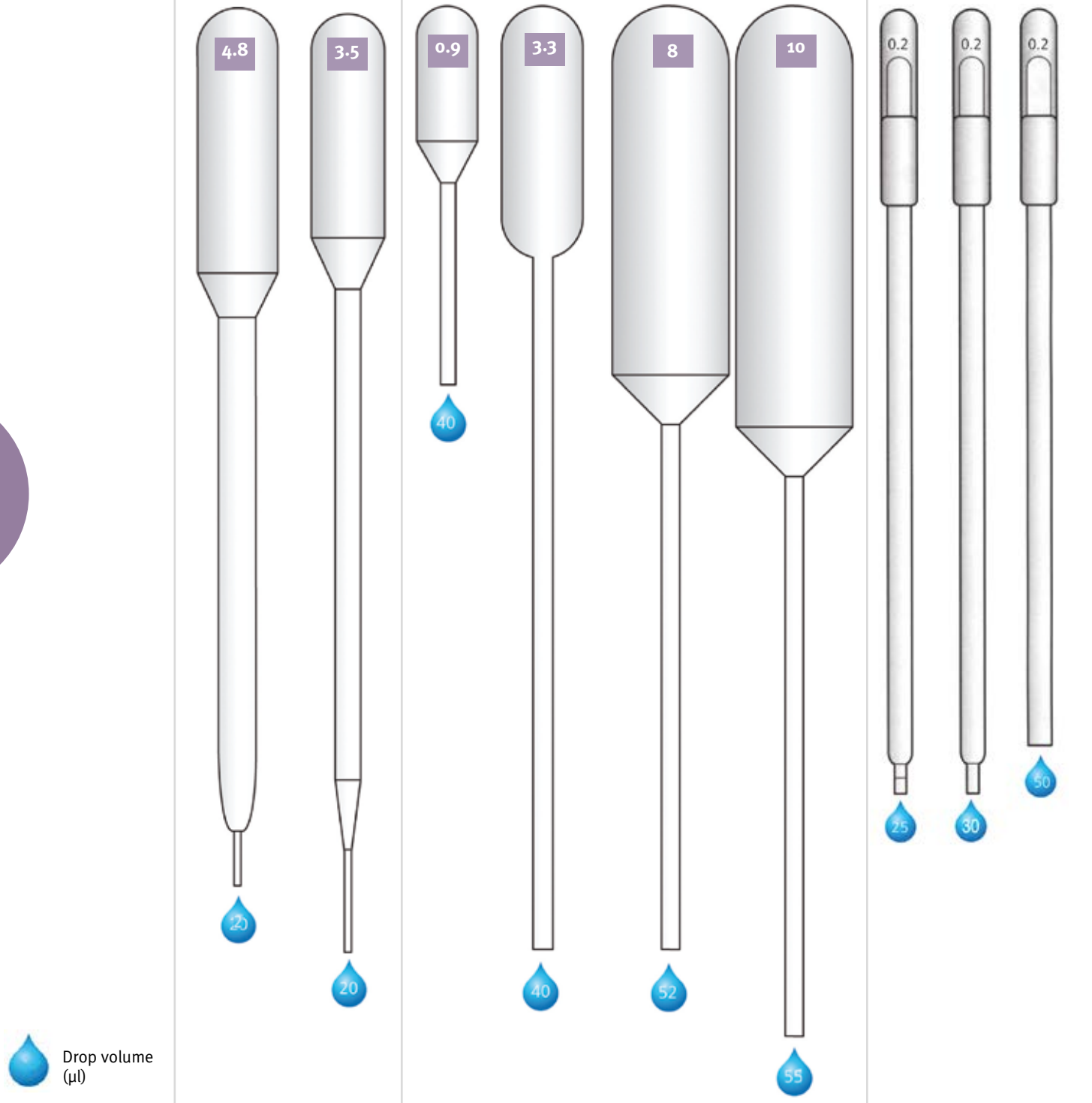
Drop volume (µl)

Non-sterile	043336	043202	043204	043262	043263	043231	043232	043233
Box of	500	500	400	400	100	400	500	250
€/ box	43.34 -	43.34 -	35.52 -	35.52 -	34.05 -	38.95 -	42 -	28 -
Sterile/1	043336S	043202S	043204S	043262S	043263S	043231S	043232S	043233S
Box of	500	500	400	400	100	400	400	400
€/ box	82.47 -	110 -	82.35 -	69.30 -	81.16 -	90.19 -	108.79 -	96.51 -
Sterile/10	043336M	043202M	043204M	043262M	043263M	043231M	043232M	043233M
Box of	500	500	400	400	100	400	500	500
€/ box	98 -	69.10 -	141 -	71.30 -	75.60 -	108 -	110 -	128 -

TRANSFER PIPETTES

Select your transfer pipette according to the volume of the bulb required.

	FINE TIP		STRAIGHT ROD				SPECIAL		
Bulb Volume (ml)	4.8	3.5	0.9	3.3	8	10	0.2	0.2	0.2
Length (mm)	**147**	**157**	**64**	**155**	**155**	**171**	**131**	**131**	**124**
Drop per ml	45	50	25	25	19	18	-	-	-
Bulb Volume + stem (ml)	8.7	5.8	1.2	4.6	15	-	1	1	0.8
Graduation (ml)	-	-	-	-	-	-	-	-	-



Drop volume (µl)

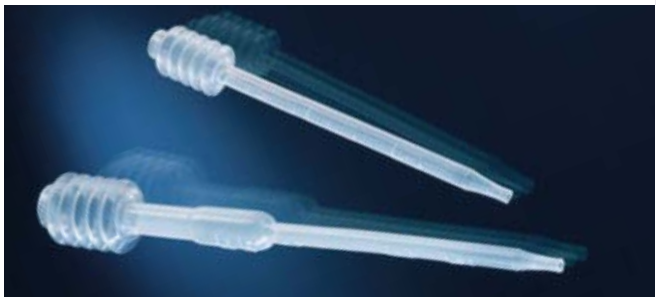
Non-sterile	-	**043235**	**043241**	**043251**	**043252**	**030126**	**043292**	**043293**	**043295**
Box of	-	500	500	500	250	200	500	500	500
€/ box	-	**51.10 -**	**43.08 -**	**43.12 -**	**29.33 -**	**28.10 -**	**56.95 -**	**56.99 -**	**57.06 -**
Sterile/1	**043234S**	**043235S**	**043241S**	**043251S**	**043252BS**	-	-	-	-
Box of	400	400	500	500	250	-	-	-	-
€/ box	**99.84 -**	**94.82 -**	**126.80 -**	**86.36 -**	**57.35 -**	-	-	-	-
Sterile/10	**043234M**	**043235M**	**043241M**	**043251M**	**043252M**	-	-	-	-
Box of	400	500	500	500	250	-	-	-	-
€/ box	**126 -**	**104 -**	**69.10 -**	**101 -**	**86.10 -**	-	-	-	-

Movettes Pipettes

- **Made of polyethylene**
- **3 sizes: 1.5, 4 and 5 ml**
- **For semi-quantitative sampling**

Cat. No.	Volume (ml)	Sterile	Units/ box	€/ box
391474*	1.5	No	100	**N/A -**
391475*	5	No	100	**N/A -**

* Economic models



Wide-mouth transfer pipettes

Facilitate the handling of fragile or high viscosity products.

- **In LDPE**
- **Large bulb**
- **Total length: 125 mm**
- **Internal diameter of the tip: 5.5 mm**

Cat. No.	Description	Units/ box	€/ box
380514	Wide-mouth transfer pipette	500	**N/A -**



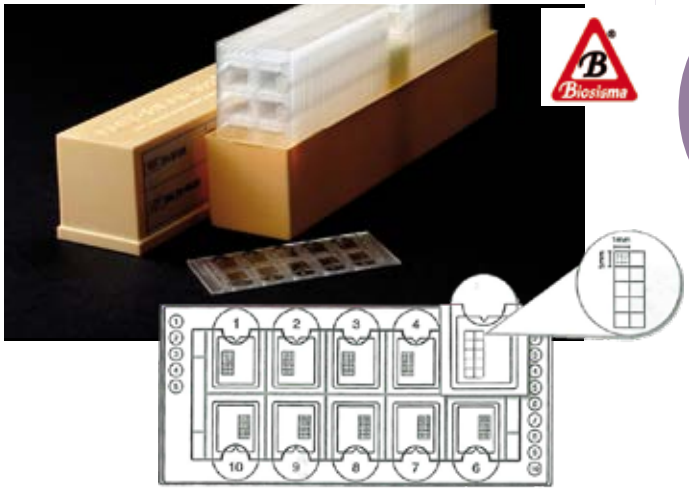


Fast-Read 102®Plastic counting cells

10-grid PPMA slides for counting cells per µl.

Cell volume (µl)	7
Grid dimensions (mm)	5 x 2
Depth (mm)	0.1
Grid volume (µl)	1
Square dimensions (mm)	1 x 1
Square volume (µl)	0.1
Chamber volume (µl)	37

Cat. No.	Description	€
390497	Fast-read® slides, 10 chambers x 100	**N/A -**
390498	Fast-Read® 100 slides Kit, 10 chambers + 1000 transfer pipettes	**N/A -**
390499	Fast-Read® 100 slides kit, 10 chambers + 1000 transfer pipettes + 1 bottle of dye 35 ml	**N/A -**

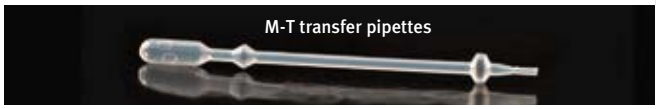


M-T® System for Fast-Read 102®

The use of the M-T® system combined with the Fast-Read 102® slide considerably reduces the risk of confusion with other cells, thus increasing the accuracy of the result.

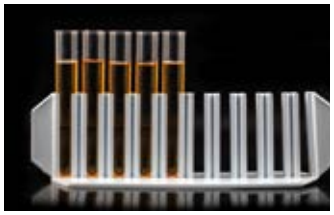
- **Used for urine examinations, avoids overlapping of epithelial cells during sedimentation**
- **M-T® transfer pipettes: special calibration allowing 1 ml of sample to be blocked at the bottom of the tube**
- **Tubes for M-T® system: 16 x 103 mm, PS transparent, graduation 1/2.5/5/10 ml**

Cat. No.	Description	€
390508	1000 M-T® transfer pipettes + 1000 x 10 ml tubes	**N/A -**
391536	Rack For 10 tubes	**N/A -**
390503	Kit of 100 Fast-read® 10-chamber slides + 1000 M-T® transfer pipettes	**N/A -**
390506	Kit of 100 Fast-read® 10-chamber slides + 1000 M-T® transfer pipettes + 1000 x 10 ml ubes + 1000 caps	**N/A -**
390522	Conical tubes 16 x 103 mm graduated in PS (2000 units)	**N/A -**
390523	Conical tubes 16 x 103 mm graduated in PS (2000 units)	**N/A -**
390517	Tri-bulb pipettes for M-T®system (3000 units)	**N/A -**



Principle

1. Place tube 390522 or 390523 containing the urine to be analysed in the express rack 391536 and centrifuge
2. Insert the 3-bulb M-T transfer pipette
3. Turn the rack over
4. You get 1 ml of resuspended sediment ready for analysis on slide Fast-Read 102®









Find the application notes on www.dulis.nl



All prices are indicative and exclude VAT. Visit www.dulis.nl

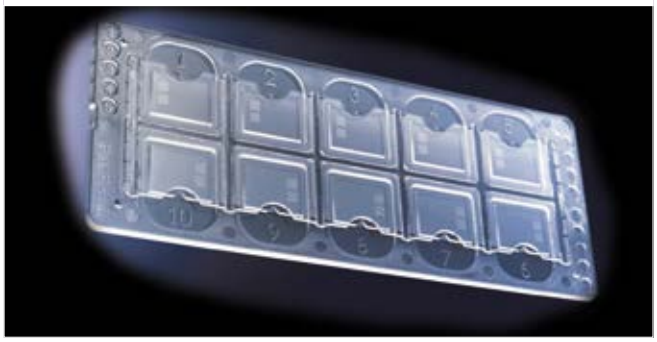
Transferpettes 8-channel



- Clear polyethylene pipettes
- Delivers approximately 600 µl per channel
- Available in sterile and non-sterile versions

Cat. No.	Description	Units/ box	€/ box
085017	Non-sterile Transferpette	25	N/A -
085018	Sterile Transferpette	100	N/A -

Quick Read Slide with counting grid

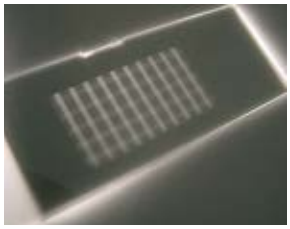


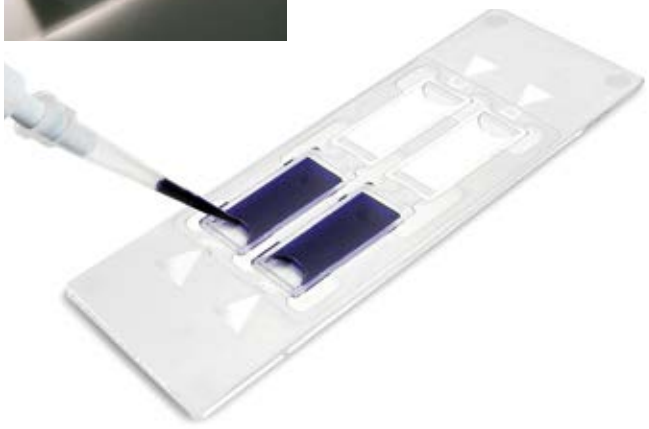
- High optical quality acrylic slide
- Includes 10 counting chambers with grids for counting
- Volume of each chamber: 6.3 µl
- L x W: 83 x 31 mm
- Thickness: between 1 and 2 mm
- Non-sterile
- In PMMA (polymethylmethacrylate)

Cat. No.	Description	€ 100 units
380500	Quick Read Slide	N/A -

G-slides single-use counting cells





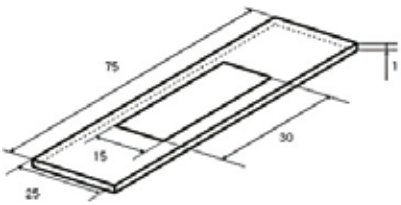


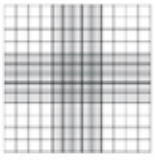
- Single use, no tedious cleaning, no risk of cross-contamination
- Light, transparent glass
- Reduces the risk of exposure to infected products
- Material: PMMA (polymethyl methacrylate)
- Ext. dim.: 25 x 75 mm, thickness: 1.2 mm
- Grids Neubauer, Burker Turk, Fuchs-Rosenthal; refractive index: 1.59; transparency same as glass (›86 %)

Applications

- Cell tests: cell concentration, viability tests
- Blood analysis, blood cell count
- Microbiology: spore and bacteria counts
- Clinical medicine: sperm counting for IVF

Cat. No.	Description	€ 50 units
393000	Neubauer G-slide cells 10 µl	N/A -
393013	Neubauer G-slide cell 10 µl - 4 chambers	N/A -
393001	Fuchs-Rosenthal G-slide cell 10 µl	N/A -
393002	Burker Turk G-slide cell 10 µl	N/A -
393011	Burker G-slide cell 10 µl	N/A -
393012	Malassez G-slide cell 10 µl	N/A -





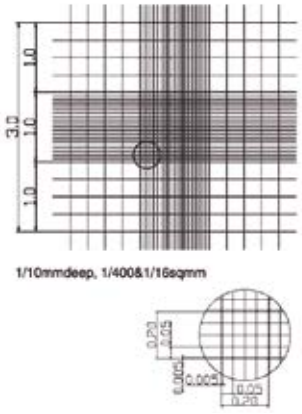
Counting cells with 4 polystyrene grids

- **Single-use 4-grid counting cells**
- **With integrated coverslip**
- **For easy, contamination-free counting**
- **For counting 4 samples independently**
- **4 types of grid**
  NEUBAUER / BURKER-TURK / THOMA / FUCHS ROSENTHAL

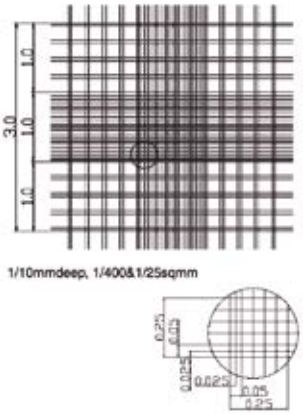
	NEUBAUER	BURKER-TURK	THOMA	FUCHS ROSENTHAL
Per box of 10	**813001**	**813003**	**813005**	**813007**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Per box of 300 (30 x 10)	**813000**	**813002**	**813004**	**813006**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**



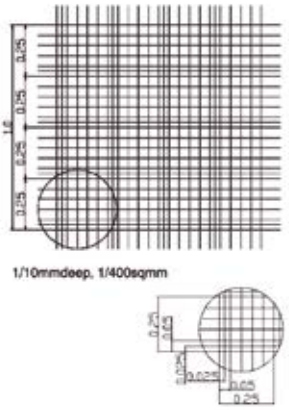
NEUBAUER



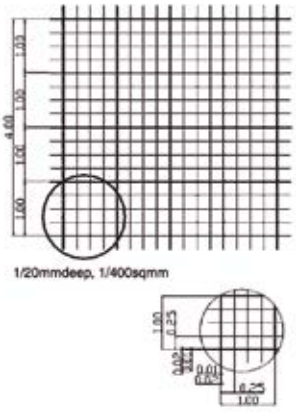
BURKER-TURK



THOMA



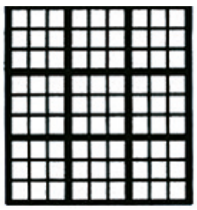
FUCHS ROSENTHAL



Kovas Slide Plastic Counting Cell Slides

Slides with 10 individual gridded cells made of acrylic. Grid: 3 x 3 mm. Depth: 0.1 mm.
Grid: 9 slots divided into 9 squares.

Cat. No.	Description	€/ per box of 100
050126	Kovas Slide	**N/A -**



Makler cell

Depth counting cell for obtaining a single layer of spermatozoa.

- **Coverslip gridded in 100 grids of 0.1 mm on each side**
- **10 µm gap between cell and coverslip**

Cat. No.	Description	€
000972	Makler chamber with grid	**N/A -**
000973	Replacement grid	**N/A -**



Sedgewick Rafter cell

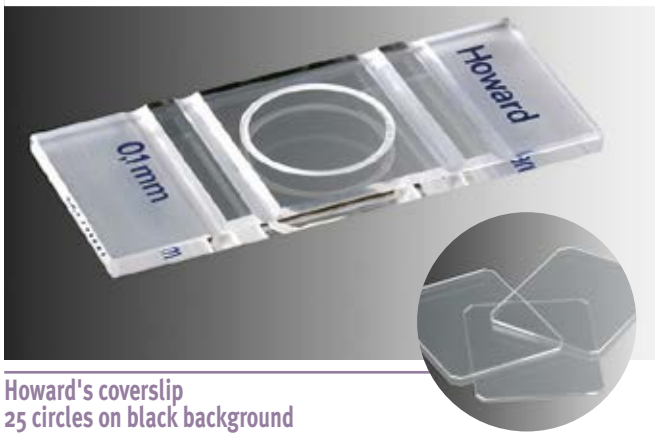
- **With coverslip**
- **For particle counting in 1 ml of water**
- **Graduated cell with a 1 mm grid that divides 1 ml into 1000 µl**
- **Cell dimensions: 50 x 20 x 1 mm**

Cat. No.	Description	€
140470	Sedgewick Rafter cell	**N/A -**
140471	Sedgewick Rafter plastic cell	**N/A -**
140472	Replacement coverslip 60 x 30 x 1 mm	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Howard's cells



Howard's coverslip 25 circles on black background

- A black mask
- 5 x 5 slots

Cat. No.	Description	€
140464	Howard's coverslip 25 circles on black background	N/A -

Howard cell

- For the examination of fruit juice
- Depth 0.1 mm, 2 lines 1402 µm apart, 18 mm circle
- Supplied without cover slip

Cat. No.	Description	€
140460	Howard cell	N/A -

Howard cell without line

- Supplied without cover slip
- Depth 0.1 mm, diameter: 20 mm

Cat. No.	Description	€
140463	Howard cell without line	N/A -

Coverslips for Howard's cells

Cat. No.	Description	€
140461	Coverslips 25 x 40 x 0.4 mm for Howard cells	N/A -
140462	Coverslips 25 x 40 x 0.4 mm chrome plated 5 x 5 circles ø 1.382 mm	N/A -

Mac Master cells



Spare coverslip for Mac Master cells

- 80 x 18 mm
- 3 networks 10 x 10 mm

Cat. No.	Description	€
140466	Spare coverslip for Mac Master cells	N/A -

Mac Master 2 field cell

- Ground edges
- 2 networks
- With coverslip
- Glued to 3 spacers
- Dimensions: 75 x 32 mm

Cat. No.	Description	€
140467	Mac Master 2 field cell	N/A -

Mac Master 3 field cell

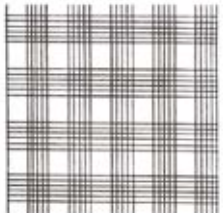
- Ground edges
- Rounded corners
- With coverslip
- 3 networks 10 x 10 mm
- Holding clamps
- Dimensions: 127 x 26 mm

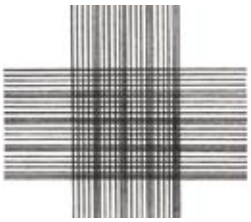
Cat. No.	Description	€
140465	Mac Master 3 field cell	N/A -



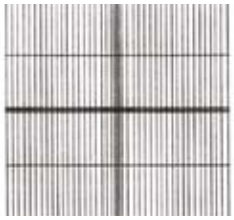
Counting cells

High precision glass cells with engraved striations. Single, double grid, metallic (light stripes with better contrast).

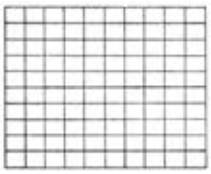

Malassez


Thoma

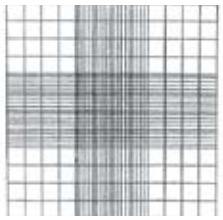


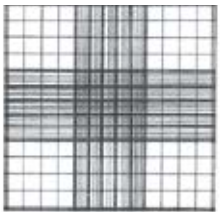

Lemaur

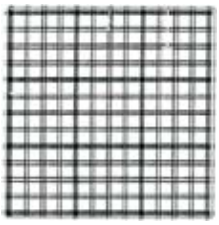

Nageotte


Agasse Lafont


Flat coverslips


Neubauer


Improved Neubauer


B Bürker

Counting cells - suitable for in-vitro diagnosis - CE marked - with double counting grid

Type	Grid	Depth (mm)	Gridded (mm²)	Numeration	Cat. No.	€
Malassez	Double	0.2	5	Red blood cells-Leukocytes	**140501**	**N/A -**
Malassez	Double Metallic	0.2	5	Globular	**140533**	**N/A -**
Malassez	Double	0.2	5	Red blood cells-Leukocytes	**900589****	**N/A -**
Malassez	Double Metallic	0.2	5	Globular	**900590****	**N/A -**
Thoma	Double	0.1	1	Red blood cells-Leukocytes	**140503**	**N/A -**
Thoma	Double Metallic	0.1	1	Globular	**140535**	**N/A -**
Nageotte	Double	0.5	10	Spinal Cord	**140506**	**N/A -**
Nageotte	Double Metallic	0.5	10	Spinal Cord	**140532**	**N/A -**
Neubauer	Double	0.1	3	Erythrocyte-Leukocytes	**140515**	**N/A -**
Neubauer	Double Metallic	0.1	3	Erythrocyte-Leukocytes	**140528**	**N/A -**
Improved Neubauer	Double	0.1	3	Erythrocyte-Leukocytes	**140514**	**N/A -**
Improved Neubauer*	Double	0.02	3	Erythrocyte-Leukocytes	**140469**	**N/A -**
Improved Neubauer	Double Metallic	0.1	3	Erythrocyte-Leukocytes	**140527**	**N/A -**
Bürker	Double Metallic	0.1	9	Red blood cells-Leukocytes	**140529**	**N/A -**

* Petroff type ** With clamps

Coverslips for counting cells

Coverslips specially designed for counting cells. Thickness: 0.4 mm.

Cat. No.	L x W (mm)	For cells	Type	Units/ box	€/ box
140537	22 x 22	Simple	Malassez, Neubauer, Thoma, Fuchs-Rosenthal, Lemaur, Agasse Lafont	10	**N/A -**
140536	20 x 26	Double	Malassez, Neubauer, Thoma, Fuchs-Rosenthal, Lemaur, Agasse Lafont	10	**N/A -**
140583B*	22 x 32	Double	Nageotte	100	**N/A -**
900596*	30 x 30	Double	Nageotte	100	**N/A -**

* Thickness no. 1

High definition Neubauer counting cells

- **High precision cells for in-vitro diagnosis with black or clear count line**
- **V-slash system facilitates capillary deposition and reduces the risk of spillage**
- **Approved for in vitro diagnostic use, CE / IVD marking according to Directive 98/79/EC**

Cat. No.	Type	Colour of count line	€
900504	Improved Neubauer	Black	**N/A -**
900505	Improved Neubauer	Clear	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

E-counter colony counter



- Use Sharpie markers
- Each press of the marker tip increments the digital counter
- Possibility of counting by zone (1 to 9 delimited on a Petri dish) to sum up the count of all zones
- Can be used with or without an acoustic signal
- Automatically switches off after 10 minutes of non-use
- The E-counter is kept on its vertical stand with the Sharpie marker inserted and capped
- Supplied with a CR1225 button cell battery, a stand

Cat. No.	Description	€
037809	Colony counter	N/A -
098442	Spare battery CR 1225	N/A -

Stuart CS6PLUS Colony Counter

Manual colony counter, with LED lighting.
Each press on the Petri dish will start the counting and increment from 0 to 999.



Magnifier not included, available as accessory.

- Data transfer to a PC via the supplied USB cable
- Top and bottom illumination with an LED lamp to avoid glare and heat transfer
- Supplied with a Wolffhuegel graticule, a centring disc for easy reading with 50-90 mm Petri dishes, and a black background to improve visualisation of transparent colonies
- Beeps each time it is pressed
- Can be fitted with a magnifying glass for better viewing (to be ordered separately)
- Biocote anti-microbial coating

Cat. No.	Description	€
001800	Colony Counter SC6PLUS without magnifying glass	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
001175	Magnifying glass 1.7 x for SC6PLUS	1	N/A -
491116	Magnifying glass 3 x for SC6PLUS	1	N/A -
491117	Wolffhuegel grid	10	N/A -
491118	Centering adapter for SC6PLUS	2	N/A -
491119	Set of 5 protective discs for SC6PLUS	5	N/A -
491120	Box holder	1	N/A -

SCAN 100 manual colony counter



Supplied complete with:
- Petri dish adapter ø 90 mm;
- white background;
- USB connection cable;
- power cable;
- user's manual.

Magnifying glass not included, to be ordered separately.

- Uniform illumination with long-life LEDs (dark field technology)
- Data transfer via USB (Word, Excel, Note Pad...)
- Stainless steel, compact (25 cm wide)
- Petri dish diameter: 55, 65, 90 and 150 mm
- Multifunction digital display
- Counting: from 0 to 1999 CFU
- Adjustable count signal volume
- Adjustable pressure sensitivity
- Ergonomic hand rest for maximum comfort
- Practical and accessible storage drawer
- Can be used with any pencil
- Dimensions: 31 x 25 x 17 cm / Weight: 5.2 kg

Cat. No.	Description	€
150322	SCAN 100 manual colony counter	N/A -
150330	Magnifying glass with flexible arm for SCAN 100	N/A -
150346	Multi-media adapter for reading PetriFilm™, Sanita-kun™ or Compact Dry™	N/A -

Schuett colony counter

The Schuett colony counter is suitable for reliable and efficient counts:
- of bacterial colonies on Petri dishes;
- of phage plates developed on agar;
- of bacterial colonies grown on nutrient discs.



- **3 lighting modes: bottom, sides, top (optional)**
- **Counting of up to 99 individual series and 32 500 colonies and calculation of averages**
- **Data transfer to PC via USB**
- **Very high transparency of the colonies thanks to LED lighting, heat transfer to the sample is almost zero**
- **4-digit digital display**
- **Dimensions (L x H x D): 260 x 130 x 250 mm**
- **Height with adjustable magnifier/lamp: approx. 300 mm**
- **Magnification: 3 x or 8 x (optional)**
- **Size for Petri dishes: 50-60, 90-100 or 140-150 mm (optional)**
- **Counting tone: yes (adjustable)**
- **Weight: 1.5 kg**
- **Counter supplied with marker, 90 mm diameter Petri dish adapter, black contrast disc**

Can be used with a pen tip; pressure applied to the Petri dish triggers the count and performs the increment from 0 to 9999.

Easy correction mode using arrow keys.
For counting large numbers, the reading is facilitated by a Wolffhuegel disc (optional).



See our other lamp models - magnifiers: page 1421 to 1425

Cat. No.	Description	€
110591	Colony counter	N/A -
110592	Magnifying glass 3 x	N/A -
110593	Magnifying glass 8 x	N/A -
110594	LED lamp	N/A -
110595	Adapter for Petri dishes ø 50 - 60mm	N/A -
110596	Adapter for Petri dishes ø 140 - 150mm	N/A -
110597	Black and white guide disc for spiral spreading	N/A -
110598	Wolffhügel black and white disc	N/A -
110599	Counting needle	N/A -
150592	Marker	N/A -

Galaxy 330 colony counters

- **Counting by pressing on the Petri dish with a pen**
- **Display of the current and previous three counts**
- **Average calculation over several counts**
- **Backspace button in case of overcount**
- **Petri dishes from Ø 90 to 150 mm or 60 mm can be counted**
- **886055: version including the software pack for saving, printing and exporting data in excel format (csv file)**



	Colony counter only	Colony counter with software package
Cat. No.	886054	886055
€	N/A -	N/A -

Accessory

Cat. No.	Description	€
886057	Software pack with USB cable and 8 GB USB stick	N/A -

Cellcounter cell counter

- **3.5" TFT colour display**
- **5 function keys, 15 keys and 4 counting programs**
- **A freely programmable key**
- **Actual or percentage count**
- **Dimensions: 130 x 235 x 35 mm**
- **USB power supply with 5 V DC adapter included**



Cat. No.	Description	€
900621	Cellcounter cell counter	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Lamp - desk Magnifying glass to stand or clamp



- Magnifications: 2.25 x and 4 x
- Lens Ø 90 mm and double focus Ø 20 mm
- Illumination: 2200 lux
- Light intensity: 550 lumens
- Table lamp, or vertical or horizontal clamp fixing
- Touch power on/off
- 25 cm articulated arm
- Power supply: 6 W (incl. 230 VAC - 12 VDC adapter)

Cat. No.	Description	€
098497	Lamp - desk Magnifying glass to place / to clamp	N/A -

Cell counters



- 5- or 8-key model, Reset button
- Ideal for leukocyte counts
- Includes a totalization dial, increment: 1 to 999 per channel

Cat. No.	Number of keys	Of which one totalization key	€
068497	5	Yes	N/A -
068498	8	Yes	N/A -

Manual counters



- Hand-held counter with buttons, chrome-plated metal body
- 4 digits with general reset
- Adds one unit to each press

Cat. No.	Type	Number of counters	€
045320	Hand-held with ring	1	N/A -
045321	On base	1	N/A -
053205B	On base	2	N/A -
053206B	On base	3	N/A -
053207B	On base	4	N/A -
053208B	On base	5	N/A -
098468	On base	10	N/A -

Score 506 manual counter



- 5-key model + totalizer
- Direct reading of 5 counters + totalizer
- Blocking and beeping at 100 counts
- Possible increase during counting
- Last keystroke correction button
- Result key for the number of items in percent
- LCD display

Dimensions L x D x H (mm)	255 x 135 x 40
LCD display dimensions (mm)	150 x 17
Net / gross weight (kg)	0.8 / 2.1
Power supply	230 V - 50/60 Hz
Cat. No.	**195501**
€	**N/A -**

Score 724 counter



- 24 user-definable keys
- 6 keys configurable as event counter not counted in the formula
- Blocking and beeping at the programmed number
- Result of the number of items as a percentage
- Storage of files by number
- Correction of last keystrokes
- Possible increase during counting
- LCD display
- Delivered with a USB key

Dimensions L x D x H (mm)	200 x 250 x 40
LCD display dimensions (mm)	120 x 70
Net / gross weight (kg)	1.03 / 2
Power supply	230 V - 50/60 Hz
Cat. No.	**195502**
€	**N/A -**

Round mechanical timer 60 minutes

- Countdown 60 min.
- To place / To hang / Magnet
- Dimensions: 90 x 90 mm
- Weight: 100 g



Cat. No.	Description	€
053266	60 minute mechanical timer	N/A -

Mechanical table timer 120 minutes

- Single mechanical down counter
- Without battery
- No need for winding before use
- L x H x D: 72 x 72 x 50 mm



Cat. No.	Description	€
045529	Timer 120 minutes	N/A -

60 minute mechanical timer

- Timer 60 minutes
- Yellow and white
- With handle and magnet
- Dim.: 70 x 40 x 70 mm
- Weight: 108 g



Cat. No.	Description	€
090003	60 minute mechanical timer	N/A -

Up/down counter 100 minutes

- Up/down counter
- Exterior in brushed anti-corrosion aluminium
- Alarm 1 min / memory
- Timer with memory function
- Capacity: 100 min per second
- Convenient to place standing, magnetic or wall mounted
- Screen: 47 x 20 mm (digits: 17 mm)



Cat. No.	Description	€
095319B	Up/down counter 100 minutes	N/A -
095370	AAA batteries	N/A -

Quartz tabletop counter

- 2 divisions 60 minutes /100 min
- Observation: 1 to 60 seconds
- Luminous digits and pointers
- Totalizer 60 min
- R6 battery operated
- L x W x D: 175 x 130 x 49/95 mm



Cat. No.	Description	€
045318	Quartz counter	N/A -
045319	Battery R6	N/A -

Mechanical rotary timer

- 60 minute mechanical rotary timer
- Red rotating display disc
- Grey ABS case, acrylic “glass”
- Magnetic
- Dim. Ø x D: 79 x 33 mm
- Optional red stand:
  - in red lacquered steel with magnet
  - dimensions: 120 x 55 x 95 mm
  - weight 200 g



Cat. No.	Description	€
253029	Mechanical timer 60 min	N/A -
963181	Red lacquered steel stand	N/A -

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Digital tabletop counter 2 down counters



- Capacity: 10 h to 1/10e sec, 10 000 mn to 1/100e mn
- Counter/2 independent/ combined/repetitive countdowns
- 3 beeps before the end of the cycle
- 100 dB
- Clock
- Digits: 20 mm
- ABS case
- Dim: 180 x 130 x 49/95 mm
- Weight: 390 g
- AAA battery

Cat.No.	Description	€
053288	Digital tabletop counter 2 down counters	N/A -
095705	Spare battery 1.5 V R03 (10 units)	N/A -

2 or 4 channel timers



- 2 or 4 independent or simultaneous channels
- Capacity: 24 hrs
- Exceeding time limit
- Screen size: 115 mm
- Weight: 390 g
- Batteries: 2 x AA (R6)

Cat.No.	Description	€
090001	Prisma 200 white 2-channel timer with batteries	N/A -
090002	Prisma 400 white 4-channel timer with batteries	N/A -
045319	Spare battery 1.5 V R6	N/A -

Tabletop hourly and decimal up/down counters



- Capacity: 24 h - per sec.
- 100 min - 1/100th sec
- 10 000 sec - 1/100th sec
- 2 000 min - 1/100th min
- Net time / intermediate
- Time of 1st and 2nd
- Countdown/memory
- Exceeding time limit
- Clock / alarm
- Dimensions: 165 x 95 x 67 mm
- Weight: 350 g
- Battery R14

Cat. No.	Description	€
053289	Counter 2 hourly and decimal 24 hour down counters	N/A -

Manual pulse counter



- 5-digit counter
- Up/down counting or staggered counting functions, reset
- Dimensions L x D x H: 55 x 20 x 90 mm
- Weight: 40 g
- Battery LR 44

Cat. No.	Description	€
095395	Manual pulse counter	N/A -

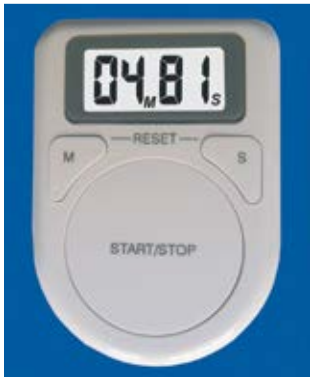
Pulse counter with digital display



- Digital
- ABS plastic case
- 5 digits on 30 x 40 mm display
- Reset
- Increment
- Battery: LR44 1.5 V

Cat. No.	Description	€
098427	Digital hand pulse counter	N/A -
095304B	LR 44 button cell battery (2 units)	N/A -

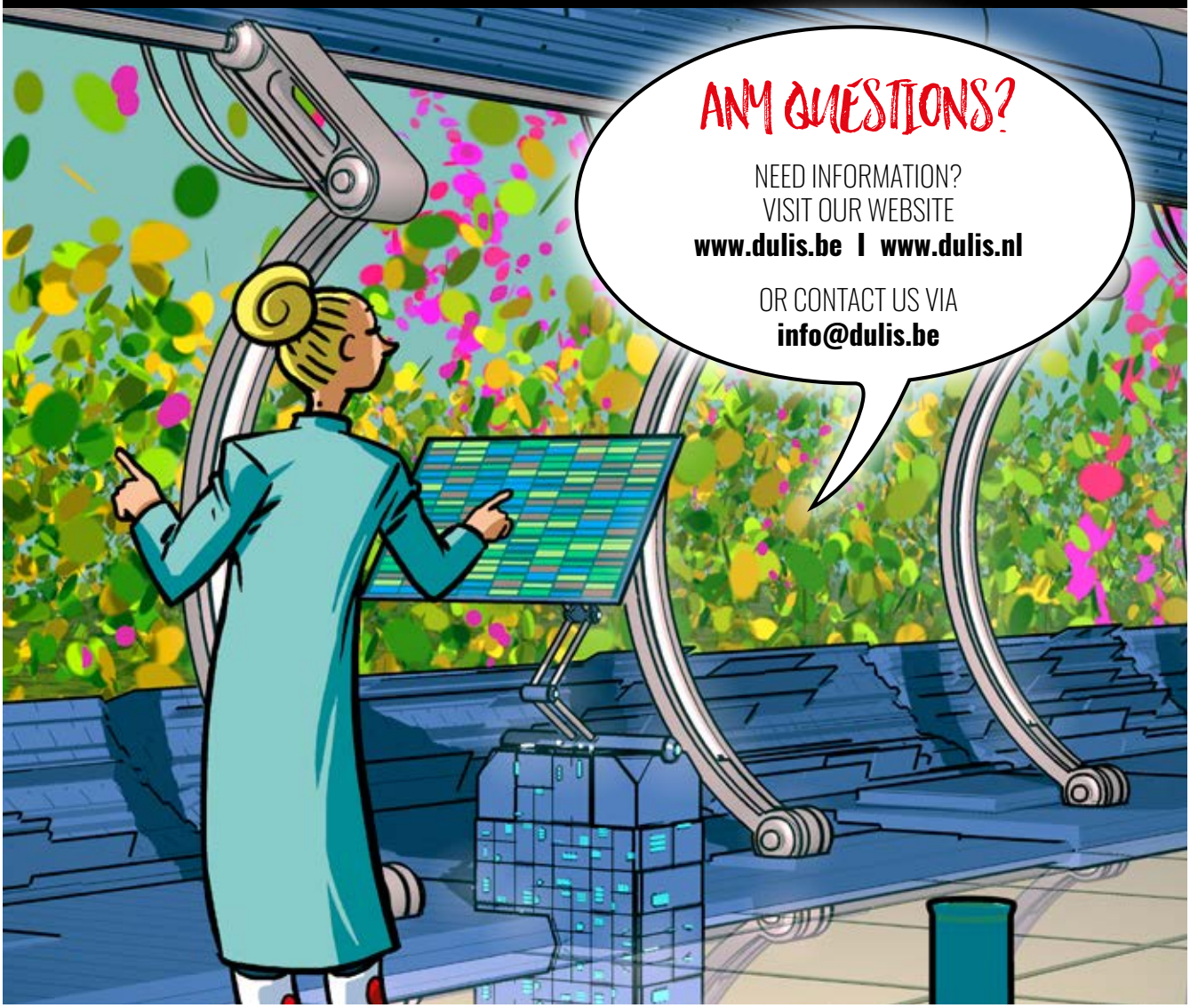
Miniature up/down counter



- Alarm 30 s / Memory
- Capacity 100 min / sec
- Clamp/Magnet
- Display 18 x 9 mm
- Digits: 7 mm
- Dim.: 57 x 40 x 12 mm
- Weight: 40 g
- 357 battery

Cat. No.	Description	€
095373	Miniature up/down counter	N/A -
095304B	Batteries LR 44 (2 units)	N/A -

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Pocket down counter/ timer 100 h



- Up/down counter / 4 independent channels
- Max time: 100 hrs
- Resolution: 1 sec.
- Clock / alarm
- Magnet / Clip
- Height digits: 6 mm
- Dim. 61 x 71 x 25 mm
- Battery: LR44 1.5 V

Cat.No.	Description	€
037867	Pocket down counter/timer	N/A -
095304B	Batteries LR 44 (2 units)	N/A -

Counter/3 down counters



- 3 independent screens
- Clock / Stopwatch / 3 countdowns 20 h to sec
- Independent or simultaneous starts
- Exceeding time / Memories
- Stand / Magnet / Mounting bracket
- Dimensions: 120 x 101 x 20 mm
- Weight: 210 g
- Batteries: AAA

Cat.No.	Description	€
089440	Counter / 3 down counters	N/A -
095705	Spare battery 1.5 V R03 (10 units)	N/A -

Lab Alert Triple Timer 20 h



- Up/down counter / 3 independent or simultaneous channels
- Memory recall
- Max time: 20 hours
- Resolution: 1 sec.
- Clock / alarm
- Height digits: 10.5 mm
- Dim.: 86 x 66 x 22 mm
- Battery: AAA 1.5 V

Cat.No.	Description	€
037871	Triple Timer	N/A -
095705	Spare battery 1.5 V R03 (10 units)	N/A -

Dual large timer, 24-hour



- Down meter / 2 channels
- Simultaneous display clock / timer
- Max time: 24 hours
- Resolution: 1 sec.
- Clock / alarm
- Height digits: 25.5 mm
- Dim. 142 x 97 x 20 mm
- Battery: AAA 1.5 V

Cat.No.	Description	€
037869	Dual large timer	N/A -
095705	Spare battery 1.5 V R03 (10 units)	N/A -

ClearLine® ClearTime I Timer



- Up/down counter
- Fast increment
- 30 sec. alarm
- Capacity: 100 min /sec
- Screen: 27 x 12 mm
- Digits: 10 mm
- Dimension: 62 x 52 x 24 mm
- With stand and magnet

Cat.No.	Description	€
257091	ClearTime I timer	N/A -
095304B	LR 44 button battery (2 units)	N/A -

4-channel timer with rewritable whiteboard



- 4-channel
- Timer and stopwatch function
- Timer to 23 h 59 min
- 1 minute increments for countdown
- Audible alarm
- Foldable stand or magnetic attachment

Dim W x L x H (mm)	114.3 x 25.4 x 88.9
Whiteboard Dim. W x H (mm)	61 x 68.9
Display Dim. W x H (mm)	43.2 x 53.3
Battery	2 x AAA
Cat. No.	**086733**
€	**N/A -**

4-channel down counter

- Up to 4 counters and/ or 4 countdowns 4 alarms 1' / 4 memories
- Capacity: 100 hrs
- Countdown in 1 sec intervals
- Clock / Alarm / Snooze function
- Exceeding time limit
- Display 50 x 21 mm
- Digits height: 20 mm
- Stand / Clip / Magnet
- Dim: 73 x 65 x 15 mm / 70 g



Cat.No.	Description	€
095364	4-channel down counter	N/A -
095304B	LR44 button battery (2 units)	N/A -

Jumbo Timer

- 2-simultaneous channel down counter 24-hour (per second)
- 24-hour down counter (per second)
- Clock
- 4 simultaneous displays, 2 memories
- 2 alarms 1 minute
- Exceeded time countdown after alarm
- Table stand
- L x H x D: 95 x 140 x 15 mm



Cat.No.	Description	€
045305	Jumbo Timer	N/A -
095705	Spare battery 1.5 V R03 (10 units)	N/A -

Triple Timer

- 3 alarms 1' / 3 memories
- Capacity 20 h / 1/100e sec
- Countdown in 1 sec intervals
- Exceeding time limit
- 3 times memorization
- Different audible alarm for each channel
- Clock
- Stand / Magnet
- Screen: 47 x 41 mm
- Dim.: 65 x 85 x 25 mm
- Weight: 100 g
- Supplied with 2 LR44 batteries



Cat.No.	Description	€
045307	Triple Timer	N/A -
095304B	Battery LR44 (2 units)	N/A -

20-hour digital up/down counter with flashing or audible alarm

- Audible, vibrating or illuminated alarm
- Hour/minute or minute/second countdown
- Capacity: 19 h 59 or 99 min 59 sec
- Magnet and fixing clip
- Dim.: 75 x 48 x 31 mm
- Weight: 110 g
- Batteries 2 x AAA



Cat. No.	Description	€
095390	Up/down counter with alarm	N/A -

Dual up/down counter



- 2 alarms 1' / 2 memories
- Capacity 24 h / sec
- Up Counting (or down-counting) on 2 channels only
- Exceeding time limit
- ABS case
- Screen: 45 x 20 mm
- Clock / Alarm / Delayed alarm every 5 minutes (Snooze)
- Stand / Clip / Magnet
- Digits: 15 mm
- Dimensions: 90 x 65 x 20 mm
- Weight: 80 g
- Battery LR03

Cat.No.	Description	€
053265	Dual up/down counter	N/A -
095705	Spare battery 1.5 V R03 (10 units)	N/A -

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Up/down counter - 2 channels



- Up to 2 up or down counters on 2 display lines
- Maximum capacity: 100 h with one second intervals
- Exceeding the time limit
- 2 alarms 1' / 1 memory per channel
- Adjustable noise level
- Warning light: green (counting down) / red (elapsed)
- Stand / Clip / Magnet
- Display: 17 mm
- Dimension: 90 x 76 x 20 mm / Weight: 85 g
- Batteries: 2 x AAA (supplied)

Cat.No.	Description	€
098472	Up/down counter - 2 channels	N/A -
095370	AAA battery	N/A -

3-Memory Up/down counter



- Up/down counter function
- Capacity 100 min with 1 s resolution
- Exceeding the time limit
- 1 alarm 1' / 3 memories
- Adjustable noise level
- Warning light: green (counting down) / red (elapsed)
- Stand / Clip / Magnet
- Large display: 26 mm
- Dimensions: 90 x 60 x 20 mm / Weight: 70 g
- Batteries: 2 x AAA (supplied)

Cat.No.	Description	€
098473	Up/down counter - 3 memories	N/A -
095370	AAA battery	N/A -

Radio-controlled quartz wall clock



- Black ABS case
- 7 languages: French, English, German, Italian, Spanish, Danish, Dutch
- Inner temperature
- Summer/winter time change
- Wall mounting or free standing
- Dimensions: 227 x 180 x 30 mm / Weight: 400 g

Cat.No.	Description	€
098443	Radio-controlled quartz wall clock	N/A -
045319	Battery 1.5 V R6	N/A -

Diode clocks



6-digit display



4-digit display

- Black ABS case
- Wall mounting
- Fixed or alternating display of time and date
- Red LED display as standard; optional green or blue LEDs
- Supplied with an infrared remote control with a range of 10 m
- 30 programmable alarms with relay output (optional buzzer)
- IP67 waterproof: suitable for outdoor use under cover
- Optional room air temperature sensor and synchronisation antenna
- Power supply 220 V - 50 Hz

Red LEDs							Options			
							Leds green		Leds blue	
Cat.No.	Digits Number	Digits size(cm)	Legibility (m)	Dimensions L x W x D (mm)	Weight (kg)	€	Cat. No.	€	Cat. No.	€
098492	4	10	40	350 x 185 x 45	1.5	N/A -	098517	N/A -	098518	N/A -
098511	4	20	70	630 x 300 x 45	3	N/A -	098519	N/A -	098520	N/A -
098512	6	10	40	510 x 185 x 45	2	N/A -	098521	N/A -	098522	N/A -
098513	6	20	70	920 x 300 x 45	4	N/A -	098523	N/A -	098524	N/A -

Options compatible with all models

Cat.No	Description	€
098514	2 m synchronisation antenna for automatic summer/winter time change	N/A -
098516	2 m temperature sensor from -50 °C to +100 °C	N/A -
098515	88 dB alarm buzzer and relay output connection	N/A -

Clock diameter 250 mm

- Ø 250 mm / Legibility 15 m
- Aluminium case / Mineral glass
- Quartz movement
- Radio control / Summer/winter time changeover
- Weight: 620 g
- Battery: AA



Cat.No	Description	€
053291	Metal alu clock, mineral glass, diameter: 250 mm	N/A -
045319	Spare Battery AA	N/A -

Timer with snap hook

- Scalable alarm:
  - 4 beeps at 10 min
  - 8 beeps at 50 sec
  - 1' at the end of the cycle
- Capacity 20 h/sec
- Clock
- Screen: 18 x 9 mm
- Digits: 7 mm
- Battery LR44
- Dimensions: 80 x 38 x 20 mm
- Weight: 40 g



Cat.No	Description	€
045306	Timer with snap hook	N/A -
095304B	LR44 button battery (2 units)	N/A -

15 and 30 minute mechanical chronometers

- Totalizer: 15 or 30 minutes depending on model
- Resolution: 1/5e, 1/10e or 1/100e depending on model
- Start/Stop
- Reset by side pushbutton
- Start/Stop via the crown
- Addition function
- Polished metal case, plastic crystal
- Diameter: 50 mm
- Weight: 96 g



Cat.No.	Totalizer	Resolution	€
095312	15 minutes	1/10e sec	N/A -
095308*	30 minutes	1/5e sec	N/A -
095310	30 minutes	1/5e sec	N/A -
095315	30 minutes	1/100e min	N/A -

* The Cat. No. 095308 has a single on-off-reset button, without time accumulation.

Waterproof digital chronometer

- Economic
- Waterproof (3 ATM)
- Large digital display
- Counting to 100th of a second, over 10 minutes
- SPLIT and LAP functions
- Extended immersion (30 min), IP 67
- Dimensions W x D x H (mm) 65 x 18 x 75
- Weight: 50 g



Cat. No.	Description	€
095394	Waterproof chronometer	N/A -

ClearTime II ClearLine® Timer



- Up to 2 counters and/or 2 down counters
- Clock, alarm, snooze functions
- Fast incrementing
- 2 alarms 1 mm
- Capacity: 24 hours per second
- Exceeding time
- Screen: 40 x 17 mm
- Digits: 15 mm
- Dimension: 67 x 55 x 20 mm
- With stand, clamp and magnet

Cat.No.	Description	€
257092	ClearTime II timer	N/A -
095304B	LR 44 button battery (2 units)	N/A -

Economic chronometer

- Stopwatch 24 h 1/100
- Simple time, time addition, split
- Time and calendar
- Waterproof



Cat.No.	Description	€
045315	Economic chronometer	N/A -
045322	Battery CR2032	N/A -

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Digital stopwatch with 30 memories



- 10 hour capacity with 1/1000 secind resolution
- 2 display lines, height 9 mm
- 30 memories: intermediate SPLIT time (elapsed since the start) or LAP time (between intervals)
- Up to 99 intermediate measurements
- Countdown
- Automatic switch-off after 30 minutes
- Silent mode
- Dimensions: 75 x 60 x 20 mm
- Weight: 100 g
- Waterproof 1 ATM
- Operates with 2 LR44 batteries in parallel

Cat. No.	Description	€
098494	Digital stopwatch with 30 memories	N/A -

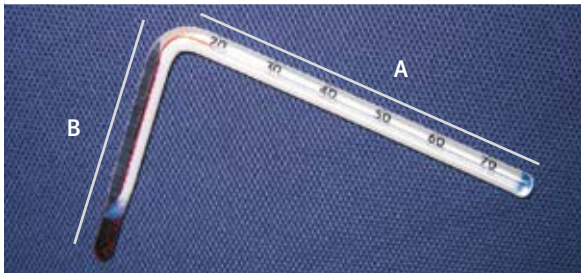
Digital chronometer 1 display line



- Counting over 24 hours from 1/100th sec to 30 min and per second from 30 min to 24 h
- Times of the 1st and 2nd arrivals
- Net time
- Intermediate time «Split»
- Start/stop sound
- Clock / calendar
- Alarm (alarm clock)
- ABS case
- Photovoltaic cell
- Solar energy/Internal battery
- Works even in low light
- Dim: 70 x 55 x 17 mm / Weight: 90 g

Cat.No.	Description	€
098423	Solar powered stopwatch	N/A -

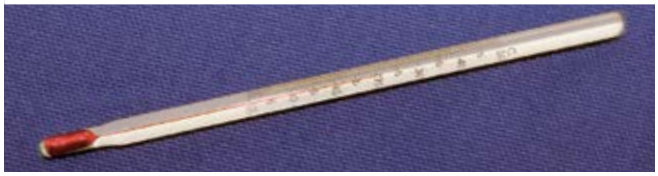
Angled thermometer



- For temperature control of baths
- Red liquid
- +20 °C to +70 °C
- Dimensions: A = 110 mm; B = 65 mm

Cat. No.	Description	€
069668	Angled thermometer	N/A -

Red liquid rod thermometer



- Diameter: 6/7 mm
- Length: 180 mm
- Red liquid
- -10 °C to +50 °C

Cat. No.	Description	€
022555	Rod thermometer -10 °C to +50 °C	N/A -

Mercury-free clinical thermometer



- Environmentally friendly, mercury-free, composed of gallium, indium and tin
- Delivered in a rigid case, to be disinfected by immersion
- Highly accurate (± 1/10 °C), for temperature measurements from 37 to 41 °C

Cat. No.	Description	€
794063	Mercury-free thermometer	N/A -

Analogue metal thermometer



- For indoor use
- Temperature: - 30 to + 50 °C
- Resolution: 1 °C
- White metal
- Dimensions: 205 x 40 x 9 mm
- Weight: 40 g

Cat.No	Description	€
253362	Analogue metal thermometer	N/A -

Glass cooking thermometer



- Glass
- Temperature: - 10 to + 100 °C
- Metal case
- L: 150 mm
- Weight: 20 g

Cat.No	Description	€
053302	Glass cooking thermometer	N/A -

Bio-Temp rod thermometers

- On yellow enamelled rod
- The blue printed scale and immersion indication on the back are completely indelible and resistant to chemical agents
- In partial immersion thermometers a line and arrow indicate the immersion level
- The triangular suspension ring prevents the thermometer from rolling away even on flat surfaces
- The blue liquid column facing the yellow stem provides exceptional reading clarity
- The scales are adapted to cover the most commonly used temperature ranges, with 0.1 °C and 0.2 °C subdivisions possible
- Filled with an environmentally safe blue organic liquid
- Highly resistant, stackable individual packages made of recyclable plastic allows for easy storage of instruments







PVC protection features

- Completely safe thermometers
- With magnifying effect
- Very robust, more economical than Teflon thermometers

General use

Cat. No.	Scale (°C)	Divisions (°C)	Long. (mm)	Accuracy (°C)	Immersion	€
022519	-10 + 250	1	405	3	76 mm	N/A -
022518	-20 + 150	1	305	2	Total	N/A -
022517	-20 + 150	1	305	2	76 mm	N/A -
022516*	-20 + 110	1	305	2	Total	N/A -
022515	-20 + 110	1	305	2	Total	N/A -
022513	-20 + 110	1	305	2	76 mm	N/A -
022512	-50 + 110	1	305	2	76 mm	N/A -
022511	-50 + 110	1	305	2	Total	N/A -
022510	-100 + 30	1	305	2	76 mm	N/A -
022508	-10 + 110	0.5	305	1	Total	N/A -
022507	-10 + 110	0.5	305	1	76 mm	N/A -
022506	-10 + 60	0.5	305	1	Total	N/A -
022505	-10 + 60	0.5	305	1	76 mm	N/A -
022504	-1 + 101	0.2	460	0.6	Total	N/A -
022503	-1 + 51	0.2	460	0.6	Total	N/A -
022502	-1 + 101	0.1	610	0.5	Total	N/A -
022501	-1 + 51	0.1	460	0.5	Total	N/A -

* 6 units, in sealed blister pack

Teflon protection

Cat. No.	Scale (°C)	Divisions (°C)	Long. (mm)	Accuracy (°C)	Immersion	€
022521	-1 + 101	0.1	610	0.5	Total	N/A -
022522	-1 + 51	0.2	460	0.6	Total	N/A -
022523	-1 + 101	0.2	460	0.6	Total	N/A -
022524	-10 + 250	1	405	3	76 mm	N/A -
022527	-20 + 150	1	305	2	Total	N/A -
022529	-50 + 110	1	305	2	Total	N/A -
022531B	-100 + 30	1	305	2	Total	N/A -
022532	-100 + 30	1	305	2	76 mm	N/A -

PVC protection

Cat. No.	Scale (°C)	Divisions (°C)	Long. (mm)	Accuracy (°C)	Immersion	€
022533	-20 + 110	1	305	2	Total	N/A -
022534	-20 + 110	1	305	2	76 mm	N/A -
022535	-50 + 110	1	305	2	Total	N/A -
022536	-50 + 110	1	305	2	76 m	N/A -
022537	-100 + 30	1	305	2	Total	N/A -

ABS minimum/maximum thermometer

- Temperature: - 35 to + 50 °C
- Max/mini memory
- ABS
- Dimensions: 230 x 60 mm
- Weight: 140 g



Cat.No	Description	€
053301	ABS minimum/maximum thermometer	N/A -

Multi-purpose glass thermometer - ABS sheath

- Glass / ABS sheath
- Temperature: - 10 to +120 °C
- Dimensions: 275 x 26 mm
- Weight: 60 g



Cat.No	Description	€
053303	Multi-purpose glass thermometer	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Giant classic thermometer



- Temperature: - 30 to + 50 °C
- ABS white
- Dimensions: 400 x 68 mm
- Weight: 140 g

Cat.No	Description	€
053297	Giant classic thermometer	N/A -

Pen thermometer



- Response time: 1 second
- Automatic shutdown: 10 min
- ON/OFF
- Delivered with case

Temperature range	- 50.0 °C to 300 °C
Resolution	0.1 °C
Accuracy	± 1 °C
Battery	357
Probe dimensions	Ø: 3.8 mm / L: 120 mm
Weight	60 g
Cat. No.	**098426**
€	**N/A -**

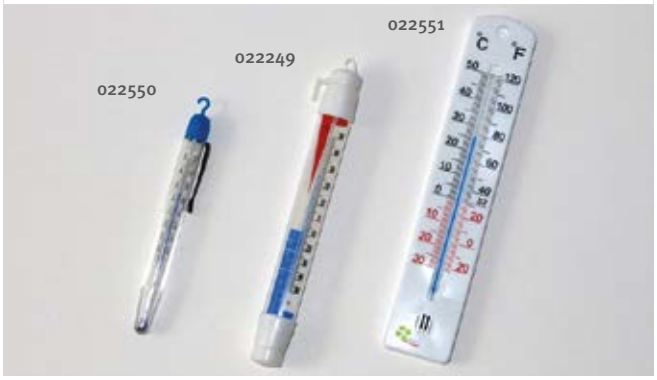
Refrigerator thermometer



- Red liquid thermometer
- ABS coated
- With refrigerator hook
- Temperature: -50 °C to +50 °C
- ø x H: 26 x 275 mm

Cat. No.	Description	€
045625	Refrigerator thermometer	N/A -

Plastic thermometers



Cat. No.	Model	Amplitude (°C)	Div.	€
022549	For freezers	-50 / +50	1	N/A -
022550	Thermo pen	-20 / +50	1	N/A -
022551	Wall thermometer 188x	-30 / +50	1	N/A -

Thermometers strips and stickers



- Thermometer strips and stickers are temperature-resistant self-adhesive labels
- They contain a heat-sensitive element
- Use to measure the temperature of a moving object or to make checks on small parts
- For maximum temperature control: use single-temperature self-adhesive stickers with temperature-sensitive element





Thermometers strips				Thermometers stickers				Thermometers stickers			
Temp. range	Cat.No	Units/ box	€/ box	Temp. range	Cat.No	Units/ box	€/ box	Temp. range	Cat.No	Units/ box	€/ box
+ 60 + 82 °C	057519	10	N/A -	+ 37 + 65 °C	057525	10	N/A -	+ 65 °C	057527	50	N/A -
+ 88 + 110 °C	057520	10	N/A -	+ 71 + 110 °C	057526	10	N/A -	+ 71 °C	057528	50	N/A -
+ 116 + 138 °C	057521	10	N/A -	+ 116 + 154 °C	057533	10	N/A -	+ 77 °C	057529	50	N/A -
+ 143 + 166 °C	057522	10	N/A -	+ 161 + 204° C	057534	10	N/A -	+ 82 °C	057530	50	N/A -
+ 171 + 193 °C	057523	10	N/A -	+ 204 + 260 °C	057535	10	N/A -	+ 110 °C	057531	50	N/A -
+ 199 + 224 °C	057524	10	N/A -	-	-	-	-	+ 121 °C	057532	50	N/A -

Precision thermometers Frio-Temp

- Available in certified and uncertified versions
- Traceability to NIST, DAkkS, and most ILAC standards
- Mercury-free, thermometer filling with organic liquid
- Enviro-Safe: bottle containing environmentally safe preservative fluid (except for 086728 and 086729, glass beads filling)
- PFA safety coating for increased chemical resistance
- Graduations: 0.1 °C
- Certified versions delivered with calibration report

Cat.No	Operating environment	Long. (mm)	Temp. range	Accuracy	Certification points	€
086720	Freezer	210	-25 to -5 °C	0.2 °C	Not certified	N/A -
086721	Freezer	210	-25 to -5 °C	0.2 °C	-20 °C , -10 °C	N/A -
086722	Refrigerator	180	-2 to 10 °C	0.2 °C	Not certified	N/A -
086723	Refrigerator	180	-2 to 10 °C	0.2 °C	0 °C , 5 °C	N/A -
086724	Incubator	180	15 to 30 °C	0.2 °C	Not certified	N/A -
086725	Incubator	180	15 to 30 °C	0.2 °C	20 °C , 25 °C	N/A -
086726	Incubator	190	25 to 45 °C	0.2 °C	Not certified	N/A -
086727	Incubator	190	25 to 45 °C	0.2 °C	30 °C , 40 °C	N/A -
086728	Oven	200	95 to 115 °C	0.4 °C	Not certified	N/A -
086729	Oven	200	95 to 115 °C	0.4 °C	100 °C , 110 °C	N/A -



Certified version - 2/10 °C

H-B Frio Temp thermometers

- To check the temperature of samples in refrigerators and / or Incubators
- The glass beads or the glycol used as thermal retarders allow to measure the real temperature of the samples while avoiding the contaminations
- Wireless thermometer with digital display
- Delivered with calibration documentation (ISO 17025)
- CE marking:
- Temperature range: 0 to 70 °C
- Accuracy: +/-0.5 °C / resolution: 0.1 °C
- Not suitable for ovens and freezers

Cat.No	Volume/ content	Probe Length (mm)	Dimensions (L x H) mm	€
947876	30 ml/glass beads	50	38 x 114	N/A -
947877	30 ml/glycol	50	38 x 114	N/A -
947878	60 ml/glass beads	75	38 x 133	N/A -



947877 947876 947878

Waterproof thermometer

- Temperature: -50 °C to +300 °C
- Accuracy: ± 1 °C / Resolution: 0.1 °C
- Stainless steel probe Ø 3.5 mm x 10 cm / ABS handle 8 cm
- IP67 waterproof case, probe and handle
- Unit: °C / °F
- Max / Mini / Hold functions
- Clamp / Stand
- Display 40 x 15 mm
- Dim.: 105 x 65 x 25 mm / 150 g
- AAA battery



Cat.No.	Description	€
095379B	Waterproof thermometer	N/A -
095705	Spare battery 1.5 V R03 (10 units)	N/A -

Pocket probe thermometer

- Temperature: -50 to +300 °C
- Accuracy: ± 1 °C up to 250 °C, ± 2 °C above
- Metal probe ø 4 mm, L = 100 mm, cable 450 mm
- Resolution: 0.1 °C
- Max/mini memory
- High/low alarm
- « Hold » function
- Auto power off after 1 hour
- Dim.: 85 x 45 x 15 mm
- Weight: 200 g
- Stand/clamp/wall mount
- AAA battery



Cat.No.	Description	€
095380	Pocket probe thermometer	N/A -
095705	Spare battery 1.5 V R03 (10 units)	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Magnetic dual indoor/outdoor thermometer



- Temperatures: -50 °C to +70 °C
- Accuracy ± 1 °C
- Max/mini memory
- Waterproof cable 3 m
- Immersion probe: ø 5.5 x 22.5 mm
- Stand / Magnet Wall mounting
- Battery: LR44
- Dimensions: 67 x 65 x 22 mm
- Weight: 45 g

Cat. No.	Description	€
095377B	Magnetic dual indoor/outdoor thermometer	N/A -

Dual indoor/outdoor thermometer



- Int./ext. Temperature: 0 °C to +60 °C (± 1 °C)
- Waterproof cable: 90 cm
- Waterproof probe: ø 7.3 m x 28 mm
- Stand / Wall mounting
- Dim.: 86 x 57 x 18 mm / 44 g
- Power supply: 2 x AAA batteries (not included)

Cat. No.	Description	€
098484	Dual Indoor/Outdoor Thermometer	N/A -
095705	Spare battery 1.5 V R03 (10 pieces)	N/A -

Dual indoor/outdoor thermometer with triple display



- Triple display: current, minimum and maximum temperature
- Max/mini memory
- Waterproof cable 3 m
- Immersion probe Ø 5.5 x H 22.5 mm
- Stand/magnet/wall mount

Temperature range (°C)	-50 to + 70
Resolution (°C)	0.1
Accuracy (°C)	1
Dimensions L x H x D (mm)	67 x 65 x 22
Weight (g)	45
Batteries	Battery LR44
Cat. No.	**963179**
€	**N/A -**

Indoor/outdoor thermometer



Dual display indoor/outdoor thermometer with max and min memory.

- Dual display screen
- Probe with 1 m cable
- Memory of maximum and minimum temperatures
- Temperature range: -50 °C to +70 °C / accuracy: +/- 2 °C / resolution: 0.1 °C
- Dimensions: 135 x 75 mm / weight: 75 g
- AA battery

Cat.No.	Description	€
053204	Dual display thermometer int/ext	N/A -
095705	Spare battery 1.5 V R03 (10 units)	N/A -

Dual thermometer 2041/2M

- Large display/ with indoor and outdoor temperature and temperature alarms
- Indoor temperature: 0 to + 50 °C
- Outdoor temperature: - 30 °C to + 70 °C
- Max / min functions
- Indoor and outdoor temperature alarms, high and low temperature
- Stainless steel probe 3 m cable
- Stand/wall mount



Resolution / Accuracy	0.1 °C / ± 1 °C
Battery	2 x AAA
Dimensions	110 x 80 x 15
Weight	230 g
Cat. No.	**098395B**
€	**N/A -**

Maxi-Mini Waterproof Thermometer

- Outdoor / Refrigerator / Freezer
- Temperature: - 50 to + 70 °C
- Resolution 0.1°
- Accuracy ± 1 °C
- Max / Mini
- Waterproof
- Stand / Wall mounting
- Dimensions: 115 x 75 x 44 mm
- Weight: 161 g



Cat. No.	Description	€
053269	Thermometer for outdoor, refrigerator or freezer	N/A -

Digital thermometer - hygrometer recorder

- Recording frequency Settings (sampling rate: 2 s - 24 h) and time
- Stand-alone, with USB connection for immediate data processing on a PC
- Direct download of recorded data (graph, text or table) via USB port, 1 m cable and software supplied
- Temperature or humidity alarm function, min/max
- Splash-proof (IP 54) with protective cover (sensor not sealed)
- Supplied with base, fixing screws and padlock



Thermometry	- 40 to + 70 °C	
	Resolution / Accuracy	0.1 °C / ± 0.5 °C
Hygrometry	0 to 100% RH	
	Resolution / Accuracy	0.1 % RH / ± 2 % RH
Dew point (software only)	**Resolution / Accuracy**	0.1 °C / ± 3 % RH, ± 1 - 2.5 °C
Recordings	**Memory**	32 000 measurements
	Intervals	2, 5 or 10 s
		1, 5, 10 or 30 mn
		1, 2, 3, 6, 12 or 24 hours
Dim. W x D x H (mm)	30 x 25 x 130	
Battery	Lithium, life span 3 years	
Cat. No.	**098415**	
€	**N/A -**	

Thermometer / hygrometer

- Stand or wall-mounted
- Batteries: 2 x AAA (not included)



T° range	0 to + 60 °C
T° accuracy	± 1 °C
Humidity range	10 to 99 %
Humidity accuracy	± 5 %
Dim. W x D x H (mm)	86 x 57 x 18
Weight (g)	38
Cat. No.	**098463**
€	**N/A -**

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Digital thermometer with probe



- Temperature: - 200 °C to + 850 °C
- Accuracy: ± 0.1 °C (18 to 28 °C, otherwise ± 0.3 °C)
- Max/Min and hold temperature functions
- Up to 10 memories
- Automatic ON/OFF
- Max. and min. temperature alarms
- Waterproof - IP67 standard
- PT 100 probe Ø 3.2 x 110 mm with 1.3 m cable
- Backlit display
- Dimensions (mm) 172 x 77 x 46
- Weight: 280 g
- 4 x AAA LR03 batteries
- Delivered with factory calibration certificate

Cat.No.	Description	€
098483	Digital thermometer with probe	N/A -

Spare PT 100 probe

Cat.No.	Description	€
098491	Spare PT 100 temperature probe	N/A -

Digital thermometer with removable probe



- Temperature: - 50 °C to + 200 °C
- Accuracy: ± 1 °C from - 19.9 °C to 119.9 °C /2 °C above
- Resolution: 0.1 °C
- Maximum / minimum temperature and hold functions
- Stainless steel probe Ø 3.8 x 110 mm with ABS handle 9 cm
- 1.3 m cable with 2.40 mm Ø sub-jack connection
- To be placed (stand) / to be hung (fixing hole) / magnetised (magnet on the back)
- ABS case
- Display 36 x 16 mm
- Automatic shutdown after 10 minutes of inactivity
- Dimensions (mm) 97 x 65 x 20
- Weight 150 g
- AAA battery included

Cat.No.	Description	€
098471	Digital thermometer with removable probe	N/A -

Thermometers with thermal retarder



Thermal retarder



098447



098449



098448B

- Ideal for limiting measured temperature variations
- Available in 5 versions
- Resolution: 0.1 °C
- Accuracy: ± 1 °C
- With minimum and maximum temperature alarm
- Thermal retarder consisting of a plastic bottle and 50 ml of an alcoholic solution (reference of the retarder alone: 963180)



098451



098450

Type	Thermometry	In/Out thermometer		Hygrometer thermometer	
Thermometer models	9290AT	9267AT	2041/2M	9221AT	9222AT
Int. Temperature range	- 50 to + 150 °C	- 50 to + 70 °C	- 0 to + 50 °C	- 50 to + 70 °C	
Ext. Temperature range	-	- 50 to + 70 °C	- 30 to + 70 °C	- 50 to + 70 °C	
Humidity display	-	-	-	20 to 100% RH	
Probe cable	1 m	Waterproof to 3 m	Waterproof to 3 m	3 m	
Probe Dimensions Ø x W (mm)	3 x 60	5.5 x 22.5	5.5 x 22.5	5.5 x 22.5	
Clock	No	No	No	Yes	No
Dimensions W x L x H(mm)	67 x 35	67 x 65 x 22	110 x 80 x 15	80 x 110 x 20	
Weight (g)	70	45	230	200	
Cat. No.	**098447**	**098449**	**098448B**	**098450**	**098451**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Dual wireless indoor/outdoor hygrometer

- Radio controlled clock
- Indoor temperature: -10 °C to +50 °C / accuracy ± 1 °C
- Outdoor temperature: -30 °C to +70 °C / accuracy ± 1 °C
- Hygrometer 1 % to 98 % RH / accuracy ± 3 % / resolution 0.1 °C, 1 % RH
- Maxi/Mini function
- Radio controlled clock / calendar
- Supplied with 1 temperature sensor 053248, 2 optional
- Stand / wall mounting
- AA station / AAA transmitter batteries
- Dimensions: 142 x 30 x 80 mm / Weight: 380 g



Cat.No.	Description	€
053247	Wireless Dual Hygrometer Thermometer	N/A -
053248	Temperature sensor	N/A -

Dual wireless indoor/outdoor thermometer

- Indoor temperature: -10 °C to +60 °C
- Outdoor temperature: -20 °C to +60 °C
- Resolution: 0.1 °C / Prec. ± 1 °C
- Max / Min functions
- Supplied with 1 Th transmitter
- Stand / Wall mounting
- Dim: 110 x 84 x 30 mm / 170 g
- Batteries: 2 x AA station / 2 X AAA transmitter (not included)



Cat. No.	Description	€
053242B	Dual wireless thermometer with sensor	N/A -

Dual indoor/outdoor thermometer + alarm

- Indoor T°: -10 °C to +50 °C
- Outdoor T°: -50 °C to +70 °C
- Resolution 0.1 °C
- Accuracy ± 1 °C
- Unit °C / °F
- Maxi/Mini functions
- High and low outdoor alarms
- Stainless steel probe, 1.7 m cable
- Stand / Wall mounting
- Dim.: 110 x 70 x 20 mm



Cat. No..	Description	€
053244	Dual thermometer + alarm	N/A -

Thermo-timers

- Timer and clock functions (91000-003/F model only)
- Maximum and minimum temperature alarm
- Model 91000-002/F: max/min memory function
- Model 91000-003/F: Tiltable screen, water resistant cable
- Delivered in blister



Model	91000-002/F	91000-003/F
Temperature	-50 °C to +300 °C -58 to +572°F	0 °C to +300 °C +32°F to +572 °C
Display resolution	0.1 °C	0.1 °C
Accuracy	± 1 °C (-20 °C to +100 °C) ± 2 °F (-4 °F + 212 °F) or ± 2 °C/± 4 °F	± 1 °C (0 °C à +150 °C) ± 2°F (+32 °F + 302 °F) or ± 3 °C/± 5 °F
Timer	99 min 59 sec	23 h 59 min 59 sec
Stainless steel probe dimensions L x Ø (mm)	150 x 3.5	150 x 4
Stainless steel cable size (mm)	1000	1000
Cat. No.	**022585**	**022586**
€	**N/A -**	**N/A -**

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Indoor/outdoor thermometer module



- Stand or wall-mounted
- Indoor / outdoor temperature: - 10 à + 60 °C / - 50 to + 70 °C
- Resolution 0.1 °C / Accuracy ± 1 °C
- 2.5 m immersion-proof wire probe
- Dimensions: 52 x 39 x 15 mm / Weight: 50 g
- Battery: LR44

Cat.No.	Description	€
053304	Indoor/outdoor thermometer module	N/A -
095304B	LR44 button battery (2 units)	N/A -

Indoor thermometer module



- Temperature: -5 to + 50 °C
- Unit: °C / °F
- Stand or wall-mounted
- Dimensions: 68 x 45 x 14 mm / Weight: 30 g

Cat.No	Description	€
053305	Indoor thermometer module	N/A -

Indoor/outdoor thermometer



- Temperature: - 30 to + 50 °C
- Resolution 0.1°/ Accuracy ± 1 °C
- Minimum and maximum values
- Stand mounting / On window (adhesive)
- Dimensions: 72 x 90 x 13 mm
- Weight: 65 g
- Battery: CR2032

Cat.No.	Description	€
053294	Indoor/outdoor thermometer	N/A -
045322	Battery CR2032	N/A -

Thermometer hygrometer USB key



Recording frequency and time settings
Immediate download by plugging the module into a PC's USB port and running the software (supplied in English).
Data in the form of graphs, tables or text can be printed, saved and exported to other applications.

- Temp: -40° to +70 °C / Resol. 0.1 °C / Acc. ± 1 °C
- Hygro.: 0 to 100% RH / Resol. 0.1% / Acc. ± 2% RH
- Lithium battery (Cat. No. 098440) / Battery life 3 years and 6 months continuous
- Analysis and evaluation software (in English)
- USB interface for direct PC playback
- Dew point measurement
- 32 000 memories
- Waterproof IP54
- Intervals: 1 sec to 24 h
- Max / Min / LED alarms
- D: 130x30x25 mm / 120 g

Cat.No.	Description	€
095378	Thermometer hygrometer USB key	N/A -
098440	Replacement battery for thermometer 095378	N/A -

Wireless Transmitter Receiver

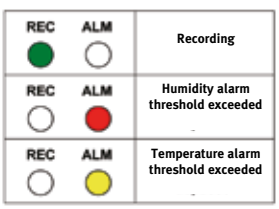


- Bluetooth™ data transfer to a Bluetooth™ device
- Transmission distance: 10 m
- Delivered with software for data processing and storage (for Android smartphone or Windows PC)
- 10 hours continuous operation
- Automatic sleep mode after 15 minutes of inactivity

Cat.No.	Description	€
098466	Wireless receiver transmitter for thermometer 095378	N/A -



Base



Electronic thermometer



Electronic thermometer with sound, memory, immersible, controlled and certified.

- **Digital display, temperature measurement between 32 °C and 43 °C**
- **Waterproof, can be disinfected by immersion**
- **In a transparent hard case**

Cat. No.	Description	Units/ box	€/ box
794060	Electronic thermometer	1	**N/A -**
794061	Thermosept thermometer case, non-lubricated	1000	**N/A -**
794062	Thermosept thermometer case, lubricated	1000	**N/A -**

Pocket Thermometer / Hygrometer



- **Temperature: 0 to +50 °C / ± 1 °C**
- **Hygrometry: 20 to 100 %RH / ± 3**
- **RH Resolution: 1/10 e**
- **Max / Min function**
- **Protective case**
- **Dimensions: 165 x 37 x 18 mm / 55 g**
- **Battery: CR2032**

Cat.No.	Description	€
053270B	Thermometer - hygrometer pen	**N/A -**
045322	Battery CR2032	**N/A -**

Refrigerator and freezer thermometer

- **-40 °C to +70 °C / resolution: 0.1 °C**
- **With timer to count down the overrun time**
- **Max/Min Data hold**
- **1 audible alarm + 1 light alarm**
- **Dual sensor, dual display, dual alarm**
- **Programmable alarms**



Cat. No.	Description	€
022553	Refrigerator and freezer thermometer	**N/A -**

Thermometer for refrigerator or freezer

- **Acoustic and light alarm for exceeding minimum / maximum temperatures**
- **-9.5° to -23 °C for freezer and 2° to 8 °C for refrigerator**
- **Dual display: indoor/ambient**
- **Display in °C or °F**
- **Supplied with AAA battery**
- **Velcro fastening**
- **Dimensions: 136 x 19 x 28 mm; probe: 5 (Ø) x 17 (mm); cable lenght: 0.9 m**



Cat. No.	Description	€
320531	Refrigerator and freezer thermometer	**N/A -**

Module thermometer for refrigerator

- **Refrigerator probe thermometer**
- **With programmable temperature alarm**
- **Battery LR44**
- **Suction cup mounting**



Thermometry	-50 to +150 °C	
	Resolution	0.1 °C
	Accuracy	1 °C
3 sec. alarm	Max/Min	
Probe	Ø 3 x 60 mm / cable 3 m	
Dim. W x D x H (mm)	67 x 35 mm	
Weight (g)	70	
Cat. No.	**095409B**	
€	**N/A -**	

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Folding probe thermometer



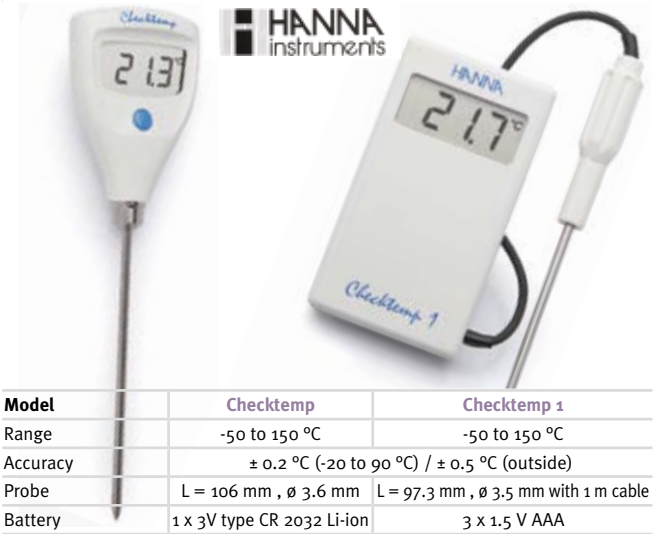
- Special food industry, HACCP and EN 13485 compliant
- IP65 waterproof enclosure (water jet)
- Stainless steel penetration probe, rotatable by 180
- Automatic switch-off
- Zero point calibration function

Temperature	- 40 °C to + 150 °C
Accuracy	+/- 0.5 °C from - 20 °C to + 140 °C, +/- 1 °C from - 40 °C to - 20 °C
Resolution	0.1 °C
Dimensions (mm)	116 x 38 x 20
Weight (g)	40
Probe dimensions Ø x W (mm)	3.2 - 2.6 x 60
Batteries	CR 2032
Cat. No.	**253749**
€	**N/A -**

Accessory

Cat.No.	Description	€
045322	Battery for Thermometer 253749	**N/A -**

Checktemp and Checktemp 1 precision thermometers



- Measurement accuracy ±0.2 °C from -20 to 90 °C
- CAL CHECK function at start-up to check the internal calibration and measurement accuracy of the instrument
- EN 13485 compliant
- Compact design case
- Silicone cable for prolonged use in negative cold and high temperatures (052028B)
- 106 mm fixed probe in food grade AISI 316 stainless steel
- Can be used in an atmosphere of -20 to 50 °C
- Water resistance IP 65
- HACCP applications
- Auto power off (after 8 or 60 minutes or disabled)
- Delivered with battery and holder

Model	Checktemp	Checktemp 1
Range	-50 to 150 °C	-50 to 150 °C
Accuracy	± 0.2 °C (-20 to 90 °C) / ± 0.5 °C (outside)	
Probe	L = 106 mm , ø 3.6 mm	L = 97.3 mm , ø 3.5 mm with 1 m cable
Battery	1 x 3V type CR 2032 Li-ion	3 x 1.5 V AAA
Dimensions / Weight	70.4 x 50.5 x 22 mm / 51.3 g	107 x 59 x 16.5 mm / 80 g

Cat.No.	Description	€
052028B	Checktemp pocket thermometer with fixed probe	**N/A -**
052026B	Checktemp 1 pocket thermometer with probe and 1 m cable	**N/A -**

Temperature indicator, magnetic fixing



- For continuous temperature monitoring of cold rooms, freezers and refrigerators
- Stainless steel food grade thermistor probe and 1 metre silicone cable for easy cleaning
- Cal-Check function to check the accuracy of the instrument
- Error message "ERR" to indicate the need to replace the battery
- Easy installation by magnet
- Large LCD display

Range	-50 to +150 °C
Resolution	0.1 °C
Accuracy	+/- 0.3 °C (-20 to +90 °C); +/- 0.5 (outside)
Calibration	Factory only
Calibration test	By switch on the front panel
Probe	40 x 5 mm stainless steel with 1 mm food grade cable
Battery	1 x 1.5 V AAA / 3 year life span
Environment	0 to +50 °C; RH 95%
Dim. / Weight	93 x 39 x 31 mm / 60 g
Cat. No.	**052393**
€	**N/A -**

Checktemp 4®Precision Thermometer



- Equipped with a folding probe
- Designed for laboratory and food industry applications
- Switching on by opening the probe and activating the automatic calibration status test
- Supplied with 1.5 V AA battery

Range	-50 to +220 °C (environment 0 to 50 °C / max. humidity 95 %)
Resolution	0.1 °C (-50 to 199.9 °C); 1 °C (200 to 220 °C)
Accuracy	+/- 0.3 °C +/- 1 character (-20 to 90 °C); +/- 1 % F.S. +/- 1 character (external)
Probe	Stainless steel, with penetration tip, ø x W: 3.5 x 117 mm
Dim. / Weight	165 x 50 x 20 mm / 100 g
Cat. No.	**052388B**
€	**N/A -**

HI 93510 Waterproof Thermistor thermometer

- **Compact thermometer,**
- **Waterproof**
- **Linearisation of measurements by microprocessor**
- **Interchangeable probe**
- **2-level display**
- **Ideal for remote temperature measurement**

Warranty: 3 years
Supplied complete with:
- a wrist strap;
- a HI 762 BL temperature probe;
- 1 meter cable;
- 3 batteries 1.5 V AA;
- Instructions for use.

Range	-50 to 150 °C
Accuracy	± 0.4 °C (-20 to 80 °C); ± 0.7 % F.S. outside, valid for one year, excluding probe error
Probe	HI 762BL interchangeable stainless steel probe with 1m cable (supplied)
Power supply	3 x 1.5 V AA / approx. 2000 hours of continuous operation Auto-off after 8 minutes.
Environment	-10 to 50 °C – RH 95 %
Dimensions	150 x 80 x 36 mm
Weight	235 g

Cat.No.	Description	€
052036	Thermistor thermometer	**N/A -**
052038	Test key -18 °C ± 0.4 °C	**N/A -**
052039	Test key 0 °C ± 0.4 °C	**N/A -**
052040	Test key 70 °C ± 0.4 °C	**N/A -**
052041	Shockproof case, blue	**N/A -**
052042	Shockproof case, orange	**N/A -**



HANNA Thermometers

- **Ergonomic design**
- **Waterproof**
- **Calcheck function: self-monitoring of the status of the electronics and the measuring accuracy of the instrument**
- **Stability indicator**
- **Stainless steel temperature probe with 1 m cable**
- **Model with or without fixed probe**



Range	-50.0 to 1350 °C	-50.0 to 400 °C	-50.0 to 400 °C	-50.0 to 150.0 °C
Resolution	0.1 °C (from -50.0 to 199.9 °C)	0.1 °C (from -50.0 to 199.9 °C)	0.1 °C (from -50.0 to 199.9 °C)	0.1 °C
Accuracy	± 2 °C (-50 °C to 1350 °C)	± 1 °C (-50 °C to 100.0 °C) ± 2 °C (remaining range)	± 0.5 °C (-50 °C to 100.0 °C) ± 1 °C (remaining range)	± 0.4 °C (-10 °C to 80.0 °C) with probe FC762 ± 0.8 °C (remaining range)
Probe	Immersion temperature probe with 1 m cable	Immersion temperature probe with 1 m cable	Fixed immersion temperature sensor with 1 m cable	523771: Immersion temperature sensor with 1 m cable
Standard	HACCP	EN13485; HACCP	EN13485; HACCP	EN13485; HACCP
IP	IP65	IP65	IP65	IP65
Calcheck function	√	√	√	√
Auto shutdown function	After 8 minutes; 60 minutes or off	After 8 minutes; 60 minutes or off	After 8 minutes; 60 minutes or off	After 8 minutes; 60 minutes or off
Batteries	3 x 1.5V AAA batteries	3 x 1.5V AAA batteries	3 x 1.5V AAA batteries	3 x 1.5V AAA batteries
Dimensions	140 x 57 x 28 mm	140 x 57 x 28 mm	140 x 57 x 28 mm	140 x 57 x 28 mm
Weight	178 g	178 g	178 g	178 g
Cat. No.	**523797**	**523799**	**523800**	**054476B**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessories

Temperature sensor	**523801**	**523804**	**-**	**523771**
€	**N/A -**	**N/A -**	**-**	**N/A -**
Shockproof case	**523803**	**523803**	**523772**	**523772**
€	**-**	**N/A -**	**N/A -**	**N/A -**
Test key - 18 °C	**-**	**-**	**-**	**052038**
€	**-**	**-**	**-**	**N/A -**
Test key 0 °C	**-**	**-**	**-**	**052039**
€	**-**	**-**	**-**	**N/A -**
Test key 70 °C	**-**	**-**	**-**	**052040**
€	**-**	**-**	**-**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Type K Thermocouple thermometer



Compact, waterproof thermometer for high temperature measurements up to 1350 °C.

- **Versatile: measuring range from -50 to 1350 °C and a wide range of conventional and special probes (optional)**
- **2-level display: current value and minimum and maximum values of a series of measurements**
- **HOLD function, to freeze a stable value on the screen**
- **Ergonomic waterproof case**
- **Thermometer delivered without probe**

Warranty: 3 years

Supplied with:
- 3 batteries 1.5 V AA;
- a box set.

Range	-50.0 to 199.9 °C; 200 to 1350 °C
Resolution	0.1 °C (until 199.9 °C); 1 °C (beyond)
Accuracy	± 0.2 % full scale (for 1 year, excluding sensor error)
Probe	HI 766 series, with thermocouple (optional)
Batteries / Lifetime	3 x 1.5 V AA / approx. 1600 h continuous use

Cat. No.	Description	€
052441	Type K Thermocouple thermometer	N/A -
524017	Flexible waterproof probe 1 m	N/A -
052054	Penetration probe	N/A -
052055	General purpose probe with 1 metre cable	N/A -
052041	Shockproof case, blue	N/A -

HI 144 Temperature logger



- **Robust and compact**
- **Easy to use**
- **Supplied with wall mounting**
- **Battery charge indicator**

Range	-30.0 to 70.0 °C
Accuracy	± 0.4 °C (- 20 °C to 60 °C); ± 0.6 °C (outside)
Calibration	At the factory
Memory	8000 max values
Intervals	Between 1 minute and 24 hours
Power supply	Battery CR2032
Battery life	About 2 years
Protection index	IP65
Dimensions (mm)	60 x 37 x 17

Accessory

Cat. No.	Description	€
524001	Interface for HI 144	N/A -

Cat. No.	Description	€
524000	HI 144 recorder with wall mounting and lock	N/A -
524002	HI 144 recorder supplied with interface, software, wall mounting and lock	N/A -

HI 148 Temperature logger



- **Robust and compact**
- **Easy to use**
- **Supplied with wall mounting, USB cable**
- **software to be dowloaded**

Model	HI 148-1	HI 148-2	HI 148-3	HI 148-4
Sensor	1 internal	1 external (1 m cable)	1 internal and 1 external (1 m cable)	2 external (1 m cable)
Range (internal sensor)	-20.0 to 60.0 °C	-	-20.0 to 60.0 °C	-
Accuracy (internal sensor)	± 0.4 °C (0 °C to 60 °C) ± 0.5 °C (outside)	-	± 0.4 °C (0 °C to 60 °C) ± 0.5 °C (outside)	-
Range (external sensor)	-	-40.0 to 125 °C		
Accuracy (external sensor)	-	± 0.4 °C (0 °C to 70 °C) ± 0.5 °C (-40 to 0 °C and 70.0 to 100.0 °C) ± 1 °C (beyond 100 °C)		
Memory	16000 max values		8000 per channel	
Intervals	Between 1 second and 24 hours			
Power supply	3 AAA Battery			
Battery life	About 2 years			
Protection index	IP67			
Dimensions (mm)	107 x 59 x 17			
Weight (g)	130			
Cat. No.	524003	524004	524005	524006
€	N/A -	N/A -	N/A -	N/A -

Testo Thermometers

Testo 104 waterproof thermometer with folding probe

- Robust, easy to handle, ideal for core and field measurements
- Waterproof (IP 65)
- Alarm and Auto-hold function
- Display of min/max values for recall of measured values
- Supplied with battery, operating instructions and certificate of conformity

Testo 106 Thermometer with fixed probe

- Robust, small, easy to handle, ideal for core and field measurements
- Alarm and Auto-hold function
- Version with TopSafe (protective case) certified according to EN 13485
- Supplied with battery, instructions for use

Testo 108 Waterproof thermometer

- Good accuracy
- Waterproof (IP 67)
- Supplied with battery, operating instructions and certificate of conformity

Testo 110 and 720 accuracy thermometers

- Very good accuracy
- Wide choice of probes for different applications
- TopSafe (shock and dust protection case)
- Printing possible (optional printer)
- Supplied with battery, operating instructions and certificate of conformity

Testo 440 Reference Thermometer

- Easy to use
- Accepts wireless probes, Bluetooth connection
- Large graphic display
- With data memory
- With probe 157127
- Measuring range: -80 to +300 °C
- Precision: ± 0.05 °C (0 to +100 °C)
  ± 0.3 °C (-80 to -40.001 °C)
  ± 0.1 + 0.05 % measured value(-40 to -0.001 °C)
  ± 0.05 + 0.05 % measured value (100.001 to +300 °C)

Model	104	106	108	110	720	440
						
Range	-50 to +250 °C	-50 to +275 °C	-50 to +300 °C	-50 to +150 °C	-100 to +800 °C	Depending on the probe
Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 / 0.001 °C(only with sensor 157127)
Accuracy*	±1.0 °C (-50 to -30.1 °C) / ±0.5 °C (-30 to +99.9 °C) / ±1 % v.m. (+100 to +250 °C)	±1 °C (-50 to -30.1 °C) / ±0.5 °C (-30 to +99.9 °C) / ±1%m.v. (+100.1 to +275 °C)	±0.5 °C (-30 to +70 °C) / ±0.5 °C ±0.5 % v.m. (remaining extent)	±0.2 °C (-20 to 80 °C) / ±0.3 °C (-50 to -20.1 °C) and (80.1 to 150 °C)	±0.2 °C (-100 to +199.9 °C) / ±0.2%m.v. (+200 to +800 °C)	Depending on the probe
Probe**	Fixed NTC probe, foldable	Fixed probe	Thermocouple type T (included)	NTC	NTC or Pt100	Digital or NTC or Thermocouple
Power supply	AAA batteries	Battery CR 2032 3V (x2)	Battery AAA (x3)	9V battery	9V battery	3 AA batteries (LR6 Lithium)
Environment	-20 to +60 °C	-20 to +50 °C	-20 to +60 °C	-20 to +50 °C	-20 to +50 °C	-20 to +50 °C
Dimensions	265 x 48 x 19 mm (with unfolded probe))	215 x 34 x 19 mm	144 x 60 x 24.5 mm	182 x 64 x 40 mm	182 x 64 x 40 mm	154 x 65 x 32 mm
Weight	165 g	80 g	NC	171 g	171 g	250 g
Cat. No.	**057445**	**057400**	**057446**	**057402**	**057403**	**157126**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat.No. with TopSafe (protective case)	-	**057401**	-	-	-	-
€	-	**N/A -**	-	-	-	-
Cat. No.. with highly accurate probe and COFRAC calibration -18/0/+100 °C	-	-	-	-	-	**157128**
€	-	-	-	-	-	**N/A -**

* Also depends on the probe used
** Probe to be ordered separately, see next page for available probes.

Accessories

Cat. No.	Description	€
057417	Infrared wireless printer for Testo 110, 720	**N/A -**
057418	Thermal paper roll for printer 057417 (6 units)	**N/A -**
057419	TopSafe (protective case) for Testo 110 et 720	**N/A -**
057585	Carrying case	**N/A -**
057427	USB interface for Testo 174 T and 174 H	**N/A -**
057422	Silicone paste for better conductivity 14 g	**N/A -**
057804	Replacement thermocouple T probe for Testo 108	**N/A -**

5-point calibration for probe 057415 with COFRAC certificate possible, consult us

All prices are indicative and exclude VAT.

Testo Temperature Recorders

Testo 174 T and 174 H Temperature recorders

- **Compact and economical**
- **Programmable measurement rate (from 1 min. to 24 h)**
- **Memory 16000 values**
- **Testo 174H: temperature and hygrometry**
- **Supplied with battery, operating instructions and certificate of conformity**

Testo 175 T2 Temperature logger

- **Programmable measurement rate (from 10 s to 24 h)**
- **Memory: 1 000 000 values**
- **Supplied with battery, operating instructions and certificate of conformity**

Testo 176 T2 Temperature logger

- **Programmable measurement rate (from 1 s to 24 h)**
- **Up to 2 Pt100 external sensors**
- **Memory: 2 000 000 values**
- **Supplied with battery, operating instructions and certificate of conformity**

Model	174T	174H	175T2	176T2
				
Range	-30 to +70 °C	-20 to +70 °C (internal) / 0 to 100% RH	-35 to +55 °C (internal) / -40 to +120 °C (external)	-100 to +400 °C
Resolution	0.1 °C	0.1 °C / 0.1 % RH	0.1 °C	0.01 °C
Accuracy*	±0.5 °C (-30 to +70 °C)	±0.5 °C (-20 to +70 °C) / ±3 % RH (2 to 98% RH)	±0.5 °C (-35 to +55 °C) internal / ±0.3 °C (-40 to +120 °C) external	± 0.2 °C (-50 to +200 °C) / ± 0.3 °C (200.1 to +400 °C)
Internal probe	NTC (included)	NTC (included) + %RH (included)	1x NTC (included)	
External probe**			1 x NTC (to be ordered separately)	2 x Pt100 (to be ordered separately)
Power supply	2 x CR 2032 Lithium batteries	3 x AAA LR03 Lithium batteries	3 x AAA LR03 batteries	1 Lithium battery (TLH-5903)
Memorization	up to 16000 values	up to 16000 values	up to 1 million values	up to 2 million values
Memory interval	Customizable from 1 minute to 24 hours	Customizable from 1 minute to 24 hours	Customizable from 10 seconds to 24 hours	Customizable from 1 second to 24 hours
Environment	-30 to +70 °C	-20 to +70 °C	-35 to +55 °C	-35 to +70 °C
Dimensions	60 x 38 x 18.5 mm	60 x 38 x 18.5 mm	89 x 53 x 27 mm	103 x 63 x 33 mm
Weight	90 g	90 g	450 g	630 g
Cat. No.	**057406**	**057407**	**057408**	**057409**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* also depends on the probe used ** probe to be ordered separately, see below for the different probes available

Set Testo 174 T and 174 H

The Testo sets include the logger, USB interface for programming and transfer of values to a PC, wall mounting, batteries and certificate of conformity.

Cat. No.	Description	€
057425	Set Testo 174 T	**N/A -**
057426	Set Testo 174 H	**N/A -**

Accessories

Cat. No.	Description	€
057427	USB interface for Testo 174 T and 174 H	**N/A -**
057428	USB Cable for Testo Recorders[1]	**N/A -**
057429	SD Card for Testo Recorders[2]	**N/A -**

1. The USB cable is required for programming the device.
2. The SD card is used to retrieve recorded values but is not an extension of the device's memory

Probes - Wide range of probes available, please consult us

Precision probes for Testo Pt100 recorders and thermometers

Cat.No	Description	Range	Accuracy	€
057414	Pt100 sensor for aggressive media with interchangeable glass body	-50 to +400 °C	± (0.15 + 0.002*T (K)) °C up to 300 °C then ± (0.3 + 0.005*T (K)) °C	**N/A -**
057415	Precision waterproof Pt100 sensor for immersion/permeation	-40 to +300 °C	± 0.05 °C (+0.01 to +100 °C) ± 0.05 °C + 0.05% v.m. (remaining extent)	**N/A -**
057424	Replacement glass tube for probe 057414	-	-	**N/A -**



057414



057415

Probes for Testo thermometers and recorders type NTC

Cat.No	Description	Range	Accuracy	€
057410	Waterproof NTC contact probe for flat surfaces	-50 to +150 °C	± 0.5% v.m. (+100 to +150 °C) ± 0.2 °C (-25 to +74.9 °C) 0.4 °C (remaining range)	**N/A -**
057411	Waterproof NTC probe for immersion/permeation	-50 to +150 °C		**N/A -**
057412	Flat cable immersion NTC sensor*	-50 to +150 °C		**N/A -**

*** Handy for measurements in a freezer without a cable duct**



057410



057411

Testo 184 pocket recorders

- **Pocket recorders for monitoring temperature and/or humidity and shocks during transport.**
- **USB interface: no need for software, simply connect the recorder and set up directly from the PDF file in the memory**
- **Delivered with calibration certificate according to ISO 17025 except 184 H1 and 184 G1**
- **Protection class IP67 except 184 H1 and 184 G1 (IP30)**

Model	184 T1	184 T2	184 T3	184 T4	184 H1	184 G1
						
Measure type	Temperature	Temperature	Temperature	Temperature	Temperature / Humidity	Temperature / Humidity / shocks
Replaceable batteries	No	No	Yes	Yes	Yes	Yes
Dimensions (mm)	33 x 9 x 74	44 x 12 x 97	44 x 12 x 97	44 x 12 x 97	44 x 12 x 97	44 x 12 x 97
Autonomy	90 days	150 days	500 days (at +25 °C, 15 min rate)	100 days (at -80 °C, 15 min rate)	500 days (at +25 °C, 15 min rate)	120 days (at +25 °C, 15 min rate)
Measuring range	-35 to +70 °C	-35 to +70 °C	-35 to +70 °C	-80 to +70 °C	-20 à +70 °C / 0 to 100 % HR	-20 à +70 °C / 0 to 100 % HR
Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C / 0.1 % HR	0.1 °C / 0.1 % HR / 0.1 g
Accuracy	+/- 0.5 °C	+/- 0.5 °C	+/- 0.5 °C	+/- 0.8 °C (-80 to -35.1 °C) +/- 0.5 °C (-35 to +70 °C)	± 0.8 °C (-20 to 0 °C) ± 0.5 °C (-0 to +70 °C) ± 1.8 % HR +3% of the measured value at +25 °C (5 at 80 % HR) ± 0.03 % HR/K (0 at +60 °C)	± 0.8 °C (-20 to 0 °C) ± 0.5 °C (-0 to +70 °C) ± 1.8% HR +3 % of the measured value at +25 °C (5 at 80 % HR) ± 0.03 % HR/K (0 at +60 °C) ± 0.1 g + 5 % of the measured value
Permissible temperature	-55 to +70 °C	-55 to +70 °C	-55 to +70 °C	-80 to +70 °C	-55 to +70 °C	-55 to +70 °C
Measurement rate	1 min to 24 h	1 min to 24 h	1 min to 24 h	1 min to 24 h	1 min to 24 h	1 min to 24 h
Memory	16000 values	40000 values	40000 values	40000 values	64000 values	64000 values + 1000 (shocks)
Display and alarms	LEDs	LEDs & display	LEDs & display	LEDs	LEDs & display	LEDs & display
Cat. No.	**057563**	**057564**	**057565**	**057566**	**057567**	**057568**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

EBRO 310 Temperature logger

Internal probe	-30 °C to +75 °C
Accuracy	+/-0.2 (-30 to +30 °C) / +/- 0.5 °C remaining range
Resolution	0.1 °C
Memory	120000 values
Rate	1 min to 24 h
Dimensions	80 x 34 x 14 mm
Weight	Approx. 35 g
Protection	IP65
Cat. No.	**498752**
€	**N/A -**

- **Stand-alone recorder for monitoring the temperature of equipment or during transport**
- **With factory calibration certificate**

* The TPX 250 probe has a replaceable battery, ideal for monitoring a -80 °C freezer
**Probe for two-channel module, to be ordered in pairs



Accessories

Cat. No.	Description	€
498755	Dual channel module	N/A -
498769	Wall mounting	N/A -

Probes

Model	TPX 220	TPX 250 *	TPX 310-P1 **
Measurement range	-200 °C to +200 °C	-85 °C to +50 °C	-200 °C to +200 °C
Accuracy	±2.0 °C (-200 °C to -100 °C) ±1.0 °C (-100 °C to -20 °C) ±0.2 °C (-20 °C to +60 °C) ±0.5 °C (+60 °C to +200 °C)	±1.0 °C (-85 °C to 20 °C) ±0.2 °C (-20 °C to +50 °C)	±2.0 °C (-200 °C to -100 °C) ±1.0 °C (-100 °C to -20 °C) ±0.2 °C (-20 °C to +60 °C) ±0.5 °C (+60 °C to +200 °C)
Probe	5 x 45 mm stainless steel		
L. of the cable	1 m	1 m	3 m
Cat. No.	**498753**	**498754**	**498756B**
€	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

TFX410Thermometers



780245

- Removable probe
- Model with or without cable
- Various probe lengths
- Easy to use
- Temperature range: -50 to +300 °C
- Accuracy: ± 0.3 °C
- Resolution: 0.1 °C
- IP 67
- Dimensions W x thickness x H (mm): 54 x 22 x 109
- Weight (g): 90

Model		TFX410	TFX410-1													
Probe		Pt1000	TPX 400-40	TPX 400-150	TPX 440	TPX 100-20	TPX 100-30	TPX 100-40	TPX 200-20	TPX 200-30	TPX 200-40	Without	TPX 400	TPX 100	TPX 200	TPX 300
Cable	Silicone	•	•	•		-	-	-	-	-	-	-	•	-	-	-
	Teflon				•	-	-	-	-	-	-	-		-	-	-
Cable length (m)		0.6	0.4	1.5	1.5	-	-	-	-	-	-	-	0.6	-	-	-
Probe Ø x L (mm)		3 x 120	3 x 120	3 x 120	3 x 120				3 x 200	3 x 300	3 x 400	-	3 x 120		3 x 120	
➤ contact						3 x 200	3 x 300	3 x 400				-		3 x 120		
➤ protected by glass												-				8 x 190
Cat. No.		**780245**	**799693**	**799588**	**498734**	**799694**	**799695**	**799696**	**799697**	**799698**	**799699**	**780339**	**498735**	**799700**	**799701**	**799702**
€		**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Probes

Cat. No.	Description	€
799715	Temperature probe TFX400-40	**N/A -**
780340	Temperature sensor TFX400-150	**N/A -**
799716	Temperature sensor TFX440	**N/A -**
799717	Temperature probe TPX100-20	**N/A -**
799718	Temperature probe TPX100-30	**N/A -**
799719	Temperature probe TPX100-40	**N/A -**
799720	Temperature probe TPX200-20	**N/A -**
799721	Temperature probe TPX200-30	**N/A -**
799722	Temperature probe TPX200-40	**N/A -**
799272	Temperature probe TPX400	**N/A -**

Cat. No.	Description	€
799714	Temperature probe TPX100	**N/A -**
799723	Temperature probe TPX200	**N/A -**
799724	Temperature probe TPX300	**N/A -**

Accessories

Cat. No.	Description	€
174030	Red protective case for TFX	**N/A -**
799713	Kit including spare battery and O-ring	**N/A -**

EBI 11 Recorders

- Temperature or pressure monitoring of an autoclave
- Temperature range: -30 to + 150 °C
- Waterproof
- Various probe lengths available
- Works with Winlog software



Model	EBI 11-T230	EBI 11-T231	EBI 11-T233	EBI 11-T240	EBI 11-P100
Temperature range	-30 to +150 °C				-
Pressure range	-	-	-	-	1 mbar to 10000 mbar
Accuracy	± 0.1 °C				± 15 mbar (1 mbar to 4000 mbar) ± 20 mbar (4001 mbar to 10000 mbar)
Resolution	0.01 °C				1 mbar
Memory	15000				
Sensor	Pt1000				-
Recording interval	from 1 second to 24 hours				
IP	IP68				
Dimensions Ø x H without probe (mm)	16.5 x 24				16.5 x 37
Probe Ø x L (mm)	3 x 20	3 x 50	3 x 100	1.5 x 240	-
Weight (g)	45				
Cat. No.	**780553**	**780555**	**780556**	**780554**	**780557**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Software

	Winlog light	Winlog pro	Winlog med	Winlog validation
Statistical calculation	•	•	•	•
Fo calculation		•		
Adjustment of probes		•	•	•
21 CFR part 11		•	•	•
Report creation (xls or pdf)	•	•	•	•
Delivered with interface	*	•	•	•

Cat.No	Description	€
780609	Winlog.light software delivered without interface *	**N/A -**
780546	Winlog.pro software delivered with IF200 interface for 4 recorders	**N/A -**
780544	Winlog.med software delivered with IF100 interface for 2 recorders	**N/A -**
780545	Winlog.validation software delivered with IF200 interface for 4 recorders	**N/A -**
780600	IF100 interface for 2 recorders	**N/A -**

* IF100 interface to be added, Cat. No. 780600

TESTO 191 high temperature recorders

- For monitoring pasteurisation / sterilisation / freeze-drying
- 5 recorder models
- Very easy battery change, no tools required
- Intuitive software
- 8 recorders can be configured at the same time
- Calculation of Fo



Model	Testo 191-T1	Testo 191-T2	Testo 191-T3	Testo 191-T4	Testo 191-P1
Measured quantity	Temperature (Pt1000)				Pressure
Measuring range	-50 to +140 °C				1 mbar to 4 bar absolute
Accuracy	± 0.2 °C (-50 to -40 °C)				± 20 mbar
	± 0.1 °C (-40 to +140 °C)				-
Resolution	0.01 °C				1 mbar
Memory	60000 values			30000 per channel	60000 values
Measurement rate	1 second to 24 hours				
Dimensions					
Recorder with large battery	20 x 40 mm		20 x 45 mm	20 x 53 mm	22 x 64 mm
Recorder with small battery	20 x 59 mm		20 x 63 mm	20 x 72 mm	22 x 83 mm
Probe tube	3 x 25 mm	3 x 115 mm	1.5 x 775 mm		-
Probe tube tip	-		3 x 25 mm		-
Large battery					
Duration	2500 operating hours (10-second measurement rate at +121 °C)				
Range of use	-50 to +140 °C				
Small battery					
Duration	250 operating hours (10-second measurement rate at +121 °C)				
Range of use	-20 to +140 °C				
Cat. No. with large battery	**157082**	**157083**	**157084**	**157085**	**157086**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessories

Configuration case with USB cable

Cat. No.	Description	€
157093	Configuration / storage case for recorders	**N/A -**

Comsoft Professional Software

Cat. No.	Description	€
157096	Comsoft Professional Software	**N/A -**

Various accessories

Cat. No.	Description	Units/ box	€/ box
157089	Bracket for fixing recorders	5	**N/A -**
157090	Mounting for Testo 191T4 within the programming case	10	**N/A -**
157091	Mounting for Testo 191T1/T2/T3 within the configuration case	10	**N/A -**
157092	Block for surface measurement in a freeze dryer	1	**N/A -**
157095	Mounting for Testo 191 for can and bottle	1	**N/A -**

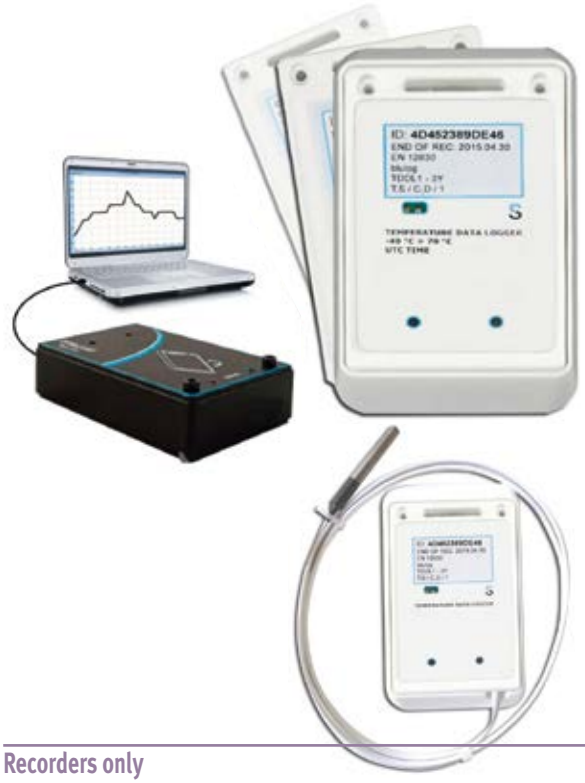


Batteries

Cat. No.	Description	€
157087	Small spare battery for Testo 191	**N/A -**
157088	Large spare battery for Testo 191	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Remote temperature and humidity recorders



- Wireless temperature or temperature/hygrometry recorders
- Date and time recording, very short reaction time thanks to the small size of the device
- Factory calibrated sensors
- Stores up to 3 years and 185 000 measurements (including lithium battery)
- Data provided in tabular or graphical form
- Unique serial number with QR code
- Encrypted data transmitted via secure 868 MHz high frequency radio
- Dimensions: 85 x 55 x 5 mm (credit card)
- Weight: 30 g
- IP 67 sealing
- HACCP/EN12830 compliant
- Recorders supplied with wall mounting
- Wireless Hub receiver included in initial packs, allows remote monitoring via internet and addition of alarms via email or SMS
- Adding optional recorders (recorders only)
- Range 700 m, extendable to 1400 m with optional repeater

Starter packs

Cat. No.	Description	€
253409	176BL recorder and HUB receiver pack	N/A -
253412	177BL recorder and HUB receiver pack	N/A -
253755	178BL recorder "cold chain" and HUB receiver pack	N/A -
253756	179BL recorder "hot chain" and HUB receiver pack	N/A -

Recorders only

Cat. No.	Description	Range of use	Accuracy	Sampling interval	€
098452	Wireless Temperature Logger 176BL	- 40 °C to +70 °C	Between 0 °C and 30 °C: ±0.2 °C, or ±0.5 °C	10 minutes	N/A -
253411	Wireless Temperature and Humidity Logger 177BL	Temp: - 40 °C to +70 °C Humidity: 0% to 100% RH	Temp: from 0 °C to 30 °C: ±0.2 °C, or ±0.5 °C Humidity: from 20 % to 80 %: ±5 % HR	15 minutes	N/A -
253753	178BL "cold chain" temperature recorder with 1 m cable probe	- 40 °C to +60 °C	Between 0 °C and 30 °C: ±0.2 °C, or ±0.5 °C	10 minutes	N/A -
253754	179BL "hot chain" temperature recorder with 1 m cable probe	+20 °C to +120 °C	Between 0 °C and 30 °C: ±0.2 °C, or ±0.5 °C	10 minutes	N/A -

Option

Cat. No.	Description	€
098454	Long distance repeater (1400 m)	N/A -

Temperature/Humidity Logger - 8 channels 3039T



- Up to 8 optional transmitters
- Memory for 50 000 date values
- Programmable intervals: 15 seconds to 24 hours
- Dew point function
- Max / min / alarm function
- Radio controlled clock/calendar
- USB cable/Office compatible
- Stand or wall mounting

Temperature	0 to 50 °C (station) / -30 to 50 °C (transmitter)
Resolution	0.1 °C
Accuracy	+/- 1 °C
Hygrometry	1% to 99%RH
Resolution	1 %
Accuracy	+/- 3 %RH
Power supply	3 x AA
Dimensions (mm)	137 x 98 x 26
Weight (g)	430

Cat. No.	Description	€
098418	Temperature / humidity recorder - 8 channels	N/A -
098419	Wireless temperature and humidity transmitter	N/A -
098420	Wireless temperature transmitter with wired sensor	N/A -

EBRO Wireless Recorders

- Radio transmission
- For monitoring transport, storage
- Alarm overflow monitoring by SMS or email

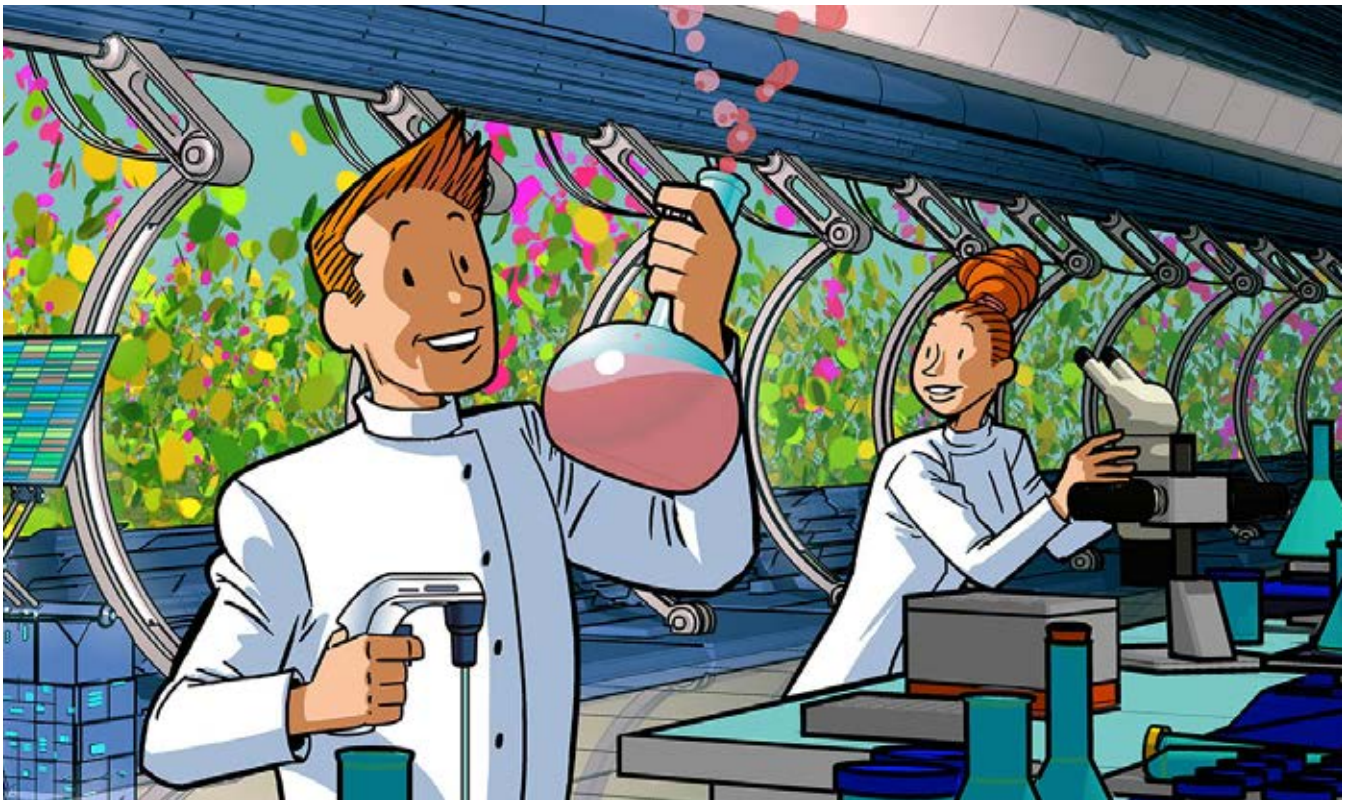





Model	EBI 25-T	EBI 25-TE	EBI 25-TX	EBI 25-TH
Sensor	Internal	External	External	External
Measuring range	-30.0 to +60 °C	-40 °C to +85 °C	-199.9 to + 199.9 °C	-30.0 to +60.0 °C and 0.0 to 100.0% RH
Accuracy	± 0.5 °C (-20 °C to +40 °C) ± 0.8 °C (remaining range)	±0.5 °C (-20 °C...+40 °C) ± 0.8 °C (-30 °C to -20 °C; +40 °C to +60 °C) ± 1.5 °C (-40 °C to -30 °C; +60 °C to +85 °C)	± 0.4 °C (-20 °C...+60 °C) ± 0.5 °C (-100 to -20 °C; +60 °C to +199.9 °C) ± 2 °C (-200 to -100 °C)	± 0.5 °C (-20 °C to +40 °C) ± 0.8 °C (remaining range) ± 3 % RH (10 to 90 % RH)
Memory capacity	288 measured values (per channel)			
Probe	NTC	NTC	Pt 1000	NTC / Capacitive
Probe Dimensions (mm)	-	Ø 3.8	Ø x L: 5 x 50 (with 3 m PTFE cable)	-
Measurement interval	1 minute to 24 hours			
Radio frequency (MHz)	868			
protection class	IP67	IP67	IP67	IP20
Battery	3.6 V lithium (user replaceable)			
Battery life	About 2 years			
Dimensions (mm)	95 x 48 x 27	95 x 48 x 27	135 x 48 x 27	124 x 28 x 27
Weight (g)	65	65	117	65
Cat. No.	**780530**	**780531**	**780532**	**780533**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessories

Cat. No.	Description	€
780534	IF400 EBI interface with antenna	**N/A -**
780536	Wall mounting for EBI 25	**N/A -**
780535	Visual alarm for EBI 25	**N/A -**
780537	Winlog Web software	**N/A -**
780538	Winlog Wave software (PC)	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

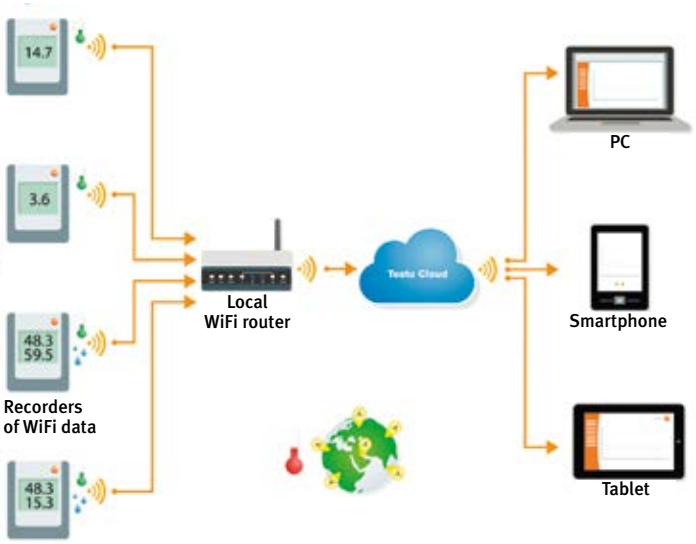
WiFi Testo Saveris 2 temperature monitoring systems

Controls the ambient climate conditions very simply wherever you are.

- **Plug & play: no software installation**
- **Uses existing WiFi network (no additional components required)**
- **Free hosting and data access in the Testo Cloud**
- **Reliable alarms when thresholds are exceeded**
- **Access to data from any connected device**
- **Data export in PDF or XLS format**

Model	Saveris 2-T1 Probe	Saveris 2-T2 Probe	Saveris 2-T3 Probe	Saveris 2-H1 Probe	Saveris 2-H2 Probe
					
Measured quantity	Temperature	Temperature	Temperature	Temperature / humidity	Temperature / humidity
Sensor	NTC (internal)	2 x NTC (external)	2 x Thermocouple (external) K or T	NTC /Capacitive (internal)	NTC /Capacitive (external)
Measuring range	- 30 to + 50 °C	- 50 to + 150 °C	Thermocouple K: - 195 to + 1350 °C T: - 200 to + 400 °C	- 30 to + 50 °C 0 to 100 % HR	NTC: see Humidity probes: 0 to 100% HR
Resolution	0.1 °C	0.1 °C	0.1 °C	0.1 °C / 0.1 % HR	0.1 °C / 0.1 % HR
Accuracy (case)	± 0.5 °C	± 0.5 °C	± (0.5 + 0.5% measured value) °C	± 0.5 °C ± 2% HR	See probes
Operating temperature:	- 30 to + 50 °C				
Protection index	IP65	IP65	IP54	IP30	IP54
Standard	EN 12830	EN 12830	-	-	-
Memory	10 000 values / channel				
Measurement rate	adjustable from 5 sec to 24 h				
Transfer rate	adjustable from 1 min to 24 h				
Display	LCD Display 1 line	LCD Display 2 lines			
Power supply	4 x AA AlMn batteries (optional power supply)				
Autonomy	Approx. 2 years (at +25 °C with 15 min. measurement and recording rates)				
Dimensions H x Wl x D (mm)	95 x 75 x 30.5				
Weight (g)	240				
Cat. No.	**057591B**	**057592B**	**057593B**	**057594B**	**057595B**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Licence model	Basic	Advance
Measurement rate	15 minutes (cannot be changed)	From 1 minute to 24 hours
Communication rate	From 1 hour to 24 hours	From 1 minute to 24 hours
Data storage	Up to 3 months (loop memory)	Up to 24 months (loop memory)
Reports	Manual (pdf and csv)	Manual and automatic (pdf and csv)
Visualisation of curves	Channel by channel	Up to 10 channels simultaneously
Number of users per account	1 maximum	10 maximum
Number of recorders per account	Unlimited	-
Use of measurement point groups and zones	No	Yes
Alarms via email	Unlimited	-
Alarms via sms	No	25 SMS per recorder per year
Technical alarms	Low battery	Low battery, power failure and loss of WiFi communication
No. of alarm receivers	Limited to 3 via email	Unlimited via email Limited to 10 via SMS
€	**Free of charge**	**On request**



5-channel stand-alone recording thermometer type K

- **4 core temperatures (K-type), 1 surface temperature (infrared)**
- **Stand-alone recorder**
- **18 000 memories**
- **5 displays (T1.... T4, IR)**
- **Remote infrared probe**
- **Max, Min, Hold, Moy, ΔT°, SCAN**
- **Backlighting / Auto Off**
- **Supplied in a case with K + IR probes**
- **PC connection**
- **Software + USB cable included**



Type K	- 200 °C to + 1372 °C
Accuracy	± 2 °C
Infrared	- 30 °C to + 550 °C
Accuracy	± 5 °C
Ratio	8:1
Sampling rate	1 sec - 24 h
Dimensions	255 x 75 x 50 mm
Weight	350 g
Battery	6F22

Cat. No.	Description	€
095389	5-channel stand-alone recording thermometer type K	N/A -

Anemometer / hygrometer / light meter / pocket thermometer

Measure		Ranges	Resolution	Accuracy
Anemometer	km/h	1.4 to 108	0.1	≤ 20 m/s: ± 3% FS › 20 m/s: ± 4% FS
	m/s	0.4 to 30	0.1	
	ft/min	80 to 5970	1	
	MPH	0.9 to 67	0.1	
	Knots	0.8 to 58.3	0.1	
Hygrometer	% RH	10 to 95 %	0.10 %	‹ 70% RH: ± 4% RH ≥70% RH: + (4% rdg + 1.2% RH)
Luxmeter	Lux	0 to 2200	1	± 5% vm + 8 dgt
		1800 to 20000	10	
	Ft-cd	0 to 204	0.1	-
		170 to 2000	1	-
Temperature	°C	0 to + 50	0.1	± 1.2 °C
	°F	32 to 122	0.1	± 2.5°F
Temperature with type K probe (optional)	°C	- 100 to + 1300	0.1	± (1 % vm + 1 °C)
	°F	- 148 to 2375	0.1	± (1 % vm + 2 °F)

Cat. No.	Description	€
098499	Anemometer / hygrometer / light meter / pocket thermometer	N/A -

- **Dual LCD display**
- **Temperature - 100 to + 1300 °C**
- **Memory max/min**
- **Optional K-probe**
- **Dimensions: 150 x 60 x 23 mm**
- **Weight: 160 g**
- **9V battery**
- **Electrical specification (23 °C ± 5 °C)**



All prices are indicative and exclude VAT. Visit www.dulis.nl

PH indicator paper



- PH indicator paper
- Wide range, in strips or rolls
- Incrementation by 0.2 or 0.3 pH
- For rapid testing of clear, cloudy or coloured solutions
- Store in a dry and dark place

Cat. No.	Description	PH increment	Packaging unit	€/ sales unit
049333	pH Paper 1 - 11	1	Roll 6 m	N/A -
049334	pH Paper 3.9 - 6.9	0.3	6 m	N/A -
049335	pH Paper 4.9 - 7.9	0.3	6 m	N/A -
049336	pH Paper 6.9 - 9.9	0.3	6 m	N/A -
049337	pH Paper 0 - 14	0.3	6 m	N/A -
049300	pH Paper 1.8 - 3.2	0.2 pH	200 strips	N/A -
049301	pH Paper 3 - 4.4	0.2 pH	200	N/A -
049302	pH Paper 3.9 - 5.3	0.2 pH	200	N/A -
049303	pH Paper 5.2 - 6.6	0.2 pH	200	N/A -
049304	pH Paper 6 - 7.4	0.2 pH	200	N/A -
049305	pH Paper 6.6 - 8 yellow - orange	0.2 pH	200	N/A -
049306	pH Paper 5.6 - 7	0.2 pH	200	N/A -
049307	pH Paper 6.6 - 8 vert - bleu	0.2 pH	200	N/A -
049308	pH Paper 7.3 - 8.7	0.2 pH	200	N/A -
049309	pH Paper 8.6 - 10	0.2 pH	200	N/A -
049310	pH Paper 0.4 - 1.4	0.3 pH	200	N/A -
049311	pH Paper 1 - 2.8	0.3 pH	200	N/A -
049312	pH Paper 1.6 - 3.7	0.3 pH	200	N/A -
049313	pH Paper 2.6 - 4.1	0.3 pH	200	N/A -
049314	pH Paper 3.9 - 5.4	0.3 pH	200	N/A -
049315	pH Paper 4.3 - 6.1	0.3 pH	200	N/A -
049316	pH Paper 5.2 - 6.7	0.3 pH	200	N/A -
049317	pH Paper 6 - 7.5	0.3 pH	200	N/A -
049318	pH Paper 6.6 - 8.1	0.3 pH	200	N/A -
049319	pH Paper 7.5 - 8.7	0.3 pH	200	N/A -
049320	pH Paper 8.2 - 9.7	0.3 pH	200	N/A -
049321	pH Paper 8.8 - 10	0.3 pH	200	N/A -
049322	pH Paper 9.4 - 10.3	0.3 pH	200	N/A -
049323	pH Paper 10.1 - 11.3	0.3 pH	200	N/A -
049325	pH Paper 9 - 14	1 pH	200	N/A -
049326	pH Paper 10.5 - 13	0.5 pH	200	N/A -
049327	pH Paper 11.5 - 14	1 pH	200	N/A -
049328	pH Paper 2.6 - 4.7	0.3 pH	200	N/A -
049329	pH Paper 3.9 - 6	0.3 pH	200	N/A -
049330	pH Paper 6 - 8.1	0.3 pH	200	N/A -
049331	pH Paper 6.6 - 8.7	0.3 pH	200	N/A -
049332	pH Paper 11 - 13.1	0.3 pH	200	N/A -

Whatman™pH Paper



- CF Type strips: each plastic strip has 4 different segments of coloured test paper. The combination of colours allows for visual identification.
- CS Type strips: each strip has a central indicator segment and 8 or more other coloured segments identified by their corresponding pH value. The pH can then be read directly by comparing the test strip with the coloured bars. Ideal for testing on coloured solutions that may alter readings.
- TC Type dispenser: each strip has 3 separate indicator areas. The unique combination of colour change for each test is then compared to a reference card printed on the dispenser to allow quick and accurate reading.
- SR Type dispenser: a full range of pH papers in dispenser format.

Distributors

Cat.No	Type	Description	pH Range	PH gradation	W x L (mm x m)	€
036544	TC	Three Colours	1.0 - 11.0	1	10 x 5	N/A -
036545	SR	Full spectrum standard	1.0 - 14.0	1.0 - 2.0	7 x 5	N/A -
036546	SR	Reduced spectrum	0.5 - 5.5	0.5 - 1.0	7 x 5	N/A -
036547	SR	Reduced spectrum	4.0 - 7.0	0.5	7 x 5	N/A -
036548	SR	Reduced spectrum	6.0 - 8.0	0.5	7 x 5	N/A -
036549	SR	Reduced spectrum	8.0 - 10.0	0.5	7 x 5	N/A -

Strips

Cat.No	Type	Description	pH Range	PH gradation	W x L (mm)	Units/ box	€/ box
036536	CF	Mass staining	0 - 14	1	6 x 80	100	N/A -
036537	CF	Mass staining	4.5 - 10.0	0.5	6 x 80	100	N/A -
036538	CS	Full comparison	1.0 - 12.0	1	11 x 100	200	N/A -
036539	CS	Full comparison	1.8 - 3.8	0.2 - 0.3	11 x 100	200	N/A -
036540	CS	Full comparison	3.8 - 5.5	0.2 - 0.3	11 x 100	200	N/A -
036541	CS	Full comparison	5.2 - 6.8	0.2 - 0.3	11 x 100	200	N/A -
036542	CS	Full comparison	6.0 - 8.1	0.3	11 x 100	200	N/A -
036543	CS	Full comparison	8.0 - 9.7	0.2 - 0.3	11 x 100	200	N/A -

PH paper in rolls or strips



5 meter roll

Cat. No.	Description	€/ the 5 m roll
074043	Scale from 1 to 14 graduations of 1 pH	N/A -
074161	Scale from 1 to 14 graduations of 1 pH	N/A -

Strips

Cat.No.	pH Range	€/ 10 units booklets of 20
175176	1 - 14	N/A -
175175	5 - 9	N/A -

ClearLine® pH paper

On a roll

Cat.No.	Description	Dimensions L x W	Units/ box	€/ box
442401	PH paper 1 - 14 + reel	7 mm x 5 m	1 roll + reel	N/A -
442402	PH paper refill 1 - 14	7 mm x 5 m	3 roll	N/A -

In strips

- Non-migrant identification area
- 4 coloured areas on each strip

Cat.No.	Description	Units/ box	€/ box
442400	pH paper 0 - 14	100 strips	N/A -
442403	pH Paper 4 -10	100 strips	N/A -



Mettler Toledo FIVE EASY and FIVE EASY PLUS benchtop pH meters

Model	FIVE EASY F20 pH / mV bench meter and kit	FIVE EASY PLUS FP20 pH / mV bench meter and kit
Measuring range	0.00 to 14.00 pH	- 2.00 to 16.00 pH
	-2000 to +2000mV	
Temperature range	0 to 100 °C	- 5 to 105 °C
Resolution	0.01 pH	0.01/0.1 pH
	1 mV	
	0.1 °C	
Accuracy	± 0.01 pH	
	± 1 mV	
	± 0.5 °C	± 0.3 °C
Temperature compensation	Manual and automatic	
Calibration	Max 3 points	Max 5 points
Connectors	Analogue output	RS 232, USB
Power supply	100-240V / 50-60Hz, 12 V DC	
Size/weight	227 x 147 x 70 mm / 630 g	

Cat.No.	Description	€
031306	FIVE EASY F20 pH meter, F20-Meter series*	N/A -
031307	FIVE EASY F20 pH meter Kit, F20-Standard series	N/A -
031308	FIVE EASY PLUS FP20 pH meter, FP20-Meter series*	N/A -
031309	FIVE EASY PLUS FP20 pH meter Kit, FP20-Standard series	N/A -
031310	FIVE EASY PLUS FP20 pH meter Kit, FP20-Bio series	N/A -
031311	FP20 FIVE EASY PLUS FP20 pH meter Kit, FP20-Micro series	N/A -
031312	FIVE EASY PLUS FP20 pH meter Kit, FP20-Tris series	N/A -

* delivered without electrode

- Delivered with a user manual and a power supply
- Kits supplied with 2 bags of buffers (pH 4.01 and 7.00), electrode and electrode holder



Mettler Toledo FIVE EASY and FIVE EASY PLUS benchtop conductivity meters

Model	FIVE EASY F30 conductivity meter and kit	FIVE EASY PLUS FP30 conductivity meter and kit
Measuring range	0.01 µS/cm to 200 mS/cm (conductivity)	0.01 µS/cm to 500 mS/cm (conductivity)
	0.01 mg/l to 200 g/l (TDS)	0.01 mg/l to 300 g/l (TDS)
Temperature range	0 to 100 °C	- 5 to 105 °C
Resolution	Automatic scale (conductivity and TDS)	
	0.1 °C	
Accuracy	± 0.5 % measured value	
	± 0.5 °C	± 0.3 °C
Temperature compensation	Linear: 0.00 %/ °C to 10 %/ °C Reference temperature 20 or 25 °C	
Calibration	1 point	
Connectors	-	RS 232, USB
Power supply	100-240V / 50-60Hz, 12 V DC	
Size/weight	227 x 147 x 70 mm / 630 g	

Cat.No.	Description	€
031313	FIVE EASY F30 Conductivity Meter , F30-Meter series	N/A -
031314	FIVE EASY F30 Conductivity Meter Kit, F30-Meter series with electrode LE 703	N/A -
031315	FIVE EASY PLUS F30 Conductivity Meter, FP30-Meter series	N/A -
031316	FIVE EASY PLUS F30 Conductivity Meter Kit, F30-Meter series with electrode LE 703	N/A -

- Delivered with a user manual and a power supply
- Kits supplied with one electrode and two buffer bags 1413 µS/cm and 13.88 mS/cm and one electrode holder





See page 362 for buffer solutions and standard conductivity solutions

All prices are indicative and exclude VAT. Visit www.dulis.nl

Mettler Toledo SevenCompact™ pH S210 benchtop meter



- **Fast and accurate measurements**
- **Intuitive operation**
- **Attractive and clear colour display**
- **Numerous peripheral options**
- **BPL Compliant**
- **Supplied with electrode holder, protective cover, operating instructions, guide, declaration of conformity and test certificate**
- **Kit supplied with electrode and buffer bags for pH 4.01 / 7.00 / 9.21 and 10**

Model	SevenCompact™ pH S210 pH meter
Ranges of measurement	- 2.000 to 20.000 pH - 2000 to 2000 mV - 5 °C to 130 °C
Resolution	0.001/0.01/0.1 pH 0.1/1 mV 0.1 °C
Accuracy	± 0.002 pH ± 0.2 mV ± 0.1 °C
Sensor inputs	BNC (impedance › 3 x 10^{12} Ω)
Interfaces	RS232, USB-A, USA-B
Power supply	9-12 V CC/10 W
Size/weight	204 x 174 x 74 mm / 890 g

Cat.No.	Description	€
031229	pH meter SevenCompact™ pH S210-Basic	**N/A -**
031230	pH meter Kit SevenCompact™ pH S210-Kit with electrode Inlab Expert Pro-ISM	**N/A -**
031231	pH meter Kit SevenCompact™ pH S210-Bio with electrode InLab® routine Pro-ISM	**N/A -**
031232	pH meter Kit SevenCompact™ pH S210-U With electrode Inlab® Versatile Pro	**N/A -**

Accessories

Cat.No.	Description	€
031208	uMix™ magnetic stirrer	**N/A -**
031093	RS-P25 printer including cable	**N/A -**
031369	EasyDirect™ pH Software License	**N/A -**
031142	USB cable 1.8 m A-B	**N/A -**

TIP



See page 362 for buffer solutions and standard conductivity solutions

SevenCompact™ Duo S213 benchtop pH/ conductivity meter



PH and conductivity measurement.

- **Fast and accurate measurements**
- **Easy to use**
- **Colour screen**
- **LPG compliant**
- **IQ/OQ capability**
- **USP/EP compliant for pure and ultra pure water**
- **ABNT NBR 10547:2006 compliant for bioethanol**
- **ICUMSA GS2/3-17 and GS 1/3/4/7/8-13 compliant for sugar analysis**
- **IP54**
- **Supplied with electrode holder, protective cover, operating instructions, guide, declaration of conformity and test certificate**
- **Kits supplied with pH electrode and conductivity probe, pH buffer sachets (4.01 / 7.00 / 9.21 and 10) and two conductivity standards (1413 µS/cm and 12.88 mS/cm)**

pH	**Measuring range**	-2.000....20.000
	Resolution	0.001
		0.01
		0.1
	Accuracy	±0.002
mV	**Measuring range**	-2000.0/+2000.0
	Resolution	0.1
		1
		±0.1 mV (-1000....1000)
	Accuracy	±0.2 mV (reste of range)
Conductivity	**Measuring range**	0.001 µS/cm....1000 mS/cm
	Resolution	0.001....1
	Accuracy	±0.5%
Temperature	**Measuring range**	-30.0....+130 °C
	Resolution	0.1
	Accuracy	±0.1%
Calibration	**pH**	5 points max (8 pre-defined buffer values or 1 customizable buffer)
	Conductivity	1 point (13 pre-defined standard values or 1 customisable standard)
	Icon electrode status	Indicates the quality of the last calibration

Memory	2000 measurements
Connectivity (pH; temperature conductivity; digital)	BNC; Cinch/RCA (NTC 30 kΩ or Pt1000); Mini-Din; Mini-LTW
Dimensions/weight	204 x 174 x 74 mm / 890 g

Cat.No	Description	€
031366	SevenCompact™ DuoO S213 pH/ conductivity meter	**N/A -**
031367	SevenCompact™ Duo S213 pH/ conductivity meter Kit with Inlab® Expert Pro ISM pH electrode, Inlab® 731 conductivity probe	**N/A -**
031368	SevenCompact™ Duo S213 pH/ conductivity meter Kit with Inlab® Pure Pro ISM pH electrode, Inlab® 741 conductivity probe	**N/A -**

Accessories

CatNo.	Description	€
031369	EasyDirect™ pH Software License	**N/A -**
031142	USB cable for EasyDirect™ pH software	**N/A -**
031202	USB printer - P25 supplied complete	**N/A -**
031208	µMix magnetic stirrer	**N/A -**

Mettler Toledo SevenCompact™ benchtop pH meter

- **Versatile and universal**
- **Precise**
- **Easy to use for maximum productivity**
- **Supplied with electrode holder, protective cover, operating instructions, quick guide, declaration of conformity and test certificate**
- **Kits supplied with an electrode, a guide to pH measurements and two bags of pH buffers (4.01 / 7.00 / 9.21 and 10.00)**



Model	pH meter S220 SevenCompact™
Measuring range	- 2.000 to 20.000 pH - 2000 to 2000 mV - 5 °C to 130 °C
Resolution	0.001/0.01/0.1 pH 0.1/1 mV - 5 °C to 130 °C
Accuracy	± 0.002 pH ± 0.2 mV ± 0.1 °C
Sensor inputs	BNC (impedance › 3 x 10E + 12Ω)
Interfaces	RS232, USB-A, USA-B
Power supply	9-12 V CC/10 W
Size/weight	204 x 174 x 74 mm / 890 g

Cat.No	Description	€
031126	SevenCompact™ S220-Basic pH meter	N/A -
031127	SevenCompact™ S220 pH meter Kit with Inlab® Expert Pro-ISM	N/A -
031683	S220 umix Kit with electrode Inlab® expert Pro-ISM and mix shaker	N/A -
031128	SevenCompact™ S220-Bio pH meter Kit with InLab® Routine Pro-ISM electrode	N/A -
031129	SevenCompact™ S220, university pH meter Kit with InLab® Versatile Pro electrode	N/A -
031684	S220 micro Kit with Inlab® ultra micro electrode	N/A -

Accessories

Cat.No	Description	€
031056	ATC temperature probe (NTC 30 kOhm)	N/A -
031369	EasyDirect™ pH Software License	N/A -
031142	USB cable 1.8 m A-B	N/A -
031093	RS-P25 printer cable included	N/A -
031032	RS-P26 Printer	N/A -
031148	uPlace™: Electrode holder (included in the standard delivery)	N/A -
031149	Protective cover (included in the standard delivery)	N/A -

Enter the Cat. No. on www.dulis.nl to see the pH measure guide..



Mettler Toledo SevenCompact™ benchtop conductivity meter

- **Versatile and universal**
- **Precise**
- **Easy to use for maximum productivity**
- **Supplied with electrode holder, protective cover, operating instructions, quick guide, declaration of conformity and test certificate**
- **Kits supplied with a probe and a guide to conductivity measurements**



Model	S230 SevenCompact™conductivity meter
Conductivity	0.001 µS/cm to 1000 ms/cm 0.001 to 1 ± 0.5 %
Temperature	- 5 °C to 130 °C 0.1 °C ± 0.1 %
TDS	0.00 mg/l to 1000 g/l 0.01 to 1 ± 0.5 %
Spec. resistance	0.00 to 100.00 MOhm cm
Salinity	0.00 to 80.00 psu
Sensor inputs	Mini-DIN
Interfaces	RS232, USB-A, USA-B
Power supply	9-12 V CC/10 W
Size/weight	204 x 174 x 74 mm / 890 g

Cat.No	Description	€
031130	SevenCompact™ S230-Basic Conducticity meter	N/A -
031131	SevenCompact™ S230 Conductimeter Kit with InLab® 731-ISM and two calibration bags for 1413 µS/cm and 12.88 mS/cm	N/A -
031132	SevenCompact™ S230-USP/EP Conductivity meter with InLab® 741-ISM	N/A -



See page 362 for buffer solutions and standard conductivity solutions

Accessories

Cat.No	Description	€
031056	ATC temperature probe (NTC 30 kOhm)	N/A -
031369	EasyDirect™ pH Software License	N/A -
031142	USB cable 1.8 m A-B	N/A -
031093	RS-P25 printer cable included	N/A -
031032	RS-P26 Printer	N/A -
031148	uPlace™: Electrode holder (included in the standard delivery)	N/A -
031149	Protective cover (included in the standard delivery)	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Mettler Toledo FIVEGO portable pH meter



- Intuitive operation
- Ergonomic
- IP67 protection
- Memory 200 values
- Comes with wrist strap, user manual, electrode holder and batteries



Enter the Cat. No. on www.dulis.nl to see the pH measure guide.

Model	F2 FIVEGO pH / mV bench meter and kit
Measuring range	0.00 to 14.00 pH
	- 1999 to + 1999 mV
Temperature range	0 to 100 °C
Resolution	0.01 pH
	1 mV
	0.1 °C
Accuracy	± 0.01 pH
	± 1 mV
	± 0.5 °C
Temperature compensation	Manual and automatic
Calibration	Max 3 points
Memory	200 measurements
IP	IP67
Power supply	4 x 1.5 V AAA LR03 or 4 x 1.2 V AAA NiMH HR03 › 200 hours
Size/weight	188 x 77 x 33 mm / 260 g

Cat.No.	Description	€
031317	F2 FIVEGO ph meter, F2-Meter series	N/A -
031318	F2 FIVEGO pH meter Kit, F2-Standard series with LE438 IP67 electrode and 2 buffer bags pH 4.01 and 7.00	N/A -
031320	F2 FIVEGO pH meter Kit, F2-Food series with LE427 IP67 electrode, carrying case and 2 buffer bags pH 4.01 and 7.00	N/A -
031319	F2 FIVEGO pH meter Kit, F2-Field series with LE438 IP67 electrode, carrying case and 2 buffer bags pH 4.01 and 7.00	N/A -

Mettler Toledo FIVEGO portable conductivity meter



- Intuitive operation
- Ergonomic
- IP67 protection
- Memory 200 values
- Comes with wrist strap, user manual, electrode holder and batteries



See page 362 for buffer solutions and standard conductivity solutions

Model	F3 FIVEGO conductivity meter and kit
Measuring range	0.00 µS/cm to 200 mS/cm (conductivity)
	0.01 mg/l to 200 g/l (TDS)
Temperature range	0 to 100 °C
Resolution	Auto scale.
	0.1 °C
Accuracy	± 0.5 % measured value
	± 0.5 °C
Temperature compensation	Linear: 0.00 %/ °C to 10 %/ °C Reference temperature 20 or 25 °C
Calibration	1 point
Memory	200 measurements
IP	IP67
Power supply	4 x 1.5 V AAA LR03 or 4 x 1.2 V AAA NiMH HR03 › 200 hours
Size/weight	188 x 77 x 33 mm / 260 g

Cat.No.	Description	€
031321	F3 FIVEGO Conductivity Meter F3-Meter series	N/A -
031322	F3 FIVEGO Conductivity Meter Kit, F3-Standard series with electrode LE703 IP67 and 2 bags of buffer 1413 µS/cm and 12.88 mS/cm	N/A -
031323	F3 FIVEGO conductimeter Kit, F3-Field series with LE703 IP67 electrode, carrying case and 2 buffer bags 1413 µS/cm and 12.88 mS/cm	N/A -

Mettler LE electrode

- Economic model

Cat.No	Description	€
031055	LE redox electrode with BNC connection	N/A -



Model	LE407	LE409	LE410	LE420	LE422	LE427	LE427-IP67	LE438	LE438-IP67
Measuring range	0-14	0-14	0-14	0-14	0-14	1-11	1-11	0-14	0-14
Temperature range	0 to 80 °C	0 to 80 °C	0 to 80 °C	0 to 80 °C	0 to 80 °C	0 to 50°c	0 to 50°c	0 to 80 °C	0 to 80 °C
Connector	BNC	BNC/ RCA (Cinch)	BNC/ RCA (Cinch)	BNC	BNC	BNC	BNC (IP67)	BNC/ RCA (Cinch)	BNC/RCA (Cinch) (IP67)
Junction	Polyester	Ceramic	Ceramic	Removable PTFE	Ceramic	Ceramic	Ceramic	Polyester	Polyester
Body material	POM	Glass	Glass	Glass	Glass	Glass	Glass	POM	POM
Electrode lenght (mm)	120	120	120	120	90	17	17	120	120
Diameter (mm)	12	12	12	12	4.3	6	6	12	12
Integrated temperature probe	No	Yes	Yes	No	No	No	No	Yes	Yes
Cable (m)	1 m	1 m	1 m	1 m	1 m	1 m	2 m	1 m	2 m
Reference system	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl	Ag/AgCl
Electrolyte	Gel	KCl AgCl saturated 3 mol/l	KCl AgCl saturated 3 mol/l	KCl 3 mol/l	Gel	Gel	Gel	Gel	Gel
Membrane	Universal	For high temperature and high pH			Universal	For low temperature and low ionic concentrations		Universal	Universal
Membrane resistance (25 °C)	< 250 MΩ	< 600 MΩ	< 600 MΩ	< 600 MΩ	< 250 MΩ	< 250 MΩ	< 250 MΩ	< 250 MΩ	< 250 MΩ
Cat. No.	**031049**	**031051**	**031304**	**031052**	**031211**	**031053**	**031328**	**031075**	**031327**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Mettler Toledo Seven2Go™ Routine portable pH, conductivity and DO meter

- **Fast, quality data in the field**
- **Simplified menu, automatic probe recognition, calibration reminder system**
- **User-friendly one-handed operation, easy-to-reach buttons**
- **IP67 protection against dust and water: reliable data, even in difficult environments**
- **Supplied with electrode clip, instructions for use, test report, declaration of conformity and batteries**
- **The pH kits contain an InLab® sensor and bags of buffer ph (4.01 / 7.00 / 9.21 / 10.00)**
- **Conductivity meter kits contain a sensor and bags of 143 µS/cm and 12.88 mS/cm standard solution**
- **DO kits contain an InLab® sensor and zero oxygen tablets**

Model	S2 Seven2Go™ Routine pH meter
Ranges of measurement	- 2.00 to 20.00 pH - 1999 to 1999 mV - 5.0 to 105.0 °C
Resolution	0.01 / 0.1 1 0.1 °C
Accuracy	+/- 0.01 pH +/- 1 mV +/- 0.5 °C
Calibration points	5
Set of predefined pH buffers	4

Model	S3 Seven2Go™ Routine Conductivity meter
Conductivity	0.010 µS/cm to 500 mS/cm 0.001 ± 0.5 %
Temperature	- 5 °C to 105 °C 0.1 °C ± 0.2 %
TDS compatible	Yes
Calibration points	1

Model	DO S4 Seven2Go™ Routine
Dissolved oxygen	0.00 to 99.9 mg/l 0.01 / ± 0.2 mg/l
Temperature	0.0 to 60.0 °C
Calibration points	2
Automatic/manual pressure compensation	Yes

Accessories

CatNo.	Description	€
031256	UGo Carrying Case	**N/A -**
031257	Base stand for Seven2Go instrument, for better stability on flat surfaces	**N/A -**
031258	Seven2Go electrode clip and electrode clip covers (4 units)	**N/A -**
031259	Seven2Go wrist strap	**N/A -**
031276	Micro USB to standard USB cable for Seven2Go for PC connectivity or power	**N/A -**
031277	DC wall plug adapter for Seven2Go USB cable, for DC power (Pro instruments only)	**N/A -**



Model S3

Cat.No.	Description	€
031242	s2-Meter portable pH meter	**N/A -**
031243	S2-Standard Portable pH Meter Kit with InLab® Expert Go-ISM- IP67 sensor and buffer bags for pH 4.01 / 7.00 / 9.21 and 10.00	**N/A -**
031244	S2-Field portable pH meter kit with InLab® Expert Go-ISM-IP67 sensor, calibration bottle and carrying case uGo™	**N/A -**
031245	S2-Food portable pH meter kit with InLab® Solids Pro-IP67 sensor, calibration bottle and uGo™carrying case	**N/A -**
031246	S2-Light Portable pH Meter Kit with InLab® Versatile Prosensor	**N/A -**
031247	Portable conductivity meter S3-Meter	**N/A -**
031248	S3-Standard Portable conductivity meter Kitwith InLab® 738-ISM sensor	**N/A -**
031249	S3-Field Portable conductivity meter Kitwith InLab® 738-ISM sensor, calibration bottle and carrying case uGo™	**N/A -**
031250	S3-Bioethanol Portable conductivity meter Kit with InLab® 725 sensor, a conductivity standard 84 µS/cm and a carrying case uGo™	**N/A -**
031251	DO portable S4-Meter	**N/A -**
031252	S4-Standard portable DO Kit with InLab® 605-ISM sensor	**N/A -**
031253	S4-Field portable DO Kit with InLab 605-ISM sensor, calibration bottle and carrying case uGo™	**N/A -**



See page 362 for buffer solutions and standard conductivity solutions

Enter the Cat. No. on www.dulis.nl to see the pH measure guide.



All prices are indicative and exclude VAT. Visit www.dulis.nl

Mettler Toledo Inlab Electrodes

Rapid pH measurement

Common characteristics mol/L

- **Electrode type: Combined pH**
- **Reference system: ARGENTHAL™ with Ag^+ ion barrier**
- **Reference electrolyte: KCl at 3 mol/l**
- **Storage: InLab® storage solution (Cat.number 031341)**

						
InLab	Routine	Pro Routine*	Pro-ISM routine	Science	Pro-ISM science	Versatile Pro
PH range	0 to 14	0 to 14	0 to 14	0 to 12	0 to 12	0 to 14
Temperature range	0 to 100 °C	0 to 100 °C	0 to 100 °C	0 to 100 °C	0 to 100 °C	0 to 100 °C
Temperature sensor	-	NTC 30 kΩ	NTC 30 kΩ	-	NTC 30 kΩ	NTC 30 kΩ
Type of membrane glass	HA	HA	HA	A41		U
Membrane resistance (25 °C)	< 600 MΩ	< 600 MΩ	< 600 MΩ	< 600 MΩ	< 600 MΩ	< 250 MΩ
Junction type	Ceramic	Ceramic	Ceramic	Glass body	Glass body	Ceramic
Electrolytic bridge	-	-	-	-	3 mol/L KCl	-
Connection cable	S7	Multipin	Multipin	S7	MultiPin	1.2 m BNC/RCA cable
Shaft material	Glass	Glass	Glass	Glass	Glass	Polysulfone
Shaft length (mm)	120	120	120	120	170	120
Shaft diameter (mm)	12	13	14	16	17	18
Cat. No.	**031041**	**031071***	**031139**	**031048**	**031135**	**031233**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* The InLab® Routine Pro electrode is also available with a Pt1000 probe

Maintenance-free pH measurement

Common characteristics mol/L

- **Electrode type: Combined pH**
- **Storage: InLab® storage solution (Cat.number 031341)**

					
InLab	Expert	Expert Pro-ISM**	Power	Power Pro-ISM**	Easy
PH range	0 to 14	0 to 14	0 to 12	0 to 12	0 to 14
Temperature range	0 to 100 °C	0 to 100 °C	0 to 130 °C	0 to 130 °C	0 to 80 °C
Temperature sensor	-	NTC 30 kΩ	-	NTC 30 kΩ	-
Type of membrane glass	U	U	A41	A41	U
Membrane resistance (25 °C)	< 250 MΩ	< 250 MΩ	< 600 MΩ	< 600 MΩ	< 250 MΩ
Junction type	Open	Open	Ceramic	Ceramic	Ceramic
Reference electrolyte	XEROLYT polymer	XEROLYT polymer	DPA Gel	DPA Gel	Gel
Connection cable	S7	1.2 m cable, BNC/RCA (Cinch)	S7	MultiPin	S7
Shaft material	PEEK	PEEK	Glass	Glass	Polysulfone
Shaft length (mm)	120	120	120	170	120
Shaft diameter (mm)	12	13	15	16	17
Cat. No.	**031047**	**031133**	**031039**	**031173**	**031199**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

** available in non-ISM version

HA: glass with high alkalinity level and low alkalinity error level for high pH values and temperatures.
U: Universal glass for standard applications and small membranes.
A41: High strength glass, particularly resistant to aggressive chemicals, suitable for high temperatures.
LoT: low-temperature glass with low resistance. Suitable for samples with low temperature and ionic concentration
HF: hydrofluoric acid resistant glass, for samples containing hydrofluoric acid (up to 1 g/l)
ISM: Each ISM electrode offers data security and ease of handling.
PEEK: Extremely robust shaft.

Mettler Toledo Inlab electrodes (continued)

Small volume pH measurement

Common characteristics mol/L

- **Electrode type: Combined pH**
- **Storage: InLab® storage solution (Cat.number 031341)**







InLab	Ultra-Micro-ISM	Micro	Micro Pro-ISM	Semi-Micro	Flex-Micro
PH range	1 to 11	0 to 14	0 to 14	0 to 12	0 to 14
Temperature range	0 to 80 °C	0 to 80 °C	0 to 100 °C	1 to 100 °C	0 to 80 °C
Temperature sensor	-	-	NTC 30 kΩ	-	-
Type of membrane glass	LoT	U	U	A41	U
Membrane resistance (25 °C)	< 700 MΩ	< 1 000 MΩ	< 300 MΩ	< 600 MΩ	< 600 MΩ
Junction type	Ceramic	Ceramic	Ceramic	Open Joction	Porous PTFE
Reference system	ARGENTHAL™	ARGENTHAL™	ARGENTHAL™	ARGENTHAL™	ARGENTHAL™
Reference electrolyte	FRISCOLYT-B	KCl at 3 mol/L	KCl at 3 mol/L	XEROLYT EXTRA	Gel
Connection cable	MultiPin	S7	MultiPin	S7	1 m cable; BNC
Shaft material	Glass	Glass	Glass	Glass	Epoxy
Shaft length (mm)	40	60	130	100	180
Shaft diameter (mm)	3	3	5	6	6
Minimum sample volume (µl)	15	45	100	100	500
Cat. No.	**031356**	**031045**	**031172**	**031046**	**031198**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Combined glass redox electrode

Common features

- **Storage: InLab® storage solution (Cat.number 031341)**
- **Reference system: ARGENTHAL™ with Ag^+ ion barrier**
- **Cable and connection: S7**





InLab	Redox	Redox Micro	Redox Ag
Temperature range	0 to 100 °C	0 to 100 °C	0 to 100 °C
Junction type	Ceramic	Ceramic	Ceramic
Stem length	120	100	120
ø of rod (mm)	12	6	12
Metals	Platinum ring	Platinum ring	Platinum ring
Ref. electrolyte	KCl at 3 mol/L	KCl at 3 mol/L	KNO_3 at 3 mol/L
Storage	KCl at 3 mol/L	KCl at 3 mol/L	KNO_3 at 1 mol/L
Cat. No.	**031054**	**031107**	**031187**
€	**N/A -**	**N/A -**	**N/A -**

Conductivity probes

Common feature

- **Storage: dry**






InLab	731-ISM	741-ISM	710	751-4 mm
Measuring range	0.01 to 1000 mS/cm	0.001 to 500 µS/cm	0.01 to 500 mS/cm	0.01 to 100 mS/cm
Temperature range	0 to 100 °C	0 to 100 °C	0 to 100 °C	0 to 100 °C
Temperature sensor	NTC 30 kΩ	NTC 30 kΩ	NTC 30 kΩ	NTC 30 kΩ
Connection cable	1.2 m Mini-DIN cable	1.2 m Mini-DIN cable	1.2 m Mini-DIN cable	1.2 m Mini-DIN cable
Electrode material	Epoxy	Stainless steel	Glass	Glass
Electrode lenght (mm)	120	120	120	120
Shaft diameter (mm)	12	12	12	4
Cell constant	0.57 cm-1	0.105 cm-1	0.80 cm-1	1 cm-1
Cell type	4-pole graphite	2-pole steel	4-pole platinum	2-pole platinum
Cat. No.	**031136**	**031138**	**031278**	**031214**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Mettler Toledo Solution for the calibration and maintenance of electrodes and probes

pH electrodes calibration Buffers



pH	Volume 250 ml	€	30 bags of 20 ml	€
2	031235	N/A -	-	-
4.01	031217	N/A -	031197	N/A -
7	031218	N/A -	031193	N/A -
9.21	031219	N/A -	031194	N/A -
10.01	031220	N/A -	031234	N/A -
11	031236	N/A -	-	-

pH	Rainbow bags	€
4.01/ 7 / 9.21	031062	N/A -
4.01/ 7/10.01	031195	N/A -

Redox buffer solution (E (Ag/AgCl) at 25 °C)

Cat.No.	Description	€
031063	250 ml bottle Redox buffer solution 220 mV pH 7	N/A -

Electrolytes for reference electrodes

Cat.No.	Description	€
031112	250 ml bottle of KCL 3 mol/l solution	N/A -
031113	250 ml bottle of AgCl saturated KCL solution	N/A -
031196	250 ml bottle of FRISCOLYT-B electrolyte solution	N/A -
031192	25 ml bottle of LiCL 1M/EtOH electrolyte (6 units)	N/A -

Maintenance solutions

Cat.No.	Description	€
031341	250 ml bottle storage solution for InLab pH and Redox probes	N/A -
031114	250 ml bottle of HCl pepsin solution	N/A -
031067	250 ml bottle of thiourea	N/A -
031115	25 ml bottle of reactivation solution for glass electrodes	N/A -

Conductivity standards

Cat.No.	Description	€
031204	250 ml bottle conductivity solution 10 µS/cm	N/A -
673424	250 ml bottle conductivity solution 84 µS/cm	N/A -
031358	250 ml bottle conductivity solution 1413 µS/cm	N/A -
031099	Conductivity solution 1413 µS/cm - box of 30 x 20 ml sachets	N/A -
031100	Conductivity solution 12.88 mS/cm - box of 30 x 20 ml sachets	N/A -
031116	Double junction electrolyte 1 mol/l KNO_3 - 250 ml	N/A -

pH meter - thermometer, immersion pen



Shockproof and waterproof "pen" PH meter.
Suitable for fish farming, aquaculture or water analysis.
Supplied with pH 4 and 7 calibration solutions, to be calibrated at each measurement.

- **Measures pH from 0 to 14 / ± 0.01**
- **Temperature range: 0 to 100 °C, ± 0.8 °C**
- **Integrated functions: Hold, Maxi/Mini**
- **Memory: 100 measurements, with date**
- **IP 67 sealing**
- **Automatic and manual calibration**
- **Dimensions W x D x H: 40 x 32 x 186 mm**
- **Weight: 250 g**
- **Batteries: 4 x AAA**

Cat.No	Description	€
095392	pH meter thermometer, immersion pen	N/A -
098470	Probe for pH meter 095392	N/A -

pH meter with penetration probe



pH meter with penetration probe for food or soil, ideal for use in agriculture or food processing.

- **pH: 0 to 14 / ± 0.02**
- **Automatic and manual calibration**
- **Hold function**
- **IP 65 sealing, 10 min auto stop**
- **Dimensions W x D x H: 40 x 32 x 186 mm**
- **Weight: 250 g**
- **Batteries: 4 x AAA**

Cat.No	Description	€
095393	pH meter with penetration probe	N/A -

Pen Oximeter



- **Measurement of dissolved O_2: 0.0 to 20.0 mg/l (± 0.4 mg/l)**
- **Aerobic O_2 measurement: 0.0 to 100.0 % (± 0.7 %)**
- **Temperature: 0 to 50 °C (± 0.8 °C)**
- **Automatic temperature compensation**
- **Waterproof IP 65**
- **Reading and recall of maximum and minimum values**
- **Auto OFF 10 minutes**
- **Supplied in a case with 2 probes and a storage solution**
- **Dimensions: 180 x 40 x 40 mm**
- **Weight: 175 g**
- **Batteries: 4 x AAA (not included)**

Cat.No.	Description	€
253428	Pen Oximeter	N/A -
253429	Spare electrode for oximeter 253428	N/A -

Submersible conductivity / TDS meter



- **EC: 0 to 2000 µS / 0 to 20 mS (resolution 0.01 mS)**
- **TDS: 0 to 13200 ppm (1 ppm resolution between 0- 1320 ppm, 10 ppm resolution between 1320-13200 ppm)**
- **Accuracy: ± 3%**
- **Temperature: 0 to 60 °C (± 0.8 °C)**
- **10 minute auto shutdown**
- **Automatic or manual temperature compensation**
- **Waterproof IP67**
- **Dimensions: 190 x 40 x 40 mm**
- **Weight: 175 g**
- **Batteries: 4 x AAA (not included)**

Cat.No.	Description	€
253426	Conductivity meter / TDS pen	N/A -
253427	Spare electrode for conductivity meter 253426	N/A -

HANNA High-precision testers for essential parameters

- **Waterproof and robust, floats on water**
- **Large 2-level screen**
- **Integrated temperature sensor for temperature measurement and compensation**
- **Replaceable electrode/probe: quick and easy exchange**
- **Automatic (pH) compensation / automatic (Temperature EC/TDS) correction**
- **Stability indicator for safe reading**
- **Automatic keyboard calibration**
- **HOLD function to freeze a value on the screen**
- **Adjustable TDS factor and temperature coefficient (EC)**
- **Battery power indicator on switch-on (self-extinguishing in case of insufficient power)**
- **Auto-off after 8 minutes of non-use**



6 models to choose from:
- 2 pocket pH meters with temperature range;
- 1 pocket conductivity meter with TDS and temperature ranges;
- 1 pocket instrument for redox measurement with temperature range and with/without pH range;
- 2 multiparameter handheld instruments for pH, conductivity, TDS and temperature measurements.

Accessories

Cat. No.	Description	€
052005	PH 7 and pH 4 Calibration Kit - 20 ml sachets (5 of each)	**N/A -**
052001	Preservation solution - 500 ml bottle	**N/A -**
052002	Cleaning solution for electrodes - 500 ml bottle	**N/A -**
052003	Spare electrode	**N/A -**

HANNA instruments

* In 1 or 2 point with 2 buffer sets stored, (pH 4.01, 7.01, 10.01 or pH 4.01, 6.86, 9.18)
*In 1 point at 1413 µS/cm or 12.88 mS/cm

Testers

Model	HI 98127 pHep 4	HI 98128 pHep 5	HI 98311 DiST 5	HI 98120 Redox	HI 98129 pH/EC Combo	HI 98130 pH/EC Combo
Range						
pH	-2.0 to 16.0 pH	-2.00 to16.00 pH	-	-	0.00 to 14.00 pH	0.00 to 14.00 pH
EC	-	-	0 to 3999 µS/cm	-	0 to 3999 µS/cm	0.00 to 20.00 mS/cm
TDS	-	-	0 to 2000 mg/L	-	0 to 2000 mg/L	0.00 to 10.00 g/L
Redox	-	-	-	±1000 mV	-	-
Temperature	-5.0 to 60.0 °C	-5.0 to 60.0 °C	0.0 to 60.0 °C	-5.0 to 60.0 °C	0.0 to 60.0 °C	0.0 to 60.0 °C
Resolution						
pH	0.1 pH	0.01 pH	-	-	0.01 pH	0.01 pH
EC	-	-	1 µS/cm	-	1 µS/cm	0.01 mS/cm
TDS	-	-	1 mg/l	-	1 mg/l	0.01 g/l
Redox	-	-	-	1 mV	-	-
Temperature	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C	0.1 °C
Accuracy (at 20 °C)						
pH	± 0.1 pH	± 0.05 pH	-	-	± 0.05 pH	± 0.05 pH
Full scale EC/TDS	-	-	± 2%	-	± 2%	± 2%
Redox	-	-	-	±2 mV	-	-
Température	± 0.5 °C	± 0.5 °C	± 0.5 °C	± 0.5 °C	± 0.5 °C	± 0.5 °C
Calibration						
pH	Automatic*	Automatic*	-	-	Automatic*	Automatic*
EC/TDS	-	-	Automatic**	-	Automatic**	Automatic**
Auto temp. compensation	Yes	Yes	Yes	-	Yes	Yes
Battery type	4 x 1.5 V	4 x 1.5 V	4 x 1.5 V	4 x 1.5 V	4 x 1.5 V	4 x 1.5 V
Battery life(hours)	300	300	300	300	300	300
Battery Error Prevention System	Yes	Yes	Yes	Yes	Yes	Yes
Auto-off after 8 min.	Yes	Yes	Yes	Yes	Yes	Yes
Dimensions / Weight	163 x 40 x 26 mm / 85 g					
Cat.No.	**052000**	**052384**	**052427**	**052389**	**052436**	**052437**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

HI 5000 Series Research Quality pH Meters and Multiparameter pH Meters



- **Large graphic display**
- **Dirt-resistant touch keyboard**
- **Contextual help menu**
- **CalCheck pH calibration function**
- **Automatic or manual storage of measurements**
- **USB port for connection to a computer**
- **GLP compliance**

hI 5221 and HI 5222 pH meterssupplied with:
• supplied with HI 1131B combination pH electrode;
• Temperature probe HI 7662-W;
• bag of buffer solutions pH 4, pH7;
• cleaning solutions for electrodes;
• electrolyte solution;
• electrode holder;
- AC adapter.

hI 5521 and HI 5522 multiparameter pH meterssupplied with:
• supplied with HI 1131B combination pH electrode;
- EC/TDS HI 76312 probe;
• Temperature probe HI 7662-W;
• bag of buffer solutions pH 4, pH7;
• cleaning solutions for electrodes;
• electrolyte solution;
• a dosing pipette;
• electrode holder;
- AC adapter.

Ranges		pH meters		pH meters and multiparameters	
Model		HI 5221	HI 5222	HI 5521	HI 5522
pH-metry	Range	- 2.0 to 20.0 pH / -2.00 to 20.00 pH / -2.000 to 20.000 pH			
	Resolution	0.1 pH / 0.01 pH / 0.001 pH			
	Accuracy	± 0.1 pH / ± 0.01 pH / ± 0.002 pH			
Redox	Range	± 2000 mV			
	Resolution	0.1 mV			
	Accuracy	± 0.2			
Conductivity	Range	-		0.000 to 1000 mS/cm	
	Resolution	-		From 0.001 µS/cm to 1 mS/cm	
	Accuracy	-		± 1%	
Resistivity	Range	-		1.00 Ohm-cm to 100.0 MOhm-cm	
	Resolution	-		From 0.01 Ohm-cm to 0.1 MOhm-cm	
	Accuracy	-		± 2 %	
TDS	Range	-		0.000 mg/l at 400 g/l	
	Resolution	-		From 0.001 mg/l to 0.1 g/l	
	Accuracy	-		± 1 %	
Salinity	Range	-		Practical salinity: 0 to 42 g/l / sea water: 0.00 to 80.00 g/l 0.0 to 400.0%	
	Resolution	-		0.01 g/l / 0.1 %	
	Accuracy	-		± 1 %	
Ionometry	Range	-	1.00 x 10^{-7} to 9.99 x 10^{10} conc. 105 to 0.005 ppm	-	1.00 x 10-7 to 9.99 x 1010 conc. 105 to 0.005 ppm
	Resolution	-	0.01 to 1	-	0.01 to 1
	Accuracy	-	± 1 %	-	±1%
Temperature	Range	- 20 to 120 °C			
	Resolution	0.1 °C			
	Accuracy	± 0.2 °C			
PC connection		Optically isolated USB port			
Dim. (W x D x H) (mm)		160 x 231 x 94			
Weight (kg)		1.2			
Cat. No.		**052409B**	**052412B**	**052411B**	**054585**
€		**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessories

Cat. No.	**Description**	**€**
052015	Electrode holder	**N/A -**
052025	RS 232 cable for PC connection	**N/A -**

HANNA EDGE BLU pH pH/mV meter

1st Bluetooth® pH meter

- **Technologie Bluetooth® Smart technology: no need for a cable between the pH meter and the HALO®probe, low power consumption (BLE) with integrated temperature sensor**
- **Max distance: 10 metres**
- **GLP compliant: date, time, o-point, slope and buffer solutions used for calibration are stored**
- **Cal-check indication: electrode condition, response time, buffer solutions quality, electrode cleanliness**
- **Internal memory: on demand, at the end point and in automatic storage - transfer via USB stick or PC**
- **Simplified mode: ideal for routine measurements**
- **Standard mode: for more accurate measurements**
- **Intuitive operation**

TIP
See the characteristics of the HANNA EDGE tablet (see page 366)



pH	Range	-2 to 16 (simplified mode)
		-2 to 16 (standard mode)
		pH in mV: ± 1000 mV
	Resolution	0.01 pH (simplified mode)
		0.001 pH (standard mode)
		pH in mV: 0.1 mV
	Accuracy at 25 °C	± 0.01 pH (simplified mode)
		0.002 pH (standard mode)
		pH in mV: ± 0.2 mV
	Calibration	Simplified mode: in 3 points with 5 buffers stored (4.01; 6.86; 7.01; 9.18 and 10.01)
		Standard mode: 5-point with 7 stored buffers (1.68; 4.01 or 3; 6.86; 7.01; 9.18; 10.01; 12.45) and 2 user buffers
	Temperature compensation	Automatic from - 5 to 100 °C (with integrated temperature sensor)*
	Cal-Ckeck	Electrode status, response time and calibration interval control
Temperature	Range	-20 to 120 °C
	Resolution	0.1 °C
	Accuracy at 25 °C	± 0.5 °C
Memory	Up to 1000 measurements (400 in simplified mode): 200 measurements on demand; 200 at the end point; 600 in automatic memory	
Connectivity	1 USB port for transfer to USB stick; 1 micro-USB port for charging and PC connection	
Supplied with	PH electrode HI11102 gel electrolyte, glass body, integrated temperature sensor, Bluetooth® smart connection, buffer solutions 4 and 7 in sachets (2 of each), cleaning solution (2 sachets of 25 ml), 5V power adapter and CR2032 battery	
Dimensions / weight	202 x 140 x 12.7 mm / 250 g	
Cat. No.	**054621**	
€	**N/A -**	

*within the temperature range of the connected probe





Solutions

Cat. No.	Description	€
052482	Storage solution for electrodes - 230 mL bottle	**N/A -**
052186	Electrolyte solution for double-junction electrodes (4 x 30 ml)	**N/A -**
052079	PH 4.01 solution - 25 x 20 ml sachets	**N/A -**
052080	PH 7.01 solution - 25 x 20 ml sachets	**N/A -**
052081	PH 10 Solution - 25 x 20ml sachets	**N/A -**

HALO® Bluethooth®Electrodes

Model	HI 11102	HI 11312	HI 12302	FC 2022	HI 10832	HI 13302	FC 2142	HI 12922	HI 14142
Junction	Ceramic	Ceramic	Ceramic	Open junction	Open	Open	Open	Triple ceramic	Open
Electrolyte	Gel	3.5 M KCl	Gel	Viscolene	Viscolene	Viscolene	Viscolene	Viscolene	Viscolene
Range	0 to 12	0 to 13	0 to 12	0 to 12	0 to 13	0 to 13	0 to 12	0 to 13	0 to 12
Operating temperature	-5 to 80 °C	-5 to 80 °C	-5 to 70 °C	0 to 60 °C	0 to 50 °C	0 to 50 °C	0.0 to 60.0 °C	0 to 50 °C	0 to 50 °C
Temperature sensor	Integrated	Integrated	Integrated	Integrated	-	-	Integrated	-	Integrated
Electrode material	Glass	Glass	PE	PVDF	Glass	Glass	PVDF	Glass	Glass
Uses	General in the laboratory	General in the laboratory	On the field	Dairy products (milk, cheese, yoghurt), semi-solid foods	Sample < 100µl	Test tube	Beer	Soil	Agar measurement
Connection	Bluethooth® smart (Bluethooth® 4.0) range 10 meters								
Battery / Lifetime	CR2032 3V / Approx. 500 hours continuous use								
Cat. No.	**054622**	**054623**	**054624**	**054625**	**523931**	**523930**	**523932**	**523924**	**523918**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

hanna EDGE single or multiparameter pH meter



Mulitparameters

Single-parameter

Measure pH, conductivity or dissolved oxygen with the EDGE tablet and its smart digital probe kits!

Features

- **Measurements: pH, conductivity or oximetry**
- **Configurations, calibrations, diagnostics**
- **Internal memory (1000 measurements) or data transfer (PC or USB stick)**
- **Basic mode: ideal for routine measurements, with a simplified display**
- **Expert mode: for full instrument setup**
- **GLP compliance: storage of the last calibration data in the digital probe (when connected to the EDGE tablet, this information is transferred automatically)**
- **Automatic recognition of digital probes when connected**
- **CAL-Check function: checks that the calibration procedures are carried out correctly. (Only for pH measurements)**
- **Sensor Check function (HI 12301 and HI11311 digital pH probes only): monitoring of electrode impedance, detecting any related malfunction**
- **Multi-parameter models accept all digital probes**

EDGE is available in 3 kits: pH, EC or DO.
Each kit contains:
- The EDGE tablet
- Docking and charging station, with electrode holder
- Wall bracket
- USB cable
- 5V power adapter
- Operating guide
- + the specific contents of each kit (see below)



The tablet

- **Very thin: 13 mm thick**
- **Ultra-light: 250 g**
- **Glass front panel: can be used with gloves, glass protects the front of the tablet**
- **LCD display: 5.5 inch (14 cm), excellent readability, all displays in text messages**
- **Capacitive keypad**
- **2 USB ports (1 USB for memory stick, 1 mini-USB to PC)**
- **Rechargeable via mains and USB**
- **3.5 mm jack: robust, 'break-proof' connection**
- **Ergonomics: zero clutter, can be used in hand, on the bench or wall-mounted (bracket and wall-mount supplied with the kits)**

	PH Kit		EC kit (conductivity)		DO kit (oximetry)	
Contains	- HI 11310 Digital pH electrode, refillable, glass body with a built-in temperature sensor. - Buffer solution sachets (pH 4, 7 and 10): 2 of each) - Cleaning solution for electrodes - Quality certificate		- HI 76310 conductivity probe with a built-in temperature sensor - Calibration solution sachets (1413 µS/cm and 12880 µS/cm, 3 each) - Quality certificate		- HI 764080 Dissolved Oxygen probe with a built-in temperature sensor - HI 7041S electrolyte solution - 2 membranes and 2 seals for dissolved oxygen probe - Quality certificate	
Range	- Basic mode: - 2.00 to 16.00 pH - Standard mode: - 2.000 to 16.000 pH ± 1000.0		From 0.00 µS/cm to 500 mS/cm (absolute conductivity) - TDS and salinity		- 0.00 to 45.00 mg/l (ppm) - 0.0 to 300% oxygen saturation	
Resolution	0.01 pH; 0.001 pH; 0.1 mV		**** Download the full brochure at www.dulis.nl for all information***		0.01 mg/l (ppm); 0.1% saturation	
Accuracy	(at 25 °C) ± 0.01 pH; ± 0.002 pH; ± 0.2 mV				1.5% of reading ± 1 digit	
Calibration	- Basic mode: in 3-point; standard mode: in 5-point - 7 standard buffers stored + 2 user-defined specific buffers*		- Calibration to 0 (in air) and cell constant factor - 6 standards to choose from		- In 1 or 2 points at 0% (with HI 7040 solution) and 100% (in air)	
Temperature compensation	Automatic from - 20.0 °C to 120.0 °C		Automatic from -20.0 °C to 120.0 °C (Can be switched off for absolute conductivity measurement)		Automatic from 0 °C to 50 °C	
Cat. No.	**523674****	**054503*****	**523703****	**054504*****	**523704****	**054505*****
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

** Single-parameter
*** Multiparameters



Docking and charging station, with electrode holder

Wall bracket

USB cable

5V power adapter

Additional digital electrodes/probes

The following digital probes, including those included in the kits, are the only ones compatible with the EDGE pH meter. Supplied with a 1 m cable.

Cat.No	Measures	Model	Body	Filling	Junction	Temperature sensor	Entrance** differential	€
054506	pH	HI 11310	Glass	Yes	Double	Integrated	No	**N/A -**
054507	pH	HI 11311	Glass	Yes	Double	Integrated	Yes	**N/A -**
054508	pH	HI 12300	Plastic	Gel	Double	Integrated	No	**N/A -**
054509	pH	HI 12301	Plastic	Gel	Double	Integrated	Yes	**N/A -**
054510	pH	HI 10530	Glass	Yes	Simple	Integrated	No	**N/A -**
054511	pH	HI 10430	Glass	Yes	Double	Without	No	**N/A -**
054512	Conductivity	HI 763100	-	-	-	Integrated	No	**N/A -**
054513	Oximetry	HI 764080	-	-	-	Integrated	No	**N/A -**

**The differential input is specific to the Sensor Check function.

WEB

Download the full EDGE datasheets at www.dulis.nl for full probe information and more technical data.

HI 99300 and HI 99301 compact conductivity / TDS meters

- **Compact, waterproof case**
- **Simultaneous display of conductivity (or TDS) and temperature**
- **Delivered in a case**
- **Easy to use**
- **Automatic correction of temperature measurements**
- **Low battery warning indicator**
- **Quick DIN connector with coding**

Model		HI 99300	HI 99301
Range	Conductivity	0 to 3999 µS/cm	0.00 to 20.00 mS/cm
	TDS	0 to 2000 mg/l (ppm)	0.00 to 10.00 g/l (ppt)
	Temperature	5.0 to 105.0 °C	
Accuracy	Conductivity	± 2 % full scale	
	TDS	± 2 % full scale	
	Temperature	± 0.5 °C	
TDS Conversion factor		Adjustable from 0.45 to 1.00 in steps of 0.01	
Calibration		Automatic 1-point at 1413 µS/cm	Automatic 1-point at 12.88 mS/cm
Temperature correction		Automatic with adjustable ß from 0.0 to 2.4 %/ °C	
Power supply		3 x 1.5 V AAA batteries	
Dimensions (mm)		154 x 63 x 30	
Weight (g)		196	
Supplied with		Conductivity probe 523966	
		Calibration solution 1413 µS/cm (20 ml)	Calibration solution 12.88 mS/cm (20 ml)
		Calibration solution 1382 mg/l (20 ml)	Calibration solution 6.44 g/l (20 ml)
		cleaning solution (2 x 20 ml)	
		1 beaker	
		Batteries	
		Carrying case	
Cat. No.		**052434B**	**052435B**
€		**N/A -**	**N/A -**



Accessories

Cat. No.	Description	€
523966	Conductivity probe	**N/A -**
523954	Orange protective case	**N/A -**
523955	Blue protective case	**N/A -**

Calibration solution

Cat. No.	Value	Pack.	€
052155	1413 µS/cm	25 x 20 ml sachets	**N/A -**
052153	12800 µS/cm	25 x 20 ml sachets	**N/A -**
052171	1382 mg/l	25 x 20 ml sachets	**N/A -**
052177	6.44 g/l	25 x 20 ml sachets	**N/A -**

Compact multiparameters HI 991300 and HI 991301

- **Compact, waterproof case**
- **4 measuring devices in 1**
- **Simplified keyboard calibration**
- **Automatic temperature compensation**
- **% battery charge indicated when the device is switched on**
- **Warranty: 2 years**
- **Quick DIN connection**

Supplied with:

- a carrying case;
- a pH/EC/TDS/T° probe.

Model	HI991300	HI991301
Range	pH -2.00 to 16.00 / -2.0 to 16.0	
	mV: ± 825 mV	
	EC: 0 to 3999 µs/cm	EC: 0.00 to 20.00 mS/cm
	TDS: 0 to 2000 mg/l (ppm)	TDS: 0.00 to 10.00 g/l (ppt)
	Temperature: - 5.0 to 105.0 °C	
Accuracy	± 0.02/± 0.1	
	mV: ± 1 mV	
	EC/ TDS: ± 2 % full scale	
	Temperature: ± 0.5 °C	
Calibration	pH 1 or 2 points	
	EC / TDS: 1 point at 1413 µS/cm or 1382 mg/l	
Temperature compensation	Automatic	
Power supply	3 x 1.5V AAA batteries	
Dimensions (mm)	154 x 63 x 30	
Weight (g)	196	
Cat. No.	**052391B**	**052392B**
€	**N/A -**	**N/A -**



Accessories

Cat.No	Description	€
524007	PH/EC/TDS/Temperature probe with 1 m cable Quick Din connector	**N/A -**
523955	Blue protective case	**N/A -**
052153	Calibration solution 12880 µS/cm, 25 x 20 ml sachets	**N/A -**
052177	Calibration solution 6.44 g/L, 25 x 20 ml sachets	**N/A -**
052455	Calibration solutions 1413 µS/cm and pH 7, 10 x 20 ml	**N/A -**
052456	Calibration solutions 1500 mg/L and pH 7, 20 ml bags, 10 of each	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hanna HI 98192 conductivity meter



- 6 conductivity measurement ranges
- 7 resistivity measurement ranges from 0.1 Ω.cm to 100.0 MΩ.cm
- USP Compliant ‹ 645 › for purified water and injectable preparations
- GLP compliance: storage of the last calibration data in the digital probe
- Automatic recognition of the probe per instrument
- Adjustable temperature coefficient
- Automatic calibration of up to 5 points
- Powered by 4 x 1.5 V batteries
- IP67
- Internal memory: 400 measurements on demand, 1000 in automatic memory
- Transfer to a PC via micro USB port (software required)

Supplied with:
- case with 4-ring conductivity probe HI763133;
- with DIN connector and 1 m cable;
- standard solutions 1413 µS/cm (230 ml) and 111.8 mS/cm (230 ml);
- 2 x 100 ml plastic beakers;
- data transfer software, mini USB cable and batteries.

Accessories

Cat.No	Description	€
523706	Conductivity probe HI 763133	N/A -
052018	Solution 84 µS/cm (500 ml)	N/A -
052019	Solution 1413 µS/cm (500 ml)	N/A -
052020	Solution 12880 µS/cm (500 ml)	N/A -
052021	Solution 80000 µS/cm (500 ml)	N/A -
052022	Solution 111800 µS/cm (500 ml)	N/A -

* The conductivity range 0.001 µS/cm and resistivity 0.1 MΩ.cm cannot be measured with probes with a 4 m cable.

See full technical specifications at www.dulis.nl



EC	Range	0.001 to 9.999 µS/cm*; 10.00 to 99.99 µS/cm; 100.0 to 999.9 µs/cm; 1.000 to 9.999 mS/cm; 10.00 to 99.99 mS/cm; 100.0 to 1000.0 mS/cm
	Accuracy	± 1 % of measured value (±0.01 µS/cm or 1 digit (whichever is greater))
	Calibration	Automatic up to 5 points with 7 standard buffers stored (0.00 µS/cm; 84 µS/cm; 1413 µS/cm; 5 mS/cm; 12.88 mS/cm; 80 mS/cm; 111.8 mS/cm)
Temperature	Range	- 20 to 120 °C
	Resolution	0.1 °C
	Accuracy	± 0.2 °C (excluding sensor error)
Temperature correction		Without correction, linear (-20 to + 120 °C), non-linear (0 to 36 °C)-ISO/DIN 7888
Measurement mode		Automatic selection, selection at final value, selection of range set at measured value and manual range selection by user
Reference temperature		15 °C; 20 °C; 25 °C
Temperature coefficient		0.00 to 10.00 %/ °C
Cat. No.		**523702**
€		**N/A -**

HI 5321 Research Quality Conductivity Meter

- Large graphic display
- Dirt-resistant touch keyboard
- Contextual help menu
- Automatic 4-point calibration for high accuracy
- 4 ring platinum conductivity probe with replatinisation function
- Temperature coefficient adjustable from 0 to 10%
- Automatic or manual storage of measurements
- USB port for connection to a computer
- GLP compliance

Delivered with:
- Conductivity probe HI 76312,
- Calibration solutions 1413 µS/cm, 5000 µS/cm and 12880 µS/cm,
- rinsing solutions,
- electrode holder,
- AC adapter.



Conductivity	Range	0.000 to 1000 mS/cm
	Resolution	From 0.001 µS/cm to 1 mS/cm
	Accuracy	± 1%
Resistivity	Range	1.00 Ohm-cm to 100.0 MOhm-cm
	Resolution	From 0.01 Ohm-cm to 0.1 MOhm-cm
	Accuracy	± 2 %
TDS	Range	0.000 mg/l at 400.0 g/l
	Resolution	From 0.001 mg/l to 0.1 g/l
	Accuracy	± 1 %
Salinity	Range	Practical salinity: 0.00 to 42.00 g/l Sea water: 0.00 to 80.00 g/l NaCl %: 0.0 to 400.0 %
	Resolution	Practical salinity: 0.01 g/l Sea water: 0.01 g/l NaCl %: 0.1 %
	Accuracy	± 1 %
Temperature	Range	- 20 to 120 °C
	Resolution	0.1 °C
	Accuracy	± 0.2 °C
Memorization		Up to 10 batches and 5000 measurements per batch
PC connection		Optically isolated USB port
Dim. W x D x H (mm)		160 x 231 x 94
Weight (kg)		1.2
Cat. No.		**052410B**
€		**N/A -**

Ready-to-use Hanna standard solutions

The guarantee of quality and traceability
HANNA Instruments buffers are manufactured with NIST-certified reference materials and standardized with a pH meter calibrated to a primary standard that is also NIST-certified.

Designed to suit a wide range of applications, they are available in a variety of packaging options:
- in 20 ml sealed plastic bags for field use, single use, eliminating all risk of contamination;
- in 500 ml vials for the laboratory.

* Solutions delivered with certificates



Buffer solutions Kit

Cat. No.	Description	The	€
052408*	Buffer solutions pH 4.01 and 7.01	5+5 x 20 ml	N/A -
052005	Buffer solutions pH 4.01 and 7.01	5+5 x 20 ml	N/A -
052414*	Buffer solutions pH 7.01 and 10.01	5+5 x 20 ml	N/A -
052415	Buffer solutions pH 7.01 and 10.01	5+5 x 20 ml	N/A -

Ready-to-use conductivity and TDS solutions

Cat. No.	µS/cm	the	€
Conductivity solutions			
052153	12880	25 x 20 ml	N/A -
052154*	12880	25 x 20 ml	N/A -
052020	12880	500 ml	N/A -
052155	1413	25 x 20 ml	N/A -
052156*	1413	25 x 20 ml	N/A -
052019	1413	500 ml	N/A -
052018	84	500 ml	N/A -
052021	80000	500 ml	N/A -
052022	111800	500 ml	N/A -
052160	5000	25 x 20 ml	N/A -
052161*	5000	25 x 20 ml	N/A -
052162	5000	500 ml	N/A -
Special conductivity solutions food industry			
052163	12880	500 ml	N/A -
052164	1413	500 ml	N/A -
052165	84	500 ml	N/A -
052166	80000	500 ml	N/A -
052167	111800	500 ml	N/A -
052168	5000	500 ml	N/A -

Cat. No.	g/l	the	€
Standard TDS solutions			
052169	0.8	25 x 20 ml	N/A -
052170*	0.8	25 x 20 ml	N/A -
052171	1.382	25 x 20 ml	N/A -
052172*	1.382	25 x 20 ml	N/A -
052173	1.382	500 ml	N/A -
052174	1.5	25 x 20 ml	N/A -
052176	1.5	500 ml	N/A -
052177	6.44	25 x 20 ml	N/A -
052178*	6.44	25 x 20 ml	N/A -
052179	12.41	500 ml	N/A -

Ready-to-use redox solutions

Cat. No.	Description	The	€
052102	Test solution 240 mV	500 ml	N/A -
052103	Test solution 470 mV	500 ml	N/A -

Preservation solutions for electrodes

Cat.No	Description	The	€
052001	Storage solution for pH electrodes	500 ml	N/A -
052180	Storage solution, opaque bottle for pH electrodes	500 ml	N/A -
052181	Reductive redox solution	500 ml	N/A -
052182	Oxidising redox solution	500 ml	N/A -

Electrolyte solutions (for filling electrodes)

Cat.No	Description	The	€
052104	Electrolyte 3.5M KCl + AgCl for electrodes single-junction	4 x 30 ml	N/A -
052183	Electrolyte 3.5M KCl + AgCl, opaque flasks for single-junction electrodes	4 x 30 ml	N/A -
052184	Electrolyte 1M KNO 3 for electrodes double-junction	4 x 30 ml	N/A -
052186	Electrolyte 3.5M KCl for electrodes double-junction	4 x 30 ml	N/A -
052187	Electrolyte 3.5M KCl, opaque flasks for double-junction electrodes	4 x 30 ml	N/A -
052188	Electrolyte 1M KCl + AgCl, opaque flasks for double-junction electrodes	4 x 30 ml	N/A -

Ready-to-use pH standard solutions

Cat. No.	pH	The	€
Standard solutions			
052117	1.68	500 ml	N/A -
052079	4.01	25 x 20 ml	N/A -
052082*	4.01	25 x 20 ml	N/A -
052012	4.01	500 ml	N/A -
052077*	4.01	500 ml	N/A -
052005	4.01+7.01	5+5 x 20 ml	N/A -
052408*	4.01+7.01	5+5 x 20 ml	N/A -
052383	4.01	1 l	N/A -
052118	6.86	25 x 20 ml	N/A -
052119*	6.86	25 x 20 ml	N/A -
052120	6.86	500 ml	N/A -
052121*	6.86	500 ml	N/A -
052080	7.01	25 x 20 ml	N/A -
052083*	7.01	25 x 20 ml	N/A -
052013	7.01	500 ml	N/A -
052076*	7.01	500 ml	N/A -
052382	7.01	1 l	N/A -
052415	7.01+10.01	5+5 x 20 ml	N/A -
052414*	7.01+10.01	5+5 x 20 ml	N/A -
052122	9.18	25 x 20 ml	N/A -
052123*	9.18	25 x 20 ml	N/A -
052124	9.18	500 ml	N/A -
052125*	9.18	500 ml	N/A -
052081	10.01	25 x 20 ml	N/A -
052084*	10.01	25 x 20 ml	N/A -
052014	10.01	500 ml	N/A -
052078*	10.01	500 ml	N/A -

Cat. No.	pH	The	€
Technical standard solutions			
052126	1.00	500 ml	N/A -
052127	2.00	500 ml	N/A -
054495	3.00	25 x 20 ml	N/A -
052129	3.00	500 ml	N/A -
052130	5.00	500 ml	N/A -
052131	6.00	500 ml	N/A -
052132	8.00	500 ml	N/A -
052133	9.00	500 ml	N/A -
052134	11.00	500 ml	N/A -
052135	12.00	500 ml	N/A -
052136	13.00	500 ml	N/A -
High resolution standard solutions			
052137	1.00	500 ml	N/A -
052138	4.010	500 ml	N/A -
052139	6.00	500 ml	N/A -
052140	7.010	500 ml	N/A -
052141	9.177	500 ml	N/A -
052142	10.010	500 ml	N/A -
Special agri-food standard solutions			
052143	4.01	500 ml	N/A -
052144*	4.01	500 ml	N/A -
052145	6.86	500 ml	N/A -
052146*	6.86	500 ml	N/A -
052147	7.01	500 ml	N/A -
052148*	7.01	500 ml	N/A -
052149	9.18	500 ml	N/A -
052150*	9.18	500 ml	N/A -
052151	10.01	500 ml	N/A -
052152*	10.01	500 ml	N/A -

Cleaning solutions for pH electrodes

Cat.No	Solutions Applications	The	€
052189	Rinsing Solution	25 x 20 ml	N/A -
052190	For general use and agriculture	25 x 20 ml	N/A -
052002	For general use	500 ml	N/A -
052191	For general use, opaque bottle	500 ml	N/A -
052105	For proteins	500 ml	N/A -
052192	For proteins, opaque bottle	500 ml	N/A -
052193	For inorganic materials	500 ml	N/A -
052106	For oils and fats	500 ml	N/A -
052194	For oils and fats, opaque bottle	500 ml	N/A -
054619	For the cosmetic industry for oils and fats	1 x 500 ml	N/A -
052197	For meats	25 x 20 ml	N/A -
052198	For wine deposits (tartar)	25 x 20 ml	N/A -
052199	For wine stains	25 x 20 ml	N/A -
052200	For milk	25 x 20 ml	N/A -
052201	For dairy products for disinfection of the electrode	25 x 20 ml	N/A -
052202	For cheese	25 x 20 ml	N/A -
052203	For soils (ground, compost)	25 x 20 ml	N/A -
052204	For soils (compost, humus)	25 x 20 ml	N/A -
052205	For salt deposits (process)	25 x 20 ml	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

HANNA combined electrodes

Filling solution for single junction electrodes, use HI 7071 3.5M KCl/AgCl solution - Cat. No. 052104.
Filling solution for double junction electrodes, use HI 7082 3.5M KCl solution - Cat. No. 052186.

Cat. No.	Model	Junction	Form	Connector	Pressure Bar/PSI	Cable	Range (°C)	Body	Junction	Cell	€
Combined pH electrodes											
052113	HI 1043B	1 ceramic ø 1.2 mm	Spherical ø 9.5 mm	BNC	0.5/7.25	Coaxial	-5/+100	Glass	Double	Filling	**N/A -**
052111	HI 1053B	3 ceramic ø 1.2 mm	Conical 12 x 12 mm	BNC	0.5/7.25	Coaxial	-5/+100	Glass	Simple	Filling	**N/A -**
052086	HI 1083B	Direct contact	Spherical ø 3 mm	BNC	0.1/1.45	Coaxial	0/+50	Glass	Simple	ViSpherical ø 7.5 mmolene	**N/A -**
052011	HI 1131B	1 ceramic ø 1.2 mm	Spherical ø 9.5 mm	BNC	0.5/7.25	Coaxial	-5/+100	Glass	Simple	Filling	**N/A -**
052210	HI 1330B	1 ceramic ø 1.2 mm	Spherical ø 5 mm	BNC	0.5/7.25	Coaxial	-5/+100	Glass	Simple	Filling	**N/A -**
052006	HI 1230B	1 ceramic ø 1.2 mm	Spherical ø 7.5 mm	BNC	0.1/1.45	Coaxial	0/+80	Ultem®	Double	Gel	**N/A -**
052235	HI 2031B	1 ceramic ø 1.2 mm	Conical 6 x 10 mm	BNC	0.5/7.25	Coaxial	-5/+100	Glass	Simple	Filling	**N/A -**
Combined platinum Redox Electrodes											
052101	HI 3131B	1 ceramic	Metal rod ø 1 mm	BNC	0.5/7.25	Coaxial	-5/+100	Glass	Simple	Filling	**N/A -**


HI 1043


HI 1053


HI 1083


HI 1230

TRIS electrode



Special glass electrode TRIS HI1144B.

Cat. No.	Description	€
052371	TRIS Special electrode	**N/A -**

Find all HANNA electrodes and their technical characteristics on www.dulis.nl



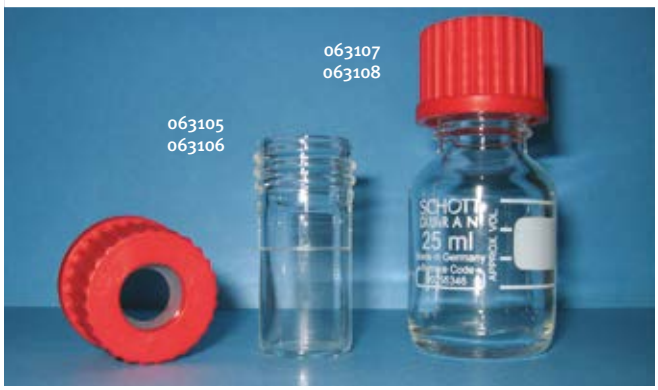
Universal support arm with "multi-position" electrodes



- **Made of ABS and steel**
- **High stability thanks to its metal base**
- **Special for working at different heights and positions**
- **360° rotation**
- **Length of each arm: 215 mm**
- **End of the arm with devices for coupling both 2 electrodes of ø 16 mm, 2 electrodes of ø 14 mm and a temperature probe of ø 0.5 mm**

Cat. No.	Description	€
068594	Arm with electrode holder	**N/A -**

Reservoir bottles for electrode protection



- **Fits over the electrodes and keeps them in contact with the electrolyte solution**
- **Sealed system to prevent evaporation and salt deposits**
- **Borosilicate glass**
- **With screw cap and seal**
- **Indelible circular line, maximum level of electrolyte**

Cat. No.	Description	€
063105	Protelec bottle for ø 8 mm electrodes	**N/A -**
063106	Protelec bottle for ø 12 mm electrodes	**N/A -**
063107	Protelec storage bottle for ø 8 mm electrodes	**N/A -**
063108	Protelec storage bottle for ø 12 mm electrodes	**N/A -**

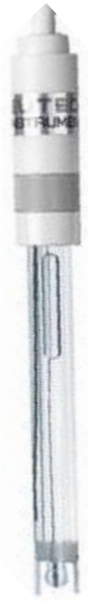
eUTECH pH meter

- Memory 150 values
- Large display
- IP67
- 3 year warranty
- Floating case
- Supplied with Grip-Clip™ electrode holder
- Automatic buffer recognition

pH	Range	-2.00 to 16.00
	Resolution	0.01
	Accuracy	± 0.01
	Calibration	Up to 5 points (NIST buffer) Up to 6 points (DIN buffer)
mV	Range	± 2000 mV
	Resolution	0.1 (± 999.9 mV); 1 mV below
	Accuracy	± 0.2 mV + 2 Digit or ± 0.5% of measured value
	Calibration	± 200 mV
Temperature	Range	-10.0 to 110.0 °C
	Resolution	0.1 °C
	Accuracy	± 0.5 °C
Temperature compensation	Automatic or manual between -10 and 110 °C	
Connectivity	BNC	
Memory	150 values	
Dimensions	23 x 23 x 7 cm	
Weight	0.7 kg	
Cat. No.	**262724**	
€	**N/A -**	

262724





262782

Electrode

Measuring range	0 to 13
Temperature sensor	No
Cat. No.	Ag/AgCl
Filling	No
Junction	Double
Dimensions (mm)	90 x 12
Cable length	1 m
Connectivity	BNC
Cat. No.	**262782**
€	**N/A -**

Temperature probe

Cat. No.	Description	€
262783	Temperature probe	**N/A -**

pH / Conductivity meter Eutech PC450

- Accepts either a pH electrode and a conductivity probe, or a probe combining the 2 parameters
- IP67
- Large backlit display
- Grip Clip™ electrode holder
- Memory: 500 values

PH range	-2.00 to 16.00
PH accuracy	± 0.01
MV range	± 2000
Resolution	0.1 (± 999.9 mV) 1 (remaining range)
Accuracy mV	± 0.2 mV +2 x last significant digit or ± 0.5% of reading value
Conductivity range	0 to 200 mS/cm
Resolution	0.01 µS to 0.1 mS
Conductivity accuracy	± 1 % full scale
Temperature range	-10.0 to 110.0 °C
Accuracy	± 0.5 °C
Port	RS 232 and USB
Power supply	2 x 1.5V AA batteries
Dimensions	200 x 83 x 57 mm
Weight	0.5 kg

Cat.No	Description	€
262949	pH / conductivity meter PC450 delivered without electrode	**N/A -**
262952	pH / conductivity meter PC450 supplied with pH electrode and conductivity probe	**N/A -**
262953	pH / conductivity meter pC450 supplied with pH electrode and conductivity probe in case	**N/A -**
262950	pH / conductivity meter PC450 with combi pH / conductivity electrode	**N/A -**
262951	pH / Conductivity meter pC450 with combi pH / Conductivity electrode in case	**N/A -**



Accessories

Cat.No	Description	€
262782	Double junction pH electrode with 1 metre cable BNC connector	**N/A -**
262929	Conductivity probe glass body K = 0.1	**N/A -**
262930	Conductivity probe glass body k = 1	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

eUTECH pH700 benchtop pH-meter



- **Compact**
- **Wide screen**
- **Easy to use**
- **Memory 100 values**
- **Hold functions and stability indicator**
- **Supplied with electrode and electrode holder**

pH Range	-2.00 to 16.00
Accuracy	± 0.01
Calibration	In 5 points max
Redox range	± 2000 mV
Resolution	0.1 mV (± 199.9 mV) / 1 mV (remaining range)
Accuracy	± 0.2 mV (± 199.9 mV) / ± 2 mV (remaining range)
Temperature	0.0 to 100.0 °C
Accuracy	± 0.3 °C (0 to 70 °C)
Temperature compensation	Automatic and manual
Dimensions (mm)	175 x 155 x 69
Weight	690 g
Cat. No.	**262802**
€	**N/A -**

Accessory

Cat. No.	Description	€
262872	Spare electrode	**N/A -**

Eutech / Thermo Scientific pocket pH meter

- **Portable**
- **Wide screen**
- **PH and temperature display**
- **IP67**
- **Auto-off functions (after 8.5 minutes)**
- **Hold functions (Elite model only)**
- **Backlit display (Elite model only)**
- **Replaceable electrode (Elite model only)**

	Expert pH	Elite pH	Elite Spear	Expert CTS	Elite CTSPIN	Elite CTS CUP	Elite ORP	Elite PCTS
								
PH range	0.0 to 14.0	-1.00 to 15.00		-	-	-	-	-1.00 to 15.00
Resolution	0.1	0.01		-	-	-	-	0.01
Accuracy	± 0.1	± 0.02		-	-	-	-	± 0.02
Conductivity range	-	-		0.00 to 20.00 mS/cm			-	0.00 to 20.00 mS/cm
Resolution	-	-	-	10 µS/cm (0 to 1990 µS/cm); 0.10 mS/cm (2.00 to 20.00 mS/cm)	0.1 µS/cm (0 to 200 µS/cm); 1 µS/cm (200 to 2000 µS/cm); 0.01 mS/cm (2.00 to 20.00 mS/cm)		-	0.1 µS/cm (0 to 200 µS/cm); 1 µS/cm (200 to 2000 µS/cm); 0.01 mS/cm (2.00 to 20.00 mS/cm)
Accuracy	-	-	-	± 2 %	± 1 %		-	± 1 %
Redox range	-	-	-	-	-	-	± 1000 mV	-
Accuracy	-	-	-	-	-	-	± 3 mV	-
Calibration	From 1 to 3 points			1 point	From 1 to 3 points		1 point (200 mV)	-
Temperature range	0.0 to 50.0 °C	0.0 to 60.0 °C		0.0 to 50.0 °C	0.0 to 60.0 °C		-	0.0 to 60.0 °C
Accuracy	± 0.6 °C	± 0.6 °C (0 to 50 °C); ± 1.1 °C (50 to 60 °C)		± 0.6 °C	± 0.6 °C (0 to 50 °C); ± 1.1 °C (50 to 60 °C)		-	± 0.6 °C (0 to 50 °C); ± 1.1 °C (50 to 60 °C)
Temperature compensation	Automatic						Manual	Automatic
Power supply	4 x 1.5V LR44 battery	4 x 1.5 V LR03 batteries		4 x 1.5V LR44 battery	4 x 1.5 V LR03 batteries			
Dimensions (mm)	170 x 45 x 30	200 x 45 x 36	280x 45 x 36	170 x 45 x 30	202 x 45 x 36		200 x 45 x 36	200 x 45 x 36
Cat. No.	**262946**	**262943**	**262945**	**999315**	**999316**	**999323**	**999318**	**999320**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat.No. in case	**-**	**262942**	**262944**	**-**	**999311**	**999310**	**-**	**999312**
€	**-**	**N/A -**	**N/A -**	**-**	**N/A -**	**N/A -**	**-**	**N/A -**

Spare electrodes

Cat. No.	Description	€
262947	Spare electrode for Elite pH	**N/A -**
262948	Spare electrode for Elite pH spear	**N/A -**

ORION STAR A110 series pH meter

- **Economic model**
- **Easy to use**

Supplied with:
- with pH electrode 9157
- with temperature sensor

pH	Measuring range	-2.00 to 16.00
	Resolution	0.1 / 0.01
	Accuracy	± 0.01
mV	Measuring range	-1600.0 to +1600.0
	Resolution	0.1
	Accuracy	± 0.2 mV or ± 0.05% of the measured value
Temperature	Measuring range	-5.0 to +105.0 °C
	Resolution	0.1
	Accuracy	± 0.1
Calibration		Up to 3 points
Memory		50 non-time stamped values
IP		54
Dimensions (cm)		24 x 18 x 11
Weight (kg)		0.9
Warranty		3 years
Cat. No.		**228755**
€		**N/A -**



Accessories

CatNo.	Description	€
262675	PH 9157 BNMD electrode	**N/A -**
228756	Electrode holder for ORION STAR A series	**N/A -**
228757	Printer for ORION STAR A series	**N/A -**

ORION STAR A210 Series pH/ion meters

- **Economic model**
- **Measurement stability indicator**

Orion STAR A211 delivered with:
- ROSS Ultra Triode pH electrode
- Built-in temperature probe
- Buffer solution

Orion DUAL STAR delivered with:
- ROSS Ultra pH electrode
- Temperature sensor
- Stirrer
- Buffer solution

Orion STAR A214 delivered with:
- ROSS Ultra pH electrode
- Temperature sensor
- Stirrer
- Buffer solution

		Orion STAR A211	Orion STAR A214	Orion DUAL STAR
Channel Number		1	1	2
pH	Measuring range	-2.000 to 20.000		
	Resolution	0.1 / 0.01 / 0.001		
	Accuracy	± 0.002 pH		
mV	Measuring range	-2000.0 to +2000.0		
	Resolution	0.1		
	Accuracy	± 0.2 mV or ± 0.05% of the measured value		
Temperature	Measuring range	-5.0 to +105.0 °C		
	Resolution	0.1		
	Accuracy	± 0.1 °C		
Ionometry	Measuring range	-	0.0001 to 19900 ISE (ppm, M, %, ppb)	
	Resolution	-	0.0001 minimum - 1 to 3 significant digits (user configurable)	
	Accuracy	-	± 0.2 mV or ± 0.05% of the measured value	
Calibration	pH	Up to 5 points		Up to 6 points
	Ionometer	-	Up to 5 points	Up to 6 points
Memory		2000 time-stamped values		1000 time-stamped values
IP		54		
Dimensions (cm)		24 x 18 x 11		24 x 17 x 9
Weight (kg)		0.9		
Warranty		3 years		
Cat. No.		**228762**	**228763**	**228764**
€		**N/A -**	**N/A -**	**N/A -**



Electrodes

Cat.No.	Description	€
228765	8302BNUMD ROSS Ultra pH/ATC electrode, glass body	**N/A -**
228766	8102BNUWP Ultra pH Electrode, Glass Body	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

ORION benchtop pH / conductivity meter



- **Displays pH, mV, conductivity, TDS, salinity and resistivity**
- **Display of pH and conductivity on the same screen**
- **Memory: 2000 sets of points**

PH range	-2.000 to 16.000
Resolution	0.1 or 0.01 or 0.001
Accuracy	± 0.002
Range mV	± 2000.0 mV
Accuracy	± 0.2 mV or ± 0.05% of the measured value
Conductivity range	0.001 µS/cm to 3000 mS/cm
Accuracy	0.5 % of reading +0.01 µS/cm (0 to 3µS/cm) 0.5% of the read value (remaining range)
Reference temperature	5; 10; 15; 20; 25 °C
Temperature range	-5.0 to 105.0 °C
Accuracy	± 0.1 °C
Port	RS232 or USB
Dimensions	240 x 180 x 100 mm
Weight	0.9 kg
Cat.No. without electrode	**262954**
€	**N/A -**
Cat. No. with pH electrode and conductivity probe	**262955**
€	**N/A -**

Electrodes

Cat.No.	Description	€
262880	ROSS triode electrode with built-in temperature sensor	**N/A -**
262934	Duraprobe conductivity cell	**N/A -**

oRION STAR A120 and A320 series portable pH/ion meters



Orion STAR A121 delivered with:
- ROSS Triode pH electrode
- Built-in temperature probe
- Buffer solution in 60 ml bottle

Orion STAR A320 delivered with:
- ROSS Ultra pH electrode
- Built-in temperature probe
- Buffer solution in sachet

		Orion STAR A121	Orion STAR A320
pH	Measuring range	-2.00 to 16.00	-2.000 to 20.000
	Resolution	0.1 / 0.01	0.1 / 0.01 / 0.001
	Accuracy	± 0.01 pH	± 0.002 pH
mV	Measuring range	-1600.0 to +1600.0	-2000.0 to +2000.0
	Resolution	0.1	
	Accuracy	± 0.2 mV or ± 0.05% of the measured value	
Temperature	Measuring range	-5.0 to +105.0 °C	
	Resolution	0.1	
	Accuracy	± 0.1 °C	
Ionometry	Measuring range	-	0.0001 to 19900 ISE (ppm, M, %, ppb)
	Accuracy	-	± 0.2 mV or ± 0.05% of the measured value
Calibration	pH	Up to 3 points with automatic recognition of NIST and DIN buffers	Up to 5 points with automatic recognition of NIST or DIN buffers
	Ionometer	-	Up to 5 points
Memory		50 non-time stamped values	5000 time-stamped values
IP		67	
Dimensions (cm)		24 x 10 x 6.5	
Weight (kg)		0.5	
Warranty		3 years	
Cat. No.		**228758**	**228759**
€		**N/A -**	**N/A -**

Accessories

CatNo.	Description	€
228760	ROSS pH 9107 BNMD ROSS Ultra pH/ATC Electrode filled with gel electolyte	**N/A -**
228761	ROSS pH 8107 UWMMD Ultra pH Electrode electrolyte gel body	**N/A -**

Standard refractive index solutions

- Standard refractive index solution based on sucrose or solvent
- Long shelf life at room temperature (sucrose 1 year, solvent 2 years)
- Refractive index from 1.33299 to 1.65808
- Maximum uncertainty of 0.00014
- ISO/IEC 17025 certified products for refractive indices between 1.33310 and 1.65812
- Certificates available on request



Standard sucrose solutions						Standard solvent-based solutions		
Refractive index value at 20 °C	Cat.No	€	Refractive index value at 20 °C	Cat.No	€	Refractive index value at 20 °C	Cat.No	€
1.33299	440558	N/A -	1.37233	440568	N/A -	1.38779	440593	N/A -
1.34026	440559	N/A -	1.38115	440569	N/A -	1.40485	440594	N/A -
1.34325	440560	N/A -	1.39032	440570	N/A -	1.42345	440595	N/A -
1.34782	440561	N/A -	1.39986	440571	N/A -	1.44468	440596	N/A -
1.34968	440562	N/A -	1.40978	440572	N/A -	1.46768	440556	N/A -
1.35015	440563	N/A -	1.42009	440573	N/A -	1.49672	440597	N/A -
1.35093	440564	N/A -	1.4308	440574	N/A -	1.50044	440598	N/A -
1.35171	440565	N/A -	1.44193	440575	N/A -	1.51726	440599	N/A -
1.35568	440566	N/A -	1.46546	440576	N/A -	1.5366	440600	N/A -
1.36384	440567	N/A -	-	-	-	1.65808	440604	N/A -

Honeywell Buffer solutions

- Coloured and uncoloured solutions
- PH solution at 20 °C
- Accuracy: +/- 0.02

Cat. No.	PH value	Composition	Colour	Traceable NIST	Pack.	€
31046-1L-HON	3	Citric acid/sodium hydroxide/sodium chloride with fungicide	-	√	1 litre	N/A -
33665-500ML-HON	4	Citric acid/sodium hydroxide/sodium chloride with fungicide	Red	-	500 ml	N/A -
33643-500ML-HON	4		-	√	500 ml	N/A -
33665-1L-HON	4		Red	-	1 litre	N/A -
33643-1L-HON	4		-	√	1 litre	N/A -
38743-1EA-HON	4	Citric acid/ sodium hydroxide/ concentrated sodium chloride	-	-	1 ampoule for 500 ml	N/A -
33545-1L-HON	6	Citric acid / sodium hydroxide	-	√	1 litre	N/A -
33666-500ML-HON	7	Potassium dihydrogen phosphate/disodium hydrogen phosphate with fungicide	Green	-	500 ml	N/A -
33646-500ML-HON	7		-	√	500 ml	N/A -
33666-1L-HON	7		Green	-	1 litre	N/A -
33646-1L-HON	7		-	√	1 litre	N/A -
38746-1EA-HON	7	Potassium dihydrogen phosphate/disodium hydrogen phosphate concentrate	-	-	1 ampoule for 500 ml	N/A -
33648-1L-HON	9	Borax / hydrochloric acid	-	√	1 litre	N/A -
33649-500ML-HON	10	Borax / sodium hydroxide	-	-	500 ml	N/A -
33668-500ML-HON	10		Violet	-	500 ml	N/A -
33649-1L-HON	10		-	-	1 litre	N/A -
33668-1L-HON	10		Violet	-	1 litre	N/A -

Buffer solutions

DASITGROUP | CARLO ERBA REAGENTS

PH value	Cat. No.	Coloured	Pack.	€
1	486211-CER	-	500 ml	N/A -
1	486221-CER	-	Plastic vial To be diluted in 500 ml	N/A -
2	486231-CER	-	500 ml	N/A -
3	486251-CER	-	500 ml	N/A -
3	486252-CER	-	1 l	N/A -
4	486271-CER	-	500 ml	N/A -
4	486273-CER	-	1 l	N/A -
4	486761-CER	Red	500 ml	N/A -
4	486762-CER	Red	1 l	N/A -
4	486281-CER	-	Plastic vial To be diluted in 500 ml	N/A -
4	486291-CER	Red	Plastic vial To be diluted in 500 ml	N/A -
5	486311-CER	-	500 ml	N/A -
5	486301-CER	-	Plastic vial To be diluted in 500 ml	N/A -
6	486331-CER	-	500 ml	N/A -
6.88	486871-CER	-	500 ml	N/A -
7	486451-CER	-	500 ml	N/A -
7	486453-CER	-	1 l	N/A -
7	486791-CER	Green	500 ml	N/A -
7	486792-CER	Green	1 l	N/A -
7	486421-CER	-	Plastic vial To be diluted in 500 ml	N/A -
7	486431-CER	Green	Plastic vial To be diluted in 500 ml	N/A -

PH value	Cat. No.	Coloured	Pack.	€
8	486541-CER	-	500 ml	N/A -
8	486542-CER	-	1 l	N/A -
8	486531-CER	-	Plastic vial To be diluted in 500 ml	N/A -
9	486591-CER	-	500 ml	N/A -
9	486593-CER	-	1 l	N/A -
9	PS0427-19-CER	Blue	500 ml	N/A -
9	PS0427-15-CER	Blue	1 l	N/A -
9	486571-CER	-	Plastic vial To be diluted in 500 ml	N/A -
9.22	486881-CER	-	500 ml	N/A -
10	486611-CER	-	500 ml	N/A -
10	486613-CER	-	1 l	N/A -
10	486601-CER	-	Plastic vial To be diluted in 500 ml	N/A -
11	486771-CER	-	500 ml	N/A -
11	486772-CER	-	1 l	N/A -
12	486691-CER	-	500 ml	N/A -
12	486621-CER	-	Plastic vial To be diluted in 500 ml	N/A -
13	486701-CER	-	500 ml	N/A -
13	486641-CER	-	Plastic vial To be diluted in 500 ml	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Reagecon Buffer solutions

Reagecon coloured or transparent uncoloured buffer solutions. ISO 17025. Certified





	Uncoloured transparent								Coloured								
	pH at 20 °C				pH at 25 °C					pH at 20 °C				pH at 25 °C			
PH level	500 ml	€	1000 ml	€	500 ml	€	1000 ml	€	Colour	500 ml	€	1000 ml	€	500 ml	€	1000 ml	€
pH 1.00 ± 0.02	440400	N/A -	440401	N/A -	440430	N/A -	440431	N/A -	-	-	-	-	-	-	-	-	-
pH 2.00 ± 0.02	440402	N/A -	440403	N/A -	440432	N/A -	440433	N/A -	-	-	-	-	-	-	-	-	-
pH 3.00 ± 0.02	440404	N/A -	440405	N/A -	440434	N/A -	440435	N/A -	-	-	-	-	-	-	-	-	-
pH 3.00 ±0.01	440406	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
pH 4.00 ± 0.01	440407	N/A -	440408	N/A -	440436	N/A -	440437	N/A -	Red	440460	N/A -	440461	N/A -	440466	N/A -	440467	N/A -
pH 4.00 ±0.01 phthalate-free	-	-	-	-	440438	N/A -	440439	N/A -	-	-	-	-	-	-	-	-	-
pH 5.00 ± 0.01	440409	N/A -	440410	N/A -	440440	N/A -	440441	N/A -	-	-	-	-	-	-	-	-	-
pH 6.00 ± 0.01	440411	N/A -	440412	N/A -	440442	N/A -	440443	N/A -	-	-	-	-	-	-	-	-	-
pH 6.80 ± 0.01	440413	N/A -	440414	N/A -	440444	N/A -	440445	N/A -	-	-	-	-	-	-	-	-	-
pH 7.00 ± 0.01	440415	N/A -	440416	N/A -	440446	N/A -	440447	N/A -	Yellow	440462	N/A -	440463	N/A -	440468	N/A -	440469	N/A -
pH 8.00 ± 0.01	440417	N/A -	440418	N/A -	440448	N/A -	440449	N/A -	-	-	-	-	-	-	-	-	-
pH 9.00 ± 0.01	440419	N/A -	440420	N/A -	440450	N/A -	440451	N/A -	-	-	-	-	-	-	-	-	-
pH 9.20	-	-	440421	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-
pH 10.00 ± 0.01	440422	N/A -	440423	N/A -	440452	N/A -	440453	N/A -	Blue	440464	N/A -	440465	N/A -	440470	N/A -	440471	N/A -
pH 11.00 ± 0.05	440424	N/A -	440425	N/A -	440454	N/A -	440455	N/A -	-	-	-	-	-	-	-	-	-
pH 12.00 ± 0.05	440426	N/A -	440427	N/A -	440456	N/A -	440457	N/A -	-	-	-	-	-	-	-	-	-
pH 13.00 ± 0.05	440428	N/A -	440429	N/A -	440458	N/A -	440459	N/A -	-	-	-	-	-	-	-	-	-

Coloured in Twin neck bottle

- **Convenient shape: for measurement in a reservoir inside the bottle - without contamination with the rest of the bottle**
- **Easy to transport**
- **For use in the field**



		pH at 20 °C						pH at 25 °C					
PH level	**Colour**	250 ml	€	500 ml	€	1000 ml	€	250 ml	€	500 ml	€	1000 ml	€
pH 4.00 ± 0.01	Red	440472	N/A -	440473	N/A -	440474	N/A -	440481	N/A -	440482	N/A -	440483	N/A -
pH 7.00 ± 0.014	Yellow	440475	N/A -	440476	N/A -	440477	N/A -	440484	N/A -	440485	N/A -	440486	N/A -
pH 10.00 ± 0.01	Blue	440478	N/A -	440479	N/A -	440480	N/A -	440487	N/A -	440488	N/A -	440489	N/A -

Coloured in capsules



- **Tested at 25 °C**
- **NIST traceability**
- **Colour code**
- **Easy to dissolve: 1 capsule dissolves in 100 ml of water**
- **Easy to transport**

Cat.No	Description	Colour	Units/ box	€/ box
440490	Capsule buffer pH 4.01 ±0.02 at 25 °C	Orange	50	N/A -
440491	Capsule Buffer pH 7.00 ±0.02 at 25 °C	Green	50	N/A -
440492	Capsule Buffer pH 9.00 ±0.02 at 25 °C	Violet	50	N/A -
440493	Capsule Buffer pH 10.00 ±0.02 at 25 °C	Blue	50	N/A -
440494	Tampon in capsule pack: 10 x pH 4.01 / 20 x pH 7.00 / 10 x pH 9.00 / 10 x pH 10.00 ± 0.02 at 25 °C	-	50	N/A -

VOOR ONLINE-ORDERS: DULIS.BE I DULIS.NL

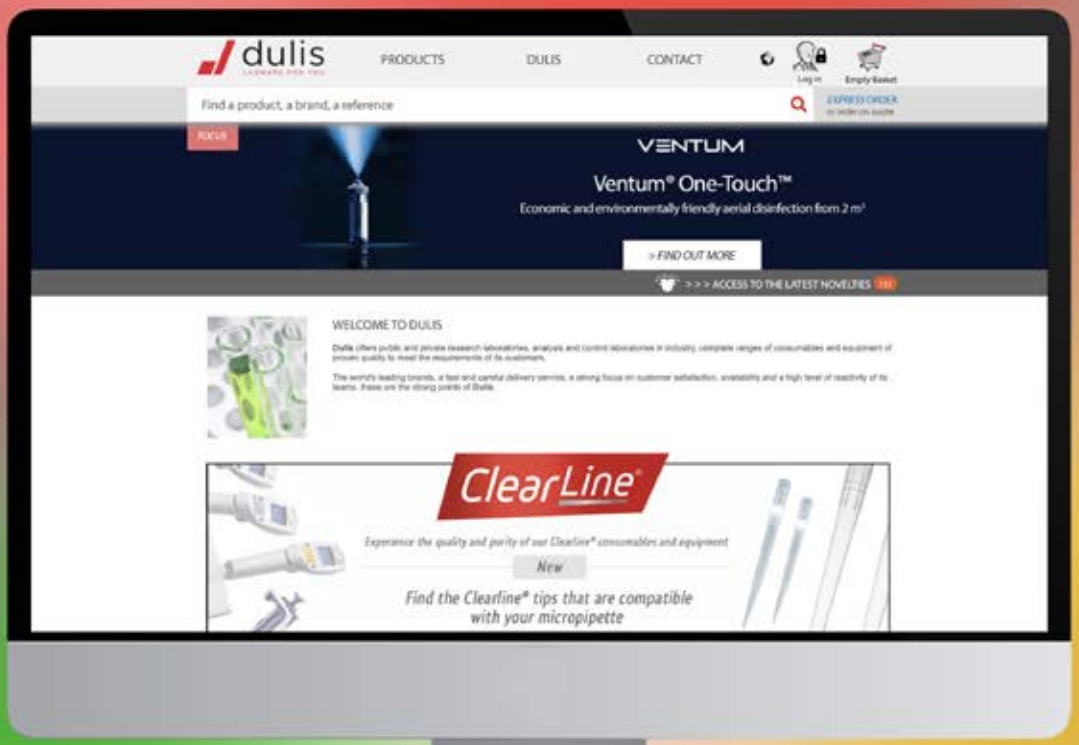
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Uw offertes en 'markt'voorwaarden

TECHNISCHE GEGEVENS

Alle info met 1 klik

VOORRAAD

op dit moment

AN EXTRAORDINARY ADVENTURE



STORAGE AND SCREENING

• GREINER BIO-ONE	
Screening plates	380 to 382
Storage plates	388
• NUNC™	
Screening plates	383 and 384
Storage plates	389
• CORNING®screening plates	386
• PORVAIR, 4TITUDE, BIOSIMA, RIPLATE®screening plates	387 and 388
• FALCON® Storage plates	390
• ABGENE® Storage plates	390 and 391
• PORVAIR, EPPENDORF Storage plates	391
• Various storage plates, Deepwell, filter plates	392 to 401
• Sealing: films, lids, sealers, heat sealing, accessories	402 to 414
• Replicators	414
• Crystallography plates	415 and 416
• Robotic tips	416 to 420
• Biobanks	422 to 431
• Bar code readers	432 to 436
• Cappers, uncappers	436 and 437
• Transfer tubes, storage, 2D tubes, caps	437 to 441

PLATES FOR SCREENING AND STORAGE

We have a wide range of plates to meet your needs.

Screening plates

- Screening plates are multi-well plates where each well is used as a small test tube
- Ideal for absorbance, fluorescence, luminescence and scintillation applications
- These plates are used to test samples; determine their composition, the presence and quantity of a substance (e.g. hormone); study the action of a drug or the links between biological molecules (e.g. enzymes); analyse proteins (quantity and concentration)
- Polystyrene, glass and coloured background
- 96-well plates are the most commonly used, but 384-well and 1536-well plates allow full automation and miniaturisation of assays

Storage plates

- Made of inert polypropylene and resistant to +121 °C, ideal for storage

Plate selection guide

Material type

Polystyrene

- Low chemical resistance
- Low to very high binding capacity, depending on surface treatment
- Rigid and transparent, excellent optical properties
- Applications: Homogeneous tests, ELISA, cell culture, fluorescence, luminescence

Polypropylene

- Good thermal and chemical resistance
- Very low binding capacity
- Flexible, translucent
- Applications: Storage, fluorescence, luminescence

Cycloolefin

- Low level of autofluorescence
- Excellent transparency especially in the UV area
- Good chemical resistance
- Applications: Spectroscopy, fluorescence and confocal microscopy

Glass bottom

- High optical quality
- High flatness
- Applications: Spectroscopy, fluorescence and confocal microscopy

Well Configuration

Well Type:

Rounded: optimal for sample recovery, compatible with most sealing options

Squared: angles prevent capillary rise of liquids, and cross-contamination between wells, maximises volume in SBS format

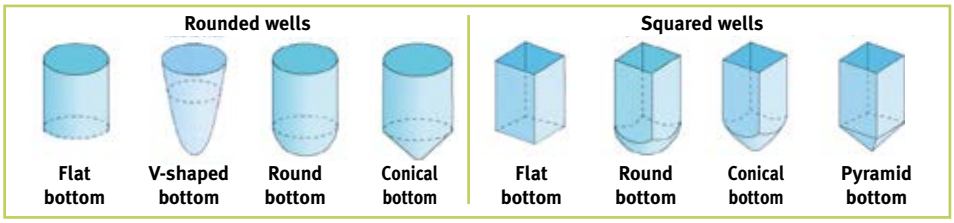
Bottom type:

Flat: imaging, cell culture

Rounded: optimal washing, mixing, visualisation and resuspension of the pellet, automatic centralisation of samples

V: precipitation, centrifugation, small volume recovery

Pyramidal taper: increases volume recovery and decreases dead volume



Plates Colour

- **Transparent**
  Colorimetric tests, cell culture, ELISA, absorbance tests
- **Translucent**
  Storage
- **Black:**
  Recommended for fluorescence (eg: GFP); low autofluorescence and scattering of fluorescence between wells
- **White:**
  Recommended for luminescence (e.g. luciferase); increases signal over background noise; reflects, concentrates signal at detector level

Treatment type

Non-treated (or medium fixation)

- Polystyrene is hydrophobic in nature and binds molecules passively
- Immobilisation of large molecules (e.g. antibodies)

High binding

- Fixation of medium (› 10 kD) and large molecules with ionic groups and/or hydrophobic regions

Non-binding

- Minimises the binding of molecules such as DNA, RNA, peptides and proteins
- Reduces non-specific binding, improves signal to noise ratio

Reinforced culture treatment

- Reinforces the adhesion and development of Cells

Standard culture treatment

- Improves cell adhesion and protein binding to the surface

Low adhesion treatment

- Treatment that minimises cell attachment, protein uptake, enzyme activation and cell activation
- Non-cytotoxic

Coating

- Treatment with collagen, Poly-D-Lysine, fibronectin
- Increases adhesion of difficult cells

All prices are indicative and exclude VAT. Visit www.dulis.nl

All Greiner Bio-One screening plates are available in a bar-coded version on request.

Greiner Bio-One 96-well and half-well polystyrene plates, black, white or transparent



- Made of high quality polystyrene
- Untreated or treated for high absorption
- Black For low fluorescence background noise
- Highly reflective white for luminescence
- µclear Transparent or opaque bottom
- Chimney-type wells to limit cross-contamination
- Position coding
- Alphanumeric well identification
- For U-bottoms, V-bottoms and standard flat bottoms or other formats, please contact us

						96-well		96-Semi well	
Walls	**Bottom**	**Sterile**	**Treatment**	**Pack. unit**	**Units/ box**	**Cat.No**	**€/ box**	**Cat.No**	**€/ box**
White	White	No	No	10	40	**655075**	**N/A -**	**675075**	**N/A -**
White	White	Yes	High binding	10	40	**655074**	**N/A -**	**675074**	**N/A -**
Black	Black	Yes	High binding	10	40	**655077**	**N/A -**	**675077**	**N/A -**
Black	Black	No	No	10	40	**655076**	**N/A -**	**675076**	**N/A -**
White	Transp.	Yes	High binding	10	40	**655094**	**N/A -**	-	-
White	Transp.	No	No	10	40	**655095**	**N/A -**	-	-
Black	Transp.	No	No	10	40	**655096**	**N/A -**	**675096**	**N/A -**
Black	Transp.	Yes	High binding	10	40	**655097**	**N/A -**	-	-
Transp.	Transp.	Yes	High binding	10	40	-	-	**675161**	**N/A -**
Transp.	Transp.	No	No	10	40	-	-	**675101**	**N/A -**

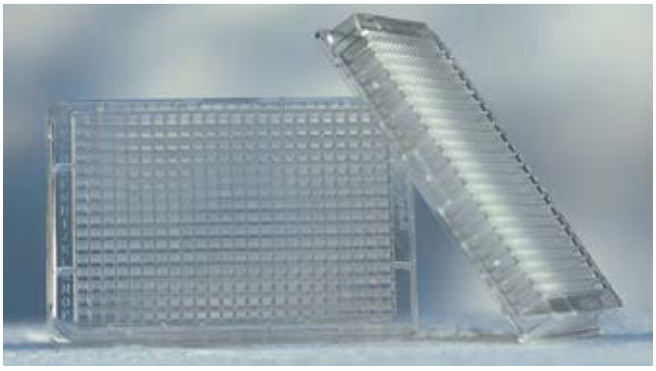
- 96 well: working volume = 25 - 340 µl
- 96-Well, half area: working volume = 15 - 175 µl

DNase RNase | Human DNA | Pyro-genic



Black or white culture plates with transparent bottoms: see chapter on cell culture

Polystyrene 384-well plates, standard or small volume, black, white or transparent Greiner Bio-One



- Made of high quality polystyrene
- Non treated or treated for high absorption
- Black For low fluorescence background noise
- Highly reflective white for luminescence
- µclear Transparent or opaque bottom
- Position coding
- Alphanumeric well identification

384-well, Standard:
- working volume = 15 - 110 µl
- Square well with rounded corner for better liquid recovery

384-well small volume:
- working volume = 4 - 25 µl
- Plate height 7.5 mm
- Slightly tapered round well to enhance fluorescence or luminescence signal

DNase RNase | Human DNA | Pyro-genic

				384-Well, Standard				384 small volume wells - Hi Base				384 small volume wells - Lo Base			
Walls	**Bottom**	**Sterile**	**Treatment**	**Cat.No**	**Pack. unit**	**Units/ box**	**€/ box**	**Cat.No**	**Pack. unit**	**Units/ box**	**€/ box**	**Cat.No**	**Pack. unit**	**Units/ box**	**€/ box**
Transp.	Transp.	No	No	**781101**	10	100	**N/A -**	**784101**	10	40	**N/A -**	**788101**	10	80	**N/A -**
Transp.	Transp.	Yes	High binding	**781061**	10	40	**N/A -**	-	-	-	-	-	-	-	-
Transp.	Transp.	Yes	No	**781162**	10	100	**N/A -**	-	-	-	-	-	-	-	-
Transp.	Transp.	Yes	No	**781185**	1	32	**N/A -**	-	-	-	-	-	-	-	-
Transp.	Transp.	Yes	No	**781186**	8	32	**N/A -**	-	-	-	-	-	-	-	-
White	White	Yes	High binding	**781074**	10	40	**N/A -**	-	-	-	-	-	-	-	-
White	White	No	High binding	-	-	-	-	-	-	-	-	**788074**	10	80	**N/A -**
White	White	No	No	**781075**	10	40	**N/A -**	**784075**	10	40	**N/A -**	-	-	-	-
Black	Black	Yes	High binding	**781077**	10	40	**N/A -**	**788077**	-	80	**N/A -**	-	-	-	-
Black	Black	No	No	**781076**	10	40	**N/A -**	**784076**	10	40	**N/A -**	-	-	-	-
White	Transp.	No	No	-	-	-	-	-	-	-	-	**788095**	10	80	**N/A -**
Black	Transp.	Yes	High binding	**781097**	10	40	**N/A -**	-	-	-	-	-	-	-	-
Black	Transp.	No	No	**781096**	10	40	**N/A -**	-	-	-	-	**788096**	10	80	**N/A -**

Acoustic handling plates

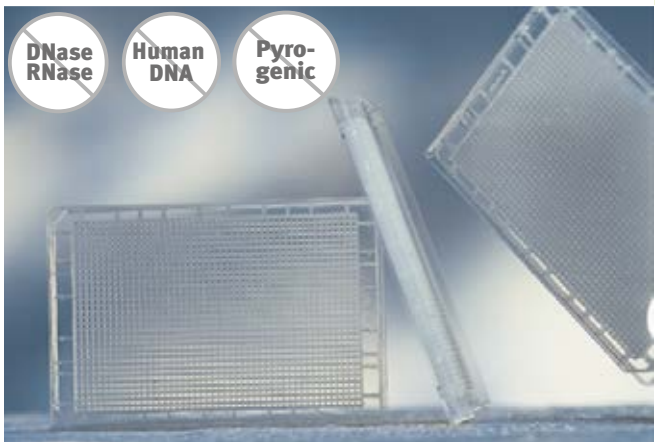
Cat.No	**Description**	**Units/ box**	**€/ box**
793855	384-well cycloolefin plate for acoustic handling	60	**N/A -**

Greiner Bio-One Polystyrene plates 1536-well, black, white or transparent

- High quality polystyrene plate
- Non treated or treated for high absorption
- Black For low fluorescence background noise
- Highly reflective white for luminescence
- µclear Transparent or opaque bottom
- Position coding
- Alpha numeric well location
- Hi base: for reading from the top of the plate
- Well shape: square with rounded corners

• working volume = 3 - 10 µl

						1536-well - Hi Base	
Walls	**Bottom**	**Sterile**	**Treatment**	**Pack. unit**	**Units/ box**	**Cat.No**	**€/ box**
Transp.	Transp.	No	No	15	60	**782101**	**N/A -**
Transp.	Transp.	Yes	High binding	15	60	**782061**	**N/A -**
White	White	No	No	15	60	**782075**	**N/A -**
White	White	Yes	High binding	15	60	**782074**	**N/A -**
Black	Black	No	No	15	60	**782076**	**N/A -**
Black	Black	Yes	High binding	15	60	**782077**	**N/A -**
White	Transp.	No	No	15	60	**782095**	**N/A -**
White	Transp.	Yes	High binding	15	60	**782094**	**N/A -**
Black	Transp.	Yes	High binding	15	60	**782097**	**N/A -**
Black	Transp.	No	No	15	60	**782096**	**N/A -**



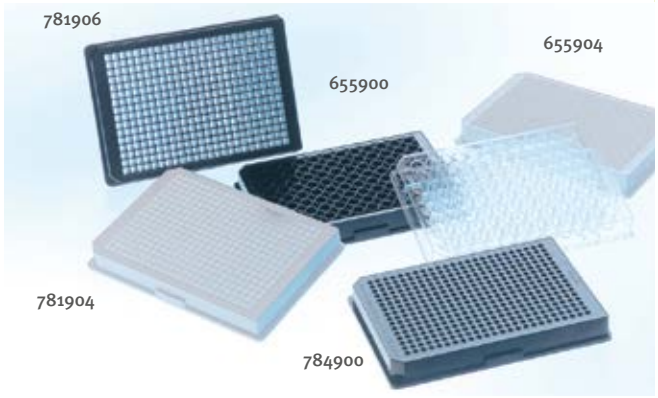
Ultra-Low Covers

Ultra-low profile to limit evaporation.

Cat. No.	Sterile	Units/ box	€/ box
691101	No	100	**N/A -**
691161	Yes	100	**N/A -**

Greiner Bio-One Non-binding polystyrene plates 96, 384 and 1536 wells

- The non-binding surface results from a stable chemical modification of functional groups covalently bonded to the polystyrene surface
- Very low non-specific binding properties (DNA, RNA, protein assays)
- Increased assay sensitivity by reducing background noise and improving the signal-to-noise ratio
- Stable surface without degradation or interference
- Available in black, white and transparent and with µclear bottom



* chimney wells

96-well plates

Well profile	U bottom	V bottom	F* bottom	F *bottom	F* bottom	F * bottom	F* bottom
Bottom	Transp.	Transp.	Transp.	Flat White	Flat black	µClear®	µClear®
Frame colour	Transp.	Transp.	Transp.	White	Black	White	Black
Packaging unit	10	10	10	10	10	10	10
Units/box	40	40	40	40	40	40	40
Cat. No.	**650901B**	**651901B**	**655901**	**655904**	**655900**	**655903**	**655906**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

384-well plates

Well profile	F bottom	F bottom	F bottom	F bottom	F bottom	Small Vol.™	Small Vol.™
Bottom	Flat white	Flat black	Flat µClear®	Flat µClear®	Flat transp.	Flat whitte	Flat black
Frame colour	White	Black	White	Black	Transparent	White	Black
Plate profile	-	-	-	-	-	HiBase	HiBase
Packaging unit	10	10	10	10	10	10	10
Units/box	40	40	40	40	40	40	40
Cat. No.	**781904**	**781900**	**781903**	**781906**	**781901**	**784904**	**784900**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Plates 1536-well - Hi Base

Well profile	F bottom	F bottom
Bottom	Flat white	Flat black
Frame colour	White	Black
Plate profile	-	-
Packaging unit	10	10
Units/box	40	40
Cat. No.	**782904**	**782900**
€/box	**N/A -**	**N/A -**

DNase RNase

Human DNA

Pyro-genic

Greiner Bio-One 96 and 384 well streptavidin plates

Streptavidin-coated and pre-saturated 96 and 384 well plates.

	96-well	384-well
Coated surface (by volume)	300 µl	90 µl
Adsorption capacity biotin	› 5 ng/well or 20 pmol/well	› 1.5 ng/well or 6 pmol/well
Coating variation	‹ 5 %	‹ 8 %
Streptavidin leaching	‹ 5 ng / well	‹ 1 ng / well

Cat. No.	Type	Colour	Pack. unit	Units/ box	€/ box
655990	96-well	Transparent	5	40	**N/A -**
655995	96-well	White	5	40	**N/A -**
655996	96-well	Black with transparent bottom	5	40	**N/A -**
655997	96-well	Black	5	40	**N/A -**
781990	384-well	Transparent	5	40	**N/A -**
781995	384-well	White	5	40	**N/A -**
781996	384-well	Black with transparent bottom	5	40	**N/A -**
781997	384-well	Black	5	40	**N/A -**

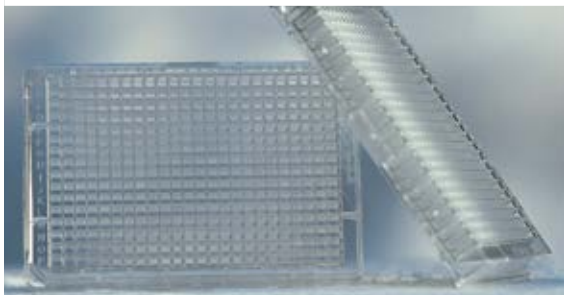


Lids

Cat. No.	Description	Sterile	Units/ box	€/ box
020036	Lid	Non	100	**N/A -**
020037	Lid	Yes	100	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

384 and 1536 well CELLSTAR plates, black, white or clear, opaque or transparent bottom Greiner Bio-One



- High quality polystyrene plate
- Culture-treated
- Sterile
- Medium to high absorption capacity
- Black For low fluorescence background noise
- Highly reflective white for luminescence
- Position coding, alphanumeric well identification

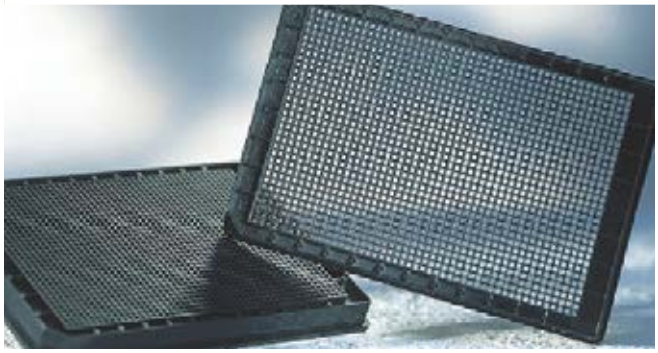
DNase RNase · Pyro-genic · Human DNA

384-well, Standard:
- working volume = 15 - 110 µl
- Square well with rounded corner for better liquid recovery

1536-well small volume:
- working volume = 3 - 10 µl
- 2 versions:
  Hi base (for reading from the top of the plate), and Lo base (for reading from the bottom of the plate)

			384-Well, Standard				1536-Well Hi-base				1536-Well Lo-base	
Walls	**Bottom**	**Lid**	**Cat.No**	**Pack. unit**	**Units/ box**	**€/ box**	**Pack. unit**	**Units/ box**	**Cat.No**	**€/ box**	**Cat.No**	**€/ box**
Transp.	Transp.	Yes	**781182**	8	32	**N/A -**	1	40	-	-	-	-
White	White	No	-	-	-	-	15	60	**782073**	**N/A -**	-	
White	White	Yes	**781080**	8	32	**N/A -**	10	40	**782080**	**N/A -**	-	-
Black	Black	No	**781079**	10	40	**N/A -**	-	-	-	-	-	-
Black	Black	No	-	-	-	-	15	60	**782078**	**N/A -**	-	-
Black	Black	Yes	**781086**	8	32	**N/A -**	10	40	**782086**	**N/A -**	-	-
White	Transp.	No	-	-	-	-	15	60	**782093**	**N/A -**	**783093**	**N/A -**
White	Transp.	Yes	**781098**	8	32	**N/A -**	-	-	-	-	-	-
Black	Transp.	No	**781092**	10	40	**N/A -**	15	60	**782092**	**N/A -**	**783092**	**N/A -**
Black	Transp.	Yes	**781091**	10	40	**N/A -**	-	-	-	-	-	-

Greiner Bio-One SensoPlate™ glass bottom microplates



Polystyrene microplate with achromatic borosilicate glass bottom, 175 µm thick, standard size. Opaque black colour for high resolution imaging, fluorescence.



Human DNA · DNase RNase · Pyro-genic

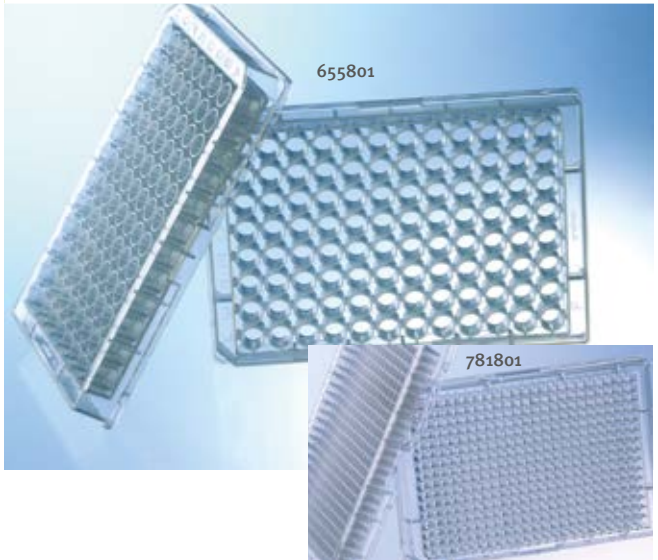
Cat.No	Type	Sterile	Lid	Pack. unit	Units/ box	€/ box
662896	24 wells	Yes	No	1	12	**N/A -**
662892	24 wells	Yes	Yes	1	12	**N/A -**
655896	96 wells	Yes	No	1	16	**N/A -**
655892	96 wells	Yes	Yes	1	16	**N/A -**
655891*	96 wells standard culture treated	Yes	Yes	1	16	**N/A -**
655981*	96-well Advanced TC culture treated	Yes	Yes	1	16	**N/A -**
781892	384 wells	Yes	Yes	1	16	**N/A -**
783892	1536 wells	Yes	Yes	1	16	**N/A -**

* Cellview for fluorescence correlation spectroscopy fluorescence and high-resolution microscopy.

Lids

Cat. No.	Type	Sterile	Pack. unit	Units/ box	€/ box
020036	Standard	No	1	100	**N/A -**
020037	Standard	Yes	1	100	**N/A -**
691101	Bottom	Non	1	100	**N/A -**
691161	Bottom	Yes	1	100	**N/A -**

Greiner Bio-One UV-Star 96-well and 384-well plates



An alternative to quartz cuvettes. UV permeable cycloolefin microplates suitable for the determination of nucleic acid and protein concentrations at 260 and 280 nm.

DNase RNase · Human DNA · Pyro-genic

- Detectable Endotoxin free
- Resistant to DMSO
- Storage up to -20 °C
- µclear bottom with flat bottom/chimney well profile
- Available with black frame to reduce crosstalk between wells
- Optical limit 230 nm

Cat. No.	Description	Pack. unit	Units/ box	€/ box
655801	UV-Star 96-well plate	10	40	**N/A -**
655809	UV-Star 96-well plate, black	10	40	**N/A -**
675801	UV-Star 96-well semi-well plate	10	40	**N/A -**
781801	UV-Star 384-well plate	10	40	**N/A -**

Nunc 96-well plates for screening

Polystyrene 96-well plates especially for screening applications and robotic systems. All these plates can be supplied with a labelled barcode.
Four surface qualities:

- **MAXISORP**: high affinity surface for hydrophilic molecules such as antibodies;
- **POLYSORP**: medium adsorption surface, with an affinity for molecules with a more hydrophobic character such as non-protein antigens;
- Non-treated: suitable for storage, DNA and antibiotic screening.

➤ **Flat bottom**

➤ **High optical quality**



					Standard plates		Plates with barcode	
Plate Type	**Lid**	**Sterile**	**Pack unit.**	**Units/ box**	**Cat. No.**	**€/ box**	**Cat. No.**	**€/ box**
MAXISORP	No	No	10	180	**055266**	**N/A -**	**055267**	**N/A -**
POLYSORP	No	No	10	180	**055268**	**N/A -**	-	-
Non traitée	No	No	10	180	**055270**	**N/A -**	**055271**	**N/A -**
Non traitée	Yes	Yes	10	160	**055272**	**N/A -**	**055273**	**N/A -**
Non traitée	Yes	No	10	160	**055274**	**N/A -**	-	
White with transparent bottom	No	No	10	30	**055315**	**N/A -**	-	-
Black with transparent bottom	No	No	10	30	**055316**	**N/A -**	-	-
Black with glass bottom	No	No	10	30	**055317**	**N/A -**	-	-

Nunc Omnitray Plate

➤ **Plate without wells in microplate format**

➤ **Can be used with robotic systems such as Beckman, Tecan, Zymark..**

➤ **Supplied with lid, stackable, sterile**

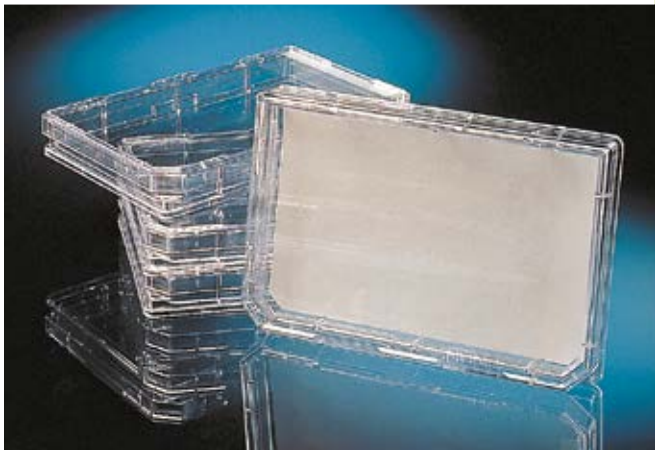
➤ **In transparent polystyrene**

➤ **Freezable at -20 °C**

➤ **Working volume: 35 ml, maximum volume: 90 ml**

➤ **Dimensions 128 x 86 mm**

➤ **Applications: liquid container, support for membranes in hybridization, usable with robotic systems**

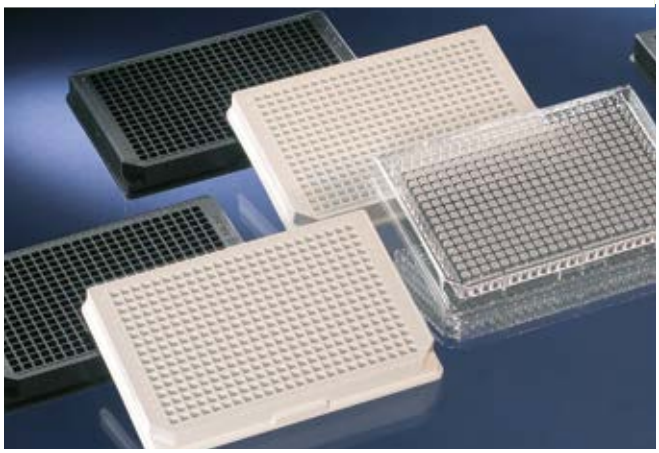


Cat. No.	**Description**	**Pack unit.**	**Units/ box**	**€/ box**
056116	Sterile Omnitray plate	10	60	**N/A -**
056117	Sterile Omnitray plate	10	90	**N/A -**

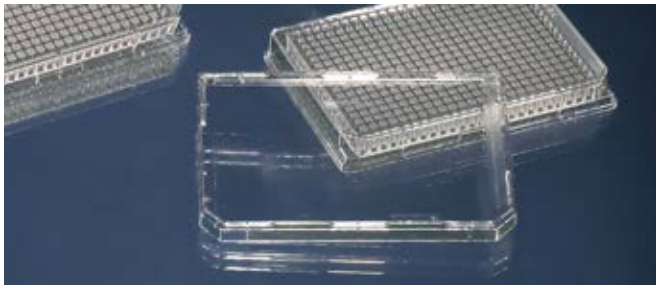
Nunc 384-well Microplates

➤ **Polystyrene, sterile, treated for cell culture**

➤ **Non-treated or treated MAXISORP with high adsorption capacity**



Treated	**Colour**	**Lid**	**Sterile**	**Cat.No**	**Pack unit.**	**Units/ box**	**€/ box**
No	Transparent	Yes	Yes	**055295**	1	30	**N/A -**
No	Transparent	Yes	Yes	**055296**	10	30	**N/A -**
No	White transp. bottom	No	No	**054300**	10	30	**N/A -**
No	Black transp. bottom	No	No	**054301**	10	30	**N/A -**
Culture	Transparent	Yes	Yes	**054302**	10	30	**N/A -**
Culture	White	Yes	Yes	**054303**	10	30	**N/A -**
Culture	Black	Yes	Yes	**054304**	10	30	**N/A -**
Culture	White transp. bottom	Yes	Yes	**054305**	10	30	**N/A -**
Culture	Black tranp. bottom	Yes	Yes	**054306**	10	30	**N/A -**
MAXISORP	Transparent	No	Yes	**054307**	10	30	**N/A -**
MAXISORP	White	No	Yes	**055457**	10	30	**N/A -**
MAXISORP	Black	No	Yes	**055309**	10	30	**N/A -**

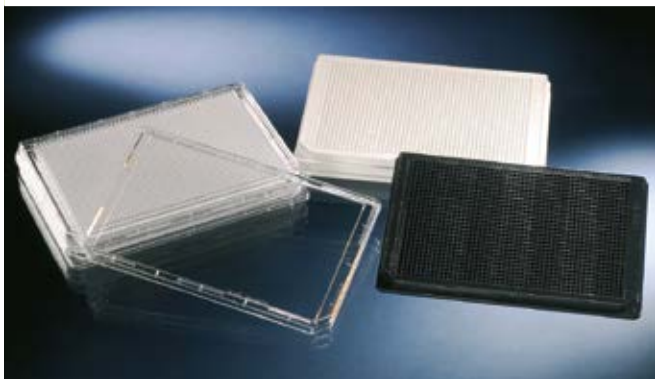


Lids

Cat. No.	**Description**	**Pack unit.**	**Units/ box**	**€/ box**
055143	Lid for plate	5	100	**N/A -**
055144	Sterile Lid	1	50	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Nunc 1536-well Plates



Transparent, white and black polystyrene plates, specially designed for robotic systems. Volume per well: 10 µl

- **Rounded well opening for optimal access by pipetting systems**
- **Flat bottom maximises optical quality and image area**
- **Skirt for easy handling by robots**
- **Low height (7.4 mm) for space saving storage and in incubators**

Cat.No	Colour	Sterile	Lid	Pack unit.	Units/ box	€/ box
055345	Transparent	No	No	30	90	N/A -
055346	Black	No	No	30	90	N/A -
055347	White	No	No	30	90	N/A -

Nunc lids and flexible lids

Lids

Three models:

- Universal lid, without cut-off for all plates;
- Ultra low profile cover with very low height;
- LowBot lid, specifically designed for robotic handling, very flat profile, with short skirt to allow barcode marking on the plate without removing the lid.

Cat. No.	Model	Sterile	Compatibility	Pack. unit	Units/ box	€/ box
056118	Universal	Yes	All plates	20	60	N/A -
056119	Universal	No	All plates	20	60	N/A -
056121	Universal	No	All plates	20	180	N/A -
056105	LowBot and ultra low profile cut corners	No	Low profile plates, 384 and 1536 wells	25	100	N/A -
056106	LowBot and ultra low profile cut corners	Yes	Low profile plates, 384 and 1536 wells	25	100	N/A -
055610	Cut corners	No	384 and 1536-well Plates	1	60	N/A -
056122	Cut corners	No	384 and 1536-well Plates	20	180	N/A -
056124	Low Profile	No	96 and 384-well Plates	20	120	N/A -
055144	Condensation rings And Notched corners	Yes	96-well plates PS, deepwell PP	1	50	N/A -
055143	Condensation rings And Notched corners	No	96-well plates PS, deepwell PP	5	100	N/A -

Flexible lids

- **Can be used down to -80 °C for thermoplastic elastomers**
- **Can be used down to -20 °C for silicone models**
- **Resistant to DMSO, ethanol and methanol**
- **Repeatable drillable**

Cat. No.	Model	Sterile	Material	Colour	Drillable	Compatibility	Pack. unit	Units/ box	€/ box
054316	96-Well Cap Mat	Yes	Thermoplastic elastomer	Natural	Yes	96-well Plate multiwell and deepwell PP 055375, 056175 and 055378	1	50	N/A -
054317	96-Well Cap Mat	No	Thermoplastic elastomer	Natural	Yes	Idem	5	50	N/A -
054319	96-Well Cap Mat	No	Thermoplastic elastomer	Blue	Yes	Idem	5	50	N/A -
056125	96-Well Cap Mat, pre-cut	No	Silicone	Natural	Yes	Idem	10	50	N/A -

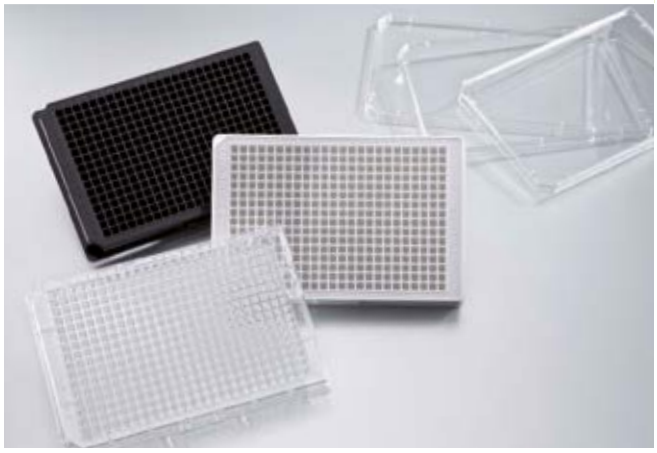


384-well Plates Falcon® - Corning BioCoat™

- Manufactured from medical grade virgin polystyrene, allowing better microscopic observation
- White or black opaque microplates to limit cross-contamination
- White and black microplates with transparent bottoms for microscopic observation and detection from the top and/or bottom of the wells
- Several Falcon® surface treatments available: cell culture (TC) and standard

A specific range of coated Corning BioCoat™surfaces

- Poly-Lysine and Collagen Coatings to promote growth and attachment of certain primo-cultures and cell lines
- Plates Ready to use
- Storage at room temperature
- ISO 9001 certified European production at the Plymouth site in England



Cat. No.	Well volume (µl)	Colour	Bottom	Lid	Sterile	Units/ bag	Units/ box	€/ box
384-well polystyrene plates for cell culture								
353961	120	Transparent	Flat	Yes	Yes	5	50	N/A -
353988	120	White	Flat	Yes	Yes	5	50	N/A -
353963	120	White transparent bottom	Flat	Yes	Yes	5	50	N/A -
353962	120	Black transparent bottom	Flat	Yes	Yes	5	50	N/A -
384-well plates Corning BioCoat™ Collagène I								
354666	120	Transparent	Flat	Yes	Yes	5	5	N/A -
356666	120	Transparent	Flat	Yes	Yes	5	50	N/A -
354667	120	Black transparent bottom	Flat	Yes	Yes	5	5	N/A -
356667	120	Black transparent bottom	Flat	Yes	Yes	5	50	N/A -
356705	120	Black transparent bottom	Flat	Yes	Yes	20	80	N/A -
354664	120	White transparent bottom	Flat	Yes	Yes	5	5	N/A -
356664	120	White transparent bottom	Flat	Yes	Yes	5	50	N/A -
356702	120	White transparent bottom	Flat	Yes	Yes	20	80	N/A -
354665	120	White	Flat	Yes	Yes	5	5	N/A -
356665	120	White	Flat	Yes	Yes	5	50	N/A -
356703	120	White	Flat	Yes	Yes	20	80	N/A -
384-well plates Corning BioCoat™ Poly-D-Lysine								
354662	120	Transparent	Flat	Yes	Yes	5	5	N/A -
356662	120	Transparent	Flat	Yes	Yes	5	50	N/A -
354663	120	Black transparent bottom	Flat	Yes	Yes	5	5	N/A -
354660	120	White transparent bottom	Flat	Yes	Yes	5	5	N/A -
356660	120	White transparent bottom	Flat	Yes	Yes	5	50	N/A -
354661	120	White	Flat	Yes	Yes	5	5	N/A -
356661	120	White	Flat	Yes	Yes	5	50	N/A -

* Low reaction volume

Corning BioCoat™384-well Plates with glass bottom

- Flat bottom in optical glass, thickness 200 µm
- Ideal for imaging microscopy
- Black frame to limit the background noise in fluorescence
- Supplied with lid
- Non-treated: consult us

Treatment	Sterile	Cat. No.	€ 10 units
Collagen I	No	004583	N/A -
Fibronectin	No	004585	N/A -
Poly-D-Lysine	No	004587	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Corning®384-well plates



Different treatments: untreated, cell culture, non-binding, poly-D-Lysine, Corning® CellBIND, collagen, fibronectin, multi-coated, Ultra-Low Attachement.

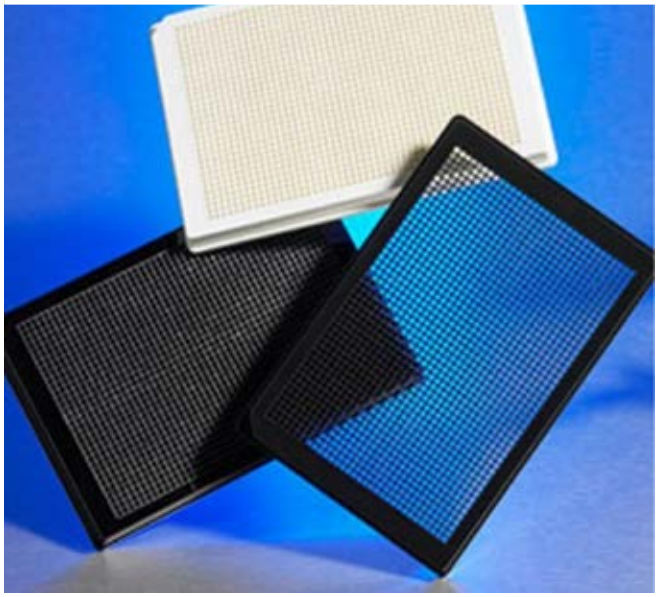
Corning® CellBIND: uses waves to increase the incorporation of oxygen into the cell culture surface, for better cell adhesion under difficult conditions.

Ultra-low attachment: with a hydrogel layer that minimises cell attachment.

- **In polystyrene**
- **Flat and transparent bottom**
- **Well volume: 110.5 µl**

					White plates		Black plates	
Treatment	**Lid**	**Sterile**	**Units/ bag**	**Units/ box**	**Cat. No.**	**€/ box**	**Cat. No.**	**€/ box**
Non treated	No	No	25	100	**003763**	**N/A -**	**003762**	**N/A -**
Cell culture	Yes	Yes	20	100	**003765**	**N/A -**	**003764**	**N/A -**
Non-binding	Yes	No	25	100	**-**	**-**	**003766**	**N/A -**
Non-binding	No	No	25	100	**003767**	**N/A -**	**-**	**-**
Poly-D-Lysine	No	Aseptic	20	100	**-**	**-**	**003768**	**N/A -**
Poly-D-Lysine	Yes	Aseptic	20	100	**003769**	**N/A -**	**-**	**-**
Corning® CellBIND	Yes	Yes	20	100	**-**	**-**	**003770**	**N/A -**
Ultra-low attachement	Yes	Yes	20	100	**-**	**-**	**004588**	**N/A -**
Collagen	Yes	Aseptic	20	100	**-**	**-**	**004690**	**N/A -**
Fibronectin	Yes	Aseptic	20	100	**-**	**-**	**004596**	**N/A -**
Multi-coated	Yes	No	10	10	**-**	**-**	**004589**	**N/A -**

Corning®1536-well plates



- **In cyclic olefin copolymer (COC)**
- **Flat edge for better sealing of the plates**
- **Ultra clear 127 µm**
- **With barcode, either on the length or width of the plate**
- **2 versions:**
  - low base, for reading from above
  - and high base for reading from below

						Bar code on the length		Bar code on the width	
Treatment	**Version**	**Sterile**	**Colour**	**Packaging unit**	**Units/ box**	**Cat. No.**	**€/ box**	**Cat. No.**	**€/ box**
Non treated	Low base	No	Black transparent bottom	20	100	**004560**	**N/A -**	**004675**	**N/A -**
Cell culture	Low base	Yes	Black transparent bottom	20	100	**004561**	**N/A -**	**004676**	**N/A -**
Corning CellBIND	Low base	Yes	Black transparent bottom	20	100	**004563**	**N/A -**	**004373**	**N/A -**
Poly-D-Lysine	Low base	No	Black transparent bottom	20	100	**004564**	**N/A -**	**004677**	**N/A -**
Non treated	High base	No	Black	10	50	**004565**	**N/A -**	**004371**	**N/A -**
Cell culture	High base	Yes	Black	10	50	**004566**	**N/A -**	**004705**	**N/A -**
Non-adherent	High base	No	Black	10	50	**004567**	**N/A -**	**-**	**-**
Corning CellBIND	High base	Yes	Black	10	50	**004568**	**N/A -**	**-**	**-**
Non treated	High base	No	White	10	50	**004570**	**N/A -**	**004372**	**N/A -**
Cell culture	High base	Yes	White	10	50	**004571**	**N/A -**	**004370**	**N/A -**
Non-adherent	High base	No	White	10	50	**004572**	**N/A -**	**-**	**-**
Corning CellBIND	High base	Yes	White	10	50	**004573**	**N/A -**	**-**	**-**

Vision Framestar 384-well Microplates for cell screening

- Optimal signal-to-noise ratio, excellent flatness 100 µm, compliant with SBS tolerances
- Well profile to avoid edge effects and bubble formation
- Suitable for most detection systems
- Collagen 1 treatment, Poly-D-lysine: consult us
- Bar code possible: please contact us
- Polystyrene surface thickness 150 µm (700 µm on request)
- Applications: cell testing, fluorescence testing, chemiluminescence, colorimetry

Cat. No.	Sterile	Treatment	With lid	Units/ box	€/ box
044742	Yes	Culture	Yes	24	N/A -
044744	Yes	No	No	30	N/A -
044745	No	No	No	30	N/A -



96-well microplates

Cat. No.	Bottom	Sterile	Units/ box	€/ box
390963	U	No	50	N/A -
390966	U	Yes	50	N/A -
390964	V	No	50	N/A -
390967	V	Yes	50	N/A -
390965	Flat	No	50	N/A -
390968	Flat	Yes	50	N/A -

Lids

Cat. No.	Sterile	Units/ box	€/ box
390969	No	50	N/A -
390970	Yes	50	N/A -


U bottom


V bottom


Flat bottom

- In polystyrene
- Individual packaging



96-Well Plates, flat, round or conical bottom

- Made of high quality crystal polystyrene
- Available in flat bottom for spectrophotometry, round bottom (U) or V bottom (minimises liquid residue)
- Compatible with robots
- 3 volumes: 240 µl, 300 µl, 350 µl

Cat. No.	Description	Volume	Units/ box	€/ box
058073	96-well plate, flat bottom	350 µl	100	N/A -
058074	96-well plate, round bottom	300 µl	100	N/A -
058075	96-well plate, V bottom	200 µl	100	N/A -



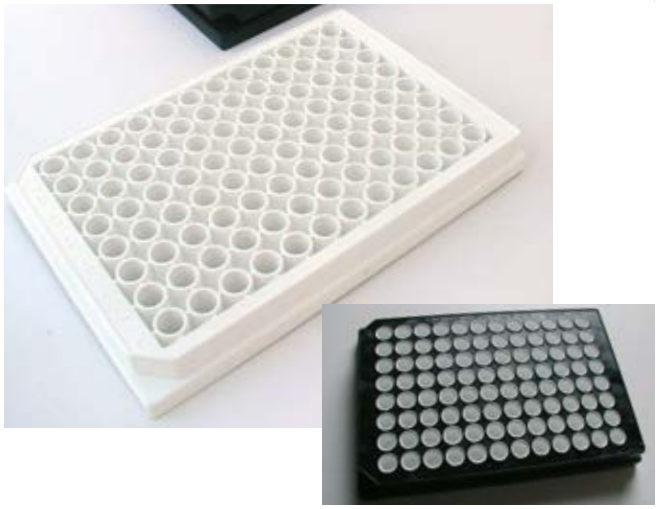
Find all PORVAIR plates on www.dulis.nl



White and black standard 96-well plates

- White plates, black plates or black plates with white wells
- Flat bottom, 350 µl well
- In polystyrene treated with immuno culture (high binding) or non-treated
- For all applications in fluorescence, luminescence, scintillation or Elisa tests

Cat.No	Colour	Lid	Type	Units/ box	€/ box
043453	White	No	Standard	100	N/A -
043455	White	Yes	Cell culture	100	N/A -
043456	Black	No	Standard	100	N/A -
043458	Black	Yes	Cell Culture	100	N/A -
043460	Black and White	-	-	100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Riplate® 96 Polystyrene Plates



- Ideal for ELISA applications
- Dimensions: 128 x 85 mm
- Compatible with most laboratory automates
- Alphanumeric marking

Cat. No.	Volume (µl)	Bottom	Material	Units/ box	€/ box
071430B	300	V	PP	64	N/A -
071429	350	Flat	PP	100	N/A -
071426	300	U	PS	100	N/A -
071427	240	V	PS	100	N/A -
071428	350	Flat	PS	100	N/A -

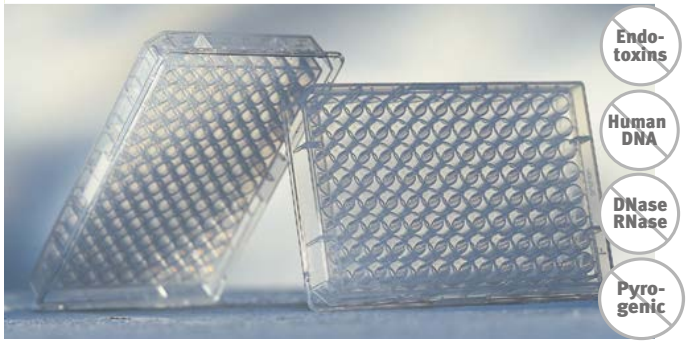
Riplate® 384 Polystyrene Plates



- Optimal for low volumes
- Alphanumeric marking
- Rounded cavities to reduce capillarity
- Stackable
- Raised well edges to prevent cross-contamination and improve sealing
- Total volume: 60 µl
- Working volume: 30 - 50 µl

Cat. No.	Bottom	Colour	Material	Applications	Units/ box	€/ box
071431	Flat	Natural	PP	Storage	100	N/A -
071432	Flat	Natural	PS	Microscopy	100	N/A -
071433	Flat	White	PS	Luminescence	100	N/A -
071434	Flat	Black	PS	Fluorescence	100	N/A -
071435	V	Natural	PS	Microscopy	100	N/A -
071436	V	White	PS	Luminescence	100	N/A -
071437	V	Black	PS	Fluorescence	100	N/A -

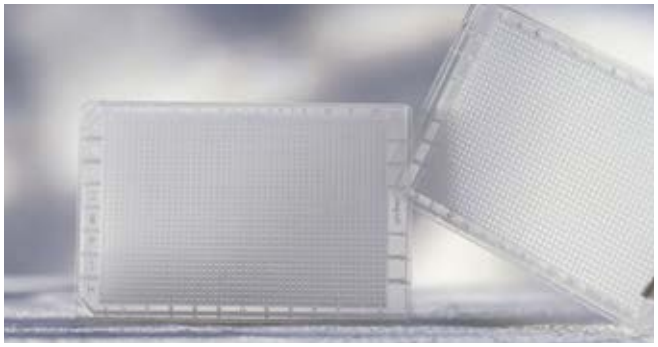
Greiner Bio-One polypropylene 96, 384 or 1536 well plates



- Rigid polypropylene plates, SBS standard
- For storage of samples
- Can be sealed cold, hot or with mats
- Temperature resistant from -196 °C to +121 °C
- Can be centrifuged up to 4800 g
- Bar code option available on request: consult us

CapMats flexible lids for 96 round well plates

Cat. No.	Description	Sterile	Pack. unit	Units/ box	€/ box
381070	Flexible lid	Non	10	50	N/A -
381061	Flexible lid	Oui	1	50	N/A -



1536 well plates (sterile version also available)

Cat. No.	Bottom	Colour	Well volume (µl)	Packaging unit	Units/ box	€/ box
782270	Flat	Natural	20	15	60	N/A -

96-well plates

Cat. No.	Bottom	Colour	Sterile	Well volume (µl)	Pack. unit	Units/ box	€/ box
650201	Round	Natural	No	300	10	100	N/A -
650292*	Round	Natural	No	300	-	32	N/A -
650261	Round	Natural	Yes	300	10	100	N/A -
650209	Round	Black	No	300	10	100	N/A -
650207	Round	White	No	300	10	100	N/A -
655201	Flat	Natural	No	370	10	100	N/A -
655209	Flat	Black	No	370	10	100	N/A -
651201	V	Natural	No	335	10	100	N/A -
651209	V	Black	No	335	10	100	N/A -

* With lid

384-well plates

Cat. No.	Bottom	Colour	Well volume (µl)	Packaging unit	Units/ box	€/ box
781201	Flat	Natural	140	10	100	N/A -
781209	Flat	Black	140	10	100	N/A -
781207	Flat	White	140	10	100	N/A -
781280	V	Natural	130	10	100	N/A -
781270*	V	Natural	240	6	60	N/A -
781271*	V	Natural	240	6	60	N/A -

* Deepwell

384-well Plates low volume

Cat. No.	Bottom	Colour	Well volume (µl)	Packaging unit	Units/ box	€/ box
784201	V	Natural	30	10	100	N/A -
784209	Flat	Black	30	10	100	N/A -

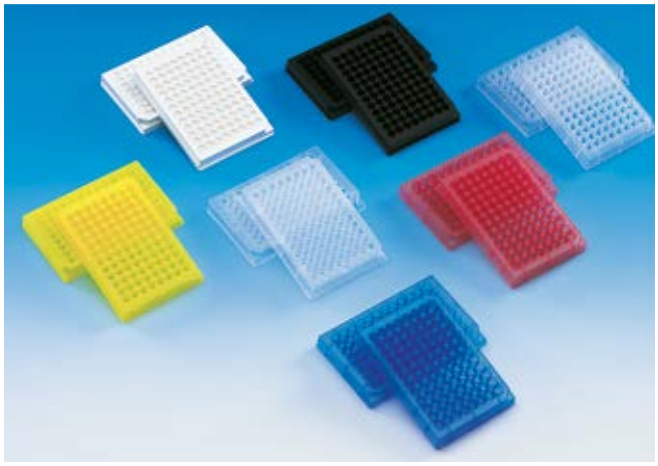
Nunc Polypropylene 96-Well Microplates

Plates for robotic systems

- **Well Capacity: 0.5 ml round bottom or 0.35 ml conical bottom**
- **Straight edges and long-skirted lid for a better grip on robots**
- **Available with barcode on request**
- **Round or conical bottom**
- **Autoclavable**
- **Temperature resistant from -180 °C to +121 °C**
- **Dimensions: 128 x 86 x 14 mm**

Various colours:

- **natural**: for sterile and non-sterile plates designed for screening, sample collection, combinatorial chemistry, liquid phase testing and sample storage;
- **black**: for **fluorescence**applications, reduction of background noise, minimal scattering of return light;
- **white**: for **fluorescence** and **luminescence**applications, maximum signal reflection, minimum autoluminescence and autofluorescence;
- red, blue or yellow: for sample banks, storage, sample collection.



Round bottom plates

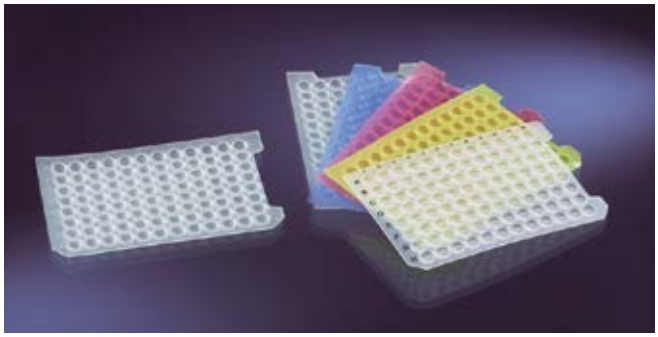
Colour	Natural sterile	Natural	White	Black	Blue	Yellow
Packaging unit	10	10	10	10	10	10
Units/box	120	120	120	120	120	120
Cat. No.	**054309**	**054310**	**054311**	**054312**	**054314**	**054315**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Conical bottom Plates

Colour	Natural sterile	Natural	White	Black	Red	Blue	Yellow
Packaging unit	20	20	20	20	20	20	20
Units/box	120	120	120	120	120	120	120
Cat. No.	**055528**	**055529**	**055530**	**055531**	**055532**	**055533**	**055534**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Flexible cover mats

Colour	Natural sterile	Natural	Blue	Yellow
Packaging unit	1	5	5	5
Units/box	50	50	50	50
Cat. No.	**054316**	**054317**	**054319**	**054320**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Nunc polypropylene 384-well plates

- **Microplates Compatible with robotic systems**
- **Square wells with round bottom for better sample access and optimal washing**

Applications

- **Design and storage of DNA banks for genetic testing and screening**
- **Synthesis and storage of compounds for combinatorial chemistry**
- **Black and white versions for fluorescence and luminescence methods**



Standard plates

Well Total volume: 120 µl. Usable capacity: 10 to 100 µl.

Colour	Natural	White	Black	Blue
Packaging unit	10	10	10	10
Units/box	120	120	120	120
Cat. No	**054322**	**054323**	**054324**	**054326**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Low volume plates

Maximum volume: 58 µl. Usable capacity: 35 µl.

Colour	Natural	Natural sterile	Black	White
Packaging unit	10	10	10	10
Units/box	100	100	100	100
Cat. No	**056271**	**056272**	**056273**	**056274**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Falcon®Polypropylene 96-well storage plates



- Made of low-retention, deformation-resistant polypropylene
- Sealing with mat or film
- Compatible with robotic systems
- 96-well Standard plates

Cat. No.	Volume/ wells	Bottom	Units/ bag	Units/ box	€/ box
351190	340 µl	Round	25	100	N/A -
353263	340 µl	Conical	25	100	N/A -

ABgene®Polypropylene 96-well storage microplates



- Made of virgin polypropylene without additives
- Ideal for combinatorial chemistry, storage
- Well Volume: 370 µl
- To SBS standards
- Well Bottom: round
- Ultra-transparent wells for excellent sample visibility
- Alphanumeric index

Endo-toxins · DNase RNase · Human DNA

Cat. No.	Colour	Units/ box	€/ box
016060	Natural	100	N/A -

ABgene®96-well storage plates, V-bottom

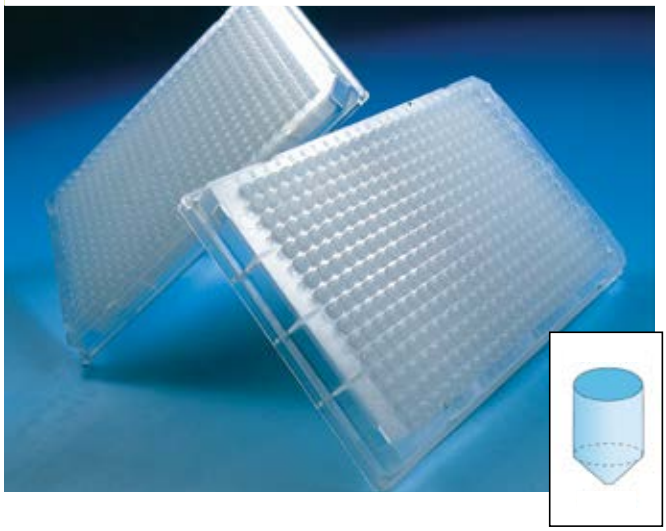


- Made of virgin polypropylene for sample storage (no leaching)
- Reinforced skirt for handling with robots
- Capacity 200 µl per well
- To SBS standards
- Alphanumeric marking and cut corner
- Closes with heat-sealable film, adhesive or cap strips
- Also available with custom barcode

Endo-toxins · DNase RNase · Human DNA

Cat. No.	Description	Units/ box	€/ box
016313	Storage 96-well plate, V bottom	100	N/A -

ABgene®384-well Microarray Plates

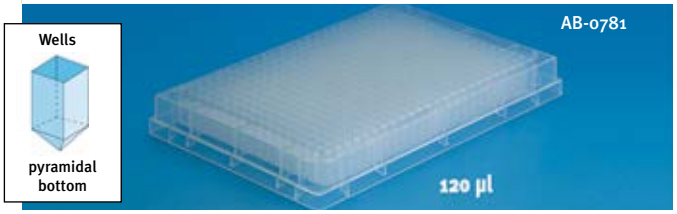


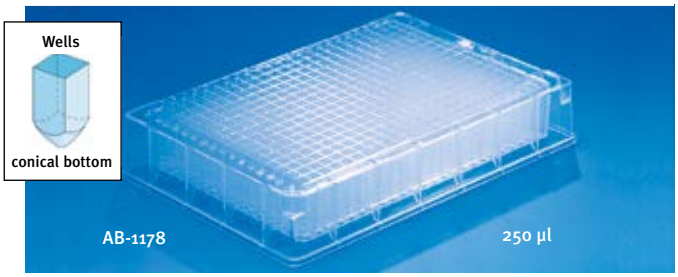
- Made of virgin polypropylene with excellent chemical resistance
- For storage of low volume samples
- Compliant with SBS microplate standards
- Low profile and reinforced sides
- Also available with custom barcodes
- Alphanumeric marking and cut corners
- Can be closed with heat-sealable or adhesive film, or a flexible septum mat

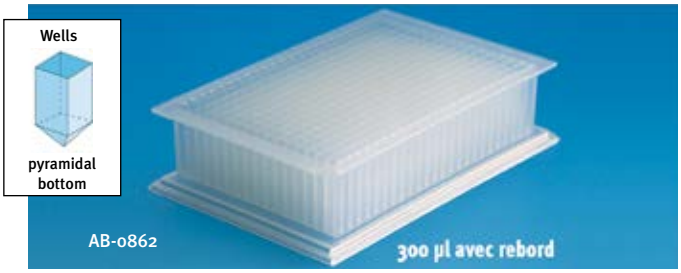
Cat. No.	Well Vol. (µl)	Well shape	Colour	Units/ box	€/ box
016444	55	Conical	Natural	50	N/A -

thermoscientific

ABgene®384-well storage Plates







- Made of virgin polypropylene
- Excellent rigidity
- Perfectly flat
- 3 different volumes for all applications
- Highly transparent 250 µl plate for good visibility of wells during sample deposition
- Pyramid bottom well for maximum sample recovery
- Double flange individualising each well for optimal sealing (adhesive, heat seal)
- Alphanumeric index

Volume	120 µl	250 µl	300 µl with edge
Well shape	Squared	Squared	Squared
Units/box	50	50	50
Natural	**016100**	**016572**	**016111**
€/box	**N/A -**	**N/A -**	**N/A -**

Polypropylene 96-round well microplates, flat, round or V-shaped raised bottom

- Flat, round or V-bottom plates
- Low profile with or without a ring on the well for easy sealing of adhesives

Cat.No	Description	Units/ box	€/ box
043459	96-well plate, raised flat bottom 350 µl	100	**N/A -**
058086	96-well plate, raised flat bottom 270 µl with ring	100	**N/A -**
058087	96-well plate, raised V bottom 220 µl with ring	100	**N/A -**



Eppendorf high transparency polypropylene 96 and 384 well microplates

For sample storage or applications requiring high resistance to solvents, such as DMSO. The 384 microplates are available in DNA LoBind and Protein LoBind grades for micro-volume applications.

- High transparency
- Black wells for fluorescence detection
- White wells for luminescence detection and/or low fluorescence levels
- OptiTrack®:Matrix alphanumeric marking combined with coloured borders
- RevoverMax® Well design: optimised well geometry, without any acute angles. For maximum sample recovery
- g-safe®: centrifugation resistance up to 6 000 g (5 000 g for sterile plates)
- Operating temperature from - 86 °C to 100 °C
- Autoclavable (121 °C, 20 min)
- Complies with ANSI/SBS standards
- Controlled by batch:
  - PCR clean, free of human DNA, DNase, RNase and PCR inhibitors
  - sterile



PP 384-well microplates

Well colour	Colour Frame	Working Vol.	Total Vol.	Bottom	The 80 plates (5 x 16) Cat.No	€/ box	The 240 plates (10 x 24) Cat.No	€/ box
PCR Clean								
Clear	White	10-120 µl	150 µl	Flat	**035379**	**N/A -**	**035387**	**N/A -**
Clear	White	5-120 µl	140 µl	V	**035380**	**N/A -**	**035388**	**N/A -**
White	Gray	5-120 µl	140 µl	V	**035381**	**N/A -**	**035389**	**N/A -**
Black	White	5-120 µl	140 µl	V	**035382**	**N/A -**	**035390**	**N/A -**
Sterile								
Clear	White	10-120 µl	150 µl	Flat	**035383**	**N/A -**	**035391**	**N/A -**
Clear	White	5-120 µl	140 µl	V	**035384**	**N/A -**	**035392**	**N/A -**
DNA LoBind								
Clear	White	5-120 µl	140 µl	V	**035385**	**N/A -**	**035393**	**N/A -**
Protein LoBind								
Clear	White	5-120 µl	140 µl	V	**035386**	**N/A -**	**035394**	**N/A -**

PP 96-well microplates

Well colour	Colour Frame	Working Vol.	Total Vol.	Bottom	The 80 plates (5 x 16) Cat.No	€/ box	The 240 plates (10 x 24) Cat.No	€/ box
PCR Clean								
Clear	White	50-350 µl	400 µl	Flat	**035359**	**N/A -**	**035369**	**N/A -**
Clear	White	20-320 µl	360 µl	Rounded	**035360**	**N/A -**	**035370**	**N/A -**
Clear	White	20-300 µl	350 µl	V	**035361**	**N/A -**	**035371**	**N/A -**
White	Gray	20-320 µl	360 µl	Rounded	**035362**	**N/A -**	**035372**	**N/A -**
White	Gray	20-300 µl	350 µl	V	**035363**	**N/A -**	**035373**	**N/A -**
Black	White	20-320 µl	360 µl	Rounded	**035364**	**N/A -**	**035374**	**N/A -**
Black	White	20-300 µl	350 µl	V	**035365**	**N/A -**	**035375**	**N/A -**
Sterile								
Clear	White	50-350 µl	400 µl	Flat	**035366**	**N/A -**	**035376**	**N/A -**
Clear	White	20-320 µl	360 µl	Rounded	**035367**	**N/A -**	**035377**	**N/A -**
Clear	White	20-300 µl	350 µl	V	**035368**	**N/A -**	**035378**	**N/A -**

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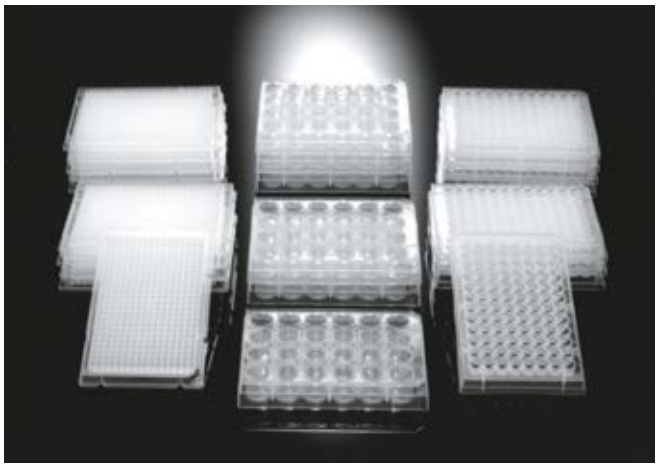
Polypropylene 96 round well plates



- SBS Format , compatible with automates
- Alphanumeric marking
- For sample storage at 86 °C, DNA denaturation at 100 °C
- Can be centrifuged at 6000 g
- Raised well edges for improved sealing
- Produced in a class 8 certified clean room
- Autoclavable
- Dimensions L x W x H (mm) 127.8 x 85.5 x 14.8

Cat. No.	Number of wells	Vol. (µl)	Colour	Well shape	Well bottom	Units/ box	€/ box
135700	96	360	Natural	Rounded	Conical	100	N/A -
135701	96	400	Natural	Rounded	Rounded	100	N/A -

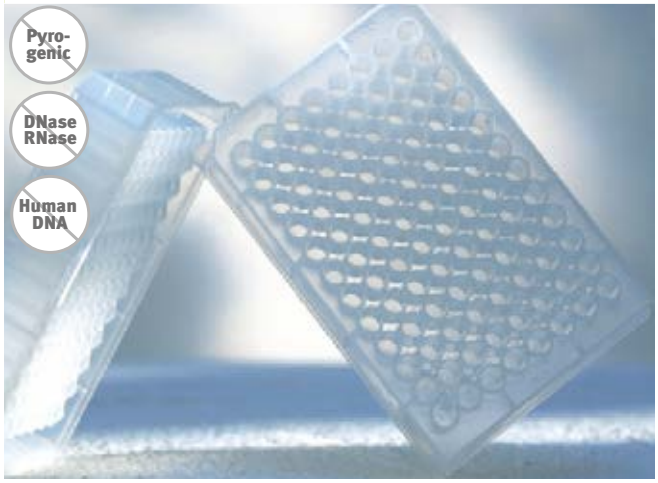
Polypropylene 24, 96 and 384 well plates



- Non-sterile polypropylene multi-well plates
- Alphanumeric markings
- High temperature resistant
- Can be closed with a plastic film or a lid

Cat. No.	Description	Pack unit.	Units/ box	€/ box
064025	24-well plate	10	100	N/A -
064026	96-well plate, flat bottom	10	100	N/A -
064027	96-well plate, round bottom	10	100	N/A -
064028	96-well plate, conical bottom	10	100	N/A -
064057	384-well plate, flat bottom, non sterile	-	100	N/A -
064058	PP Lid for PP 24-well plate	-	105	N/A -
064059	PP Lid for PP 96-well plate	-	105	N/A -
064060	PP Lid for PP 384-well plate	-	105	N/A -

Greiner Bio-One Masterblock® 0.5 ml, 1 ml and 2 ml storage blocks



96-well storage blocks for screening or sample storage.

- Polypropylene with good chemical and temperature resistance
- Heat sealable, with adhesive or flexible lid
- Alphanumeric index
- Robotic compatibility possible: consult us
- Raised wells to 0.5 mm (instead of 0.4 mm) for better sealing
- Free rotor centrifugation speed: 4800 g except Cat. No. 780271, 1800 g

Masterblock® - Natural

Cat. No.	Volume (ml)	Sterile	Well shape	Well bottom	Pack unit.	Units/ box	€/ box
786201	0.5	No	Rounded	V	8	80	N/A -
786261	0.5	Yes	Rounded	V	8	80	N/A -
780201	1	No	Rounded	U	1	50	N/A -
780215	1	No	Rounded	U	5	50	N/A -
780261	1	Yes	Rounded	U	1	50	N/A -
780270	2	No	Square	V	1	50	N/A -
780285	2	No	Square	V	5	50	N/A -
780271	2	Yes	Square	V	1	50	N/A -

Flexible lids for Masterblock®

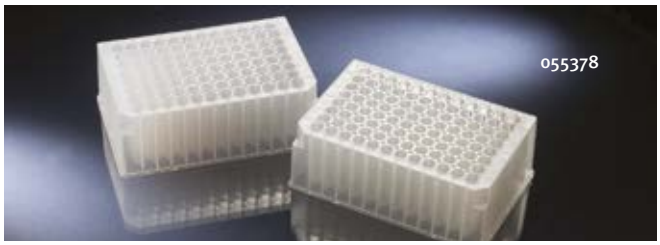
Cat. No.	Flexible lid for	Sterile	Pack. unit	Units/ box	€/ box
381070	Masterblock 0.5 ml and 1 m	No	10	50	N/A -
381061	Masterblock 0.5 ml and 1 m	Yes	1	50	N/A -
381080	Masterblock 2 ml	No	10	50	N/A -
381081	Masterblock 2 ml	Yes	1	50	N/A -

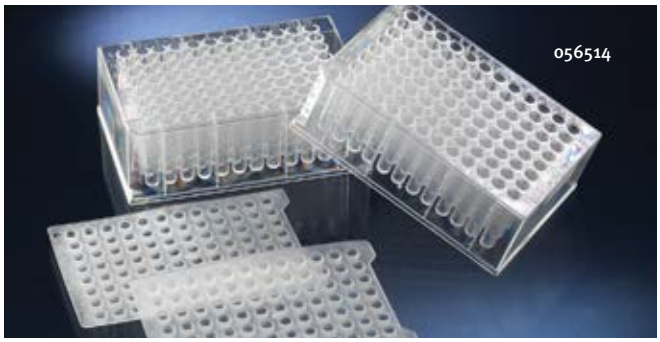
Nunc 96-well storage blocks

Polypropylene or polystyrene plates for sample storage, suitable for most robotic systems.

- **Alphanumeric index**
- **Can be closed with an adhesive or a flexible mat**
- **Round-bottom cylindrical wells**
- **Possibility of placing a barcode**







Polypropylene blocks

Cat. No.	Description	Pack unit.	Units/ box	€/ box
055376	PP Storage block 1 ml	5	50	N/A -
055377	PP Storage block 1 ml sterile	5	50	N/A -
055378	PP Storage block 2 ml	5	60	N/A -
055379	PP Storage block 2 ml sterile	1	60	N/A -

Polystyrene blocks

Cat. No.	Description	Pack unit.	Units/ box	€/ box
056514	PS Storage block 1 ml, non sterile	4	32	N/A -
056515	PS Storage block 1 ml, sterile	4	32	N/A -

Cap mat for polystyrene blocks

Cat. No.	Description	Pack unit.	Units/ box	€/ box
056056	Sterile cap mat for Deepwell PS	1	25	N/A -

Nunc lids and flexible lids

Lids

Three models:

- Universal lid, without cut-off for all plates;
- Ultra low profile cover with very low height;
- LowBot lid, specifically designed for robotic handling, very flat profile, with short skirt to allow barcode marking on the plate without removing the lid.

Cat. No.	Model	Sterile	Compatibility	Pack. unit	Units/ box	€/ box
056118	Universal	Yes	All plates	20	60	N/A -
056119	Universal	No	All plates	20	60	N/A -
056121	Universal	No	All plates	20	180	N/A -
055144	Condensation rings And Notched corners	Yes	96-well plates PS, deepwell PP	1	50	N/A -
055143	Condensation rings And Notched corners	No	96-well plates PS, deepwell PP	5	100	N/A -

Flexible lids

- **Can be used down to -80 °C for thermoplastic elastomers**
- **Can be used down to -20 °C for silicone models**
- **Resistant to DMSO, ethanol and methanol**
- **Repeatable drillable**

Cat. No.	Model	Sterile	Material	Colour	Drillable	Compatibility	Pack. unit	Units/ box	€/ box
054316	96-Well Cap Mat	Yes	Thermoplastic elastomer	Natural	Yes	96-well Plate multiwell and deepwell PP 055375, 056175 and 055378	1	50	N/A -
054317	96-Well Cap Mat	No	Thermoplastic elastomer	Natural	Yes	Idem	5	50	N/A -
054319	96-Well Cap Mat	No	Thermoplastic elastomer	Blue	Yes	Idem	5	50	N/A -
056125	96-Well Cap Mat, pre-cut	No	Silicone	Natural	Yes	Idem	10	50	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

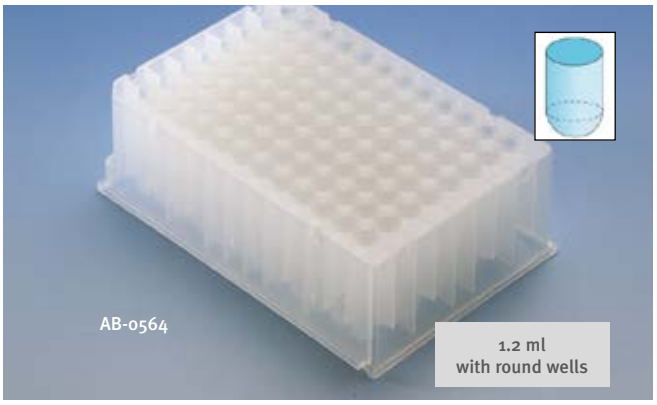
ABgene®96-well storage Plates 0.8 ml, 1.2 ml and 2.2 ml











- **Storage plates for sample storage, virgin polypropylene, no additives (no leaching)**
- **For applications in combinatorial chemistry, HTS, chemical libraries, etc.**
- **For bacterial culture, use the 2.2 ml conical bottom plate with permeable adhesive (type 016127)**
- **Good transparency for sample visibility**
- **Very good flatness**
- **Robotizable and can be centrifuged**
- **Excellent rigidity**
- **Individual packaging**
- **Also available with custom barcodes**
- **Alphanumeric marking**
- **Can be closed either with a rigid lid, a flexible lid with 96 pins, an adhesive film or by heat sealing**

DNase RNase · Human DNA · Endo-toxins

Volume	0.8 ml	1.2 ml	1.2 ml	2.2 ml	2.2 ml
Well shape	Round	Round	Square	Square	Square
Well Bottom	Conical	Round	Round	Round	Conical
Units/box	50	50	50	50	50
Plate	AB-0765	AB-0564	AB-1127	AB-0661	AB-0932
Natural	**016061**	**016069**	**016532**	**016025**	**016086**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Red	**016064**	-	-	-	-
€/box	**N/A -**	-	-	-	-

Flexible mats

Flexible closure lids for 96-well storage plates.

- **Round or square wells**
- **Perfectly flexible**
- **Alphanumeric index**
- **Available in pierceable (solvent resistant, including DMSO) or autoclavable (not DMSO resistant) versions**
- **Manufactured in clean room**





Cat. No.	Mat for Plates	Wells	Drillable	Auto-clavable	Units/ box	€/ box
016095	0.8 and 1.2 ml	Round	Yes	No	50	**N/A -**
016096	0.8 and 1.2 ml	Round	No	Yes	50	**N/A -**
016098	2.2 ml	Square	No	Yes	50	**N/A -**

Rigid lids

Rigid polypropylene or polystyrene lids suitable for all ABgene storage trays.
The lids with a rim make it easy to stack the plates.



Cat. No.	Material	Edge	Units/ box	€/ box
016120	Polystyrene	No	50	**N/A -**
016123	Polypropylene	Yes	50	**N/A -**

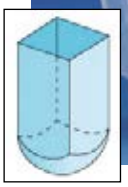
ABgene®Low Profile 96-well storage plates, 1.2 ml

For bacteria culture.

- Polypropylene 96-well 1.2 ml round bottom (1 ml storage volume if closed with flexible cap mat)
- Ultra compact, Height: 20 mm
- Also available with custom barcode
- Low Profile, to SBS standards
- Capacity 1.2 ml per well
- Can be closed with heat-sealable film, flexible lid or porous adhesive

Cat. No.	Description	Units/ box	€/ box
016532	Storage 96-well plate, Low Profile	50	N/A -



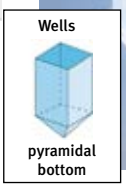


ABgene®48-well storage plates, 6 ml

- Made of polypropylene
- 48 wells, 6 ml
- Can be used as a reservoir for automats
- Closes with an adhesive film
- Alphanumeric index

Cat. No.	Description	Units/ box	€/ box
016099	Plate 6 ml	50	N/A -





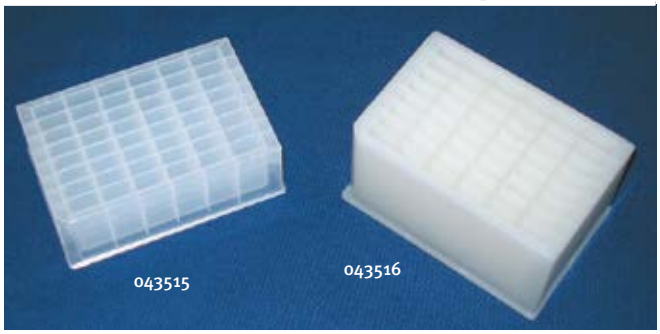
V-bottom square well microplates, large volume

porvair

Cat. No.	Description	Units/ box	€/ box
058093	Microplate 10 ml 24 square wells, V bottom	25	N/A -
043515	Microplate 5 ml 48 square wells, V bottom	25	N/A -

Capmat mat

Cat. No.	Description	Units/ box	€/ box
058049	Capmat for plate **043516**	100	N/A -



Microplates and Deepwells 96 square deep wells

porvair

- Whatever the volume, the height of the plate is the same, which makes it easy to use with robotic systems
- Height 45 mm
- Three volumes: 350 µl, 1 ml and 2 ml
- Made of polypropylene selected as low-release, sterile or non-sterile
- Conical bottom for easy sample concentration or recovery

Cat. No.	Volume	Sterile	Units/ box	€/ box
043449	350 µl	No	50	N/A -
043511	350 µl	Yes	50	N/A -
043450	1 ml	No	50	N/A -
043512	1 ml	Yes	5	N/A -
043451	2 ml	No	50	N/A -



Flexible mat

Cat. No.	Description	Units/ box	€/ box
043452	Flexible mat for square well plate	50	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

porvair DeepWell 96-Well reinforced Plates





DNase RNase

- Made of polypropylene, resistant to sample bead milling
- Reinforced wells
- Ideal for plant DNA extraction
- Resistant to -80 °C
- Total Vol. 2 ml / Working Vol.: 1.90 ml
- Well Height: 45 mm
- Available Sterile or non-sterile

Cat. No.	Description	Units/ box	€/ box
058119	DeepWell 96-Well reinforced Plate	50	N/A -
058120	DeepWell 96-Well reinforced Plate, sterile	50	N/A -
058121	Deepwell 96-well reinforced cap mat for plate	50	N/A -

porvair Deepwells 24 and 96 well plates for bacterial growth



- Made of polypropylene
- With lid
- Sterile
- Round or square wells

Cat. No.	Number of wells	Wells	Volume	Units/ box	€/ box
058119	24	Square	10 ml	25	N/A -
058120	96	Rounded	1 ml	25	N/A -
058121	96	Square	2 ml	25	N/A -

porvair 384 square, round-bottom or V-shaped well microplates



- Extra plates
- Three volumes: 58 µl, 120 µl and 300 µl
- Polypropylene, sterile or non-sterile

Cat. No.	Wells	Volume (µl)	Sterile	Units/ box	€/ box
058091	Round	58	No	60	N/A -
058092	V	300	No	48	N/A -
043509	V	300	Yes	48	N/A -

eppendorf Eppendorf Deepwell 96 and 384 microplates



- OptiTrack®:Matrix alphanumeric marking combined with coloured edges
- RevoverMax® Well design: optimised well geometry, without any acute angles. For maximum sample recovery
- g-safe®: centrifugation resistance up to 6 000 g (5 000 g for sterile plates)
- SBS Standard Compliant
- Flat surface with raised edges for effective sealing
- Operating temperature: from -86 °C to 100 °C
- Autoclavable (121 °C, 20 min)

No. wells	Volume (µl)	Quality	Units/ box	Blue	White	Yellow	Green	€/ box	Units/ box	White	€/ box
96	2000	PCR clean	20	034285	034281	034282	034284	N/A -	80	034291	N/A -
96	2000	Sterile	20	034290	034286	034287	034289	N/A -	80	034296	N/A -
96	2000	PCR clean, Protein LoBind	20	-	933088	-	-	N/A -	-	-	-
96	1000	PCR clean	20	034245	034241	034242	034244	N/A -	80	034261	N/A -
96	1000	Sterile	20	034250	034246	034247	034249	N/A -	80	034266	N/A -
96	1000	PCR clean, DNA LoBind	20	034255	034251	-	-	N/A -	80	034271	N/A -
96	1000	PCR clean, Protein LoBind	20	-	034256	034257	-	N/A -	80	034276	N/A -
96	500	PCR clean	40	034204	034200	034201	034203	N/A -	120	034220	N/A -
96	500	Sterile	40	034209	034205	034206	034208	N/A -	120	034225	N/A -
96	500	PCR clean, DNA LoBind	40	034214	034210	-	-	N/A -	120	034230	N/A -
96	500	PCR clean, Protein LoBind	40	-	034215	034216	-	N/A -	120	034236	N/A -
384	200	PCR clean	40	-	034301	-	-	N/A -	120	034321	N/A -
384	200	Sterile	40	-	034306	-	-	N/A -	120	034326	N/A -
384	200	PCR clean, DNA LoBind	40	-	034311	-	-	N/A -	120	034331	N/A -
384	200	PCR clean, Protein LoBind	40	-	034316	-	-	N/A -	120	034336	N/A -

- Controlled by batch:
  - PCR clean: free of human DNA, DNase, RNase and PCR inhibitors or -
  - sterile: available in DNA LoBind and Protein LoBind grades, with very low molecular adsorption, sterile

Eppendorf Sealing mats in TPE



Mat for Plates square wells (2000 µl)	Mat for Plates round wells (500 - 1000 µl)	Units/ box	€/ box
033826B	035044B	50	N/A -

Lids - In transparent polystyrene, packed in 5 bags of 16

Cat. No.	Description	Units/ box	€/ box
035719	PCR CLEAN lid for microplates or Deepwell	80	N/A -
035720	Sterile lid for microplates or Deepwell	80	N/A -

Enter the Cat. No. on Dulis.nl to find the Eppendorf Purity Levels Guide

WEB

Treff Deepwell plates 0.5 ml, 1.2 ml and 2.2 ml

Designed for storage or screening.

- Polypropylene or polystyrene 96-well plates
- 100% virgin polymer, no additives
- Fully automated production in a clean room class 8 according to ISO 14644-1
- Free of RNase, DNase, human DNA, endotoxins, PCR and ATP inhibitors
- Tightness tested
- Permanent testing of flatness and wall thickness
- Round-bottom wells
- ANSI/SLAS 2004 standard for robotic handling
- Suitable for magnetic separation devices
- Alphanumeric marking
- Ready to use (CleanRoom Pure)
- Resistant to a wide temperature range PP approximately -80 °C to +121 °C (autoclave 20 minutes, 100% humidity) according to DIN EN 285. PS -20 °C to 60 °C
- Centrifugation resistant up to 6000 g when used with Trefflab centrifuge mats
- Stackable
- Flexible mat or adhesive closure
- Raised well edges to prevent cross-contamination and improve sealing



0.5 ml plates (round wells)

Cat. No.	Vol. (ml)	Material	Wells	Sterile	Pack unit.	Units/ box	€/ box
034112B	0.5	Polypropylene	Round	No	7	56	N/A -
034174	0.5	Polypropylene	Round	Yes	7	56	N/A -
034113	Flexible lid for 034112B				50	50	N/A -

1.2 ml plates (round wells)

Cat.No	Vol. (ml)	Edges raised	Material	Sterile	Pack unit.	Units/ box	€/ box
034050	1.2	No	Polystyrene	No	4	32	N/A -
034051	1.2	No	Polypropylene	No	4	32	N/A -
034052	1.2	No	Polystyrene	Yes	4	32	N/A -
034053	1.2	No	Polypropylene	Yes	4	32	N/A -
034170	1.2	Yes	Polypropylene	No	4	32	N/A -
034171	1.2	Yes	Polystyrene	Yes	4	32	N/A -
034172	1.2	Yes	Polypropylene	Yes	4	32	N/A -
034173	1.2	Yes	Polystyrene	No	4	32	N/A -
034113	Flexible lid				50	50	N/A -

2.2 ml plates (square wells, round bottom)

Cat. No.	Volume (ml)	Material	Wells	Sterile	Pack unit.	Units/ box	€/ box
034055	2.2	Polypropylene	Square	No	4	32	N/A -
034190	2.2	Polypropylene	Square	Yes	4	32	N/A -
034056	Flexible lid for 034055				50	50	N/A -

Labcon Deepwell 2.5 ml microplates

- Squared wells
- Total volume 2.5 ml, 2.2 ml with cap mat
- Corner with black marking for correct orientation of the plate
- With or without lid
- Polypropylene microplate and lid, autoclavable
- Resistant to -80 °C



Cat. No.	Description	Units/ box	€/ box
949480	96-well plate	10	N/A -
949481	96-well plate with lid	10	N/A -

Cap mat

- In silicone
- Autoclavable at 121 °C
- Suitable for 96 square well PCR plates

Cat. No.	Description	Units/ box	€/ box
950692	Cap mat	50	N/A -

Labcon 96-well Deepwell Microplates

- Alphanumeric marking
- Internal Smooth-shape for better sample recovery
- SBS format suitable for use with robotic systems
- Autoclavable
- Resistant to -80 °C



Cat. No.	Volume (mL)	Sterile	Packaging unit	Units/ box	€/ box
949478B	1.2	No	10	100	N/A -
950621		Yes	10	100	N/A -
949529	2.2	No	10	100	N/A -
949530		Yes	10	100	N/A -
949471B*		No	10	100	N/A -

*For forensic application

All prices are indicative and exclude VAT. Visit www.dulis.nl

Matrix 96-well Deepwell Plates



- Made of polypropylene
- Round bottom wells, volume per well: 1 ml or 2 ml
- 96 wells
- SDS format for robotic handling
- Translucent
- Alphanumeric well marking
- Chimney wells to avoid the risk of cross-contamination when filling the wells

Cat. No.	Description	Units/ box	€/ box
446197	Martrix Deepwell Microplate 1 ml, 96-well	40	N/A -
446875	Martrix Deepwell Microplate 2 ml, 96-well	40	N/A -

Cap Mat



Cat.No	Cap Mat for	Sterile	Units/ box	€/ box
446049	1 ml block, 96 round well plate and Snap Racks	No	100	N/A -
446050	1 ml block, 96 round well plate and Snap Racks	No	10	N/A -
446051	1 ml block, 96 round well plate and Snap Racks	Yes	10	N/A -
446454	2 ml block, square wells	No	100	N/A -
446440	2 ml block, square wells	No	10	N/A -

Whatman™UNIPLATE Microplates



In transparent polypropylene. Ideal for applications below.

- Combinatorial chemistry
- Cryo storage of samples
- Mini-plasmid preparations
- Batch study of antigens/antibodies
- Storage of DMSO, powders and cryostorage
- Scintillation counting
- Tissue culture

Cat.No	Well base	Well shape	Vol. (µl)	No. of wells	Units/ box	€/ box
036065	Round	Square	2000	96	25	N/A -
036066	Plate	Rectangular	5000	48	25	N/A -

Flexible Lid and Mat

Cat. No.	Description	Units/ box	€/ box
036051	Lid In transparent polystyrene	100	N/A -

Whatman™24-well Plates, 10ml



- Cleaning and storage of compounds
- Mid-preparation of plasmid DNA
- Purification of recombinant vectors
- Culture of bacteria and fungi

Cat.No	Material Plate	Well base	Well shape	Well Vol.	Number of wells	Units/ box	€/ box
036067	Natural PP	Round	Square	10 ml	24	25	N/A -
036698	Natural sterile PP	Round	Square	10 ml	24	25	N/A -

Riplate® medio Plates

- Compact design reduces stacking height by 50%
- Edges with raised wells for hermetic sealing
- Alphanumeric marking



Cat. No.	Height (mm)	Total Vol. (ml)	Working Vol. (µl)	Sterile	Units/ box	€/ box
750289B	27	1.2	50 to 1000	No	32	N/A -
071414	20.5	0.6	20 to 500	No	40	N/A -

Accessory

Cat. No.	Description	Units/ box	€/ box
071425	Cap mat	20	N/A -

Riplate® Plates, round bottom

- SBS format
- Alphanumeric marking
- Raised well edges to prevent cross-contamination and improve sealing
- Suitable for use in thermal cycler and water bath



Cat. No.	Vol. (ml)	Colour	Material	Sterile	Units/ box	€/ box
850276	1	Natural	PS	No	20	N/A -
850289	1	Natural	PP	No	20	N/A -
850290B*	1	Natural	PP	No	20	N/A -
071412	1	Natural	PS	Yes	10	N/A -
071413	1	Natural	PP	Yes	10	N/A -
023134*	1	Natural	PP	Yes	10	N/A -

* Ventilation holes and raised well edges

Accessories

Cat.No	Description	Units/ box	€/ box
944310	Cap mat for Deepwell 1 ml	20	N/A -
071419	Cap mat for Deepwell 1 ml	10	N/A -
850277	Cap mat for Deepwell 1 ml, 25-pack	100	N/A -
606902	Cap mat for Deepwell 2 ml, 25-pack	100	N/A -

Riplate® Plate, square bottom

- Made of polypropylene
- SBS format
- Alphanumeric marking
- Square wells for maximum volume



Cat. No.	Number of wells	Total volume (ml)	Working volume	Sterile	Units/ box	€/ box
850301	96	2.5	50 µl to 2.4 ml	No	20	N/A -
850501	48	5	50 µl to 4.9 ml	No	20	N/A -
850601	24	10	50 µl to 9.9 ml	No	20	N/A -
071415	96	2.5	50 µl to 2.4 ml	Yes	10	N/A -
071416	48	5	50 µl to 4.9 ml	Yes	10	N/A -
071417	24	10	50 µl to 9.9 ml	Yes	10	N/A -

Accessories

Cat.No	Description	Sterile	Units/ box	€/ box
071465	Cap mat for 96-well plate, 2 ml	No	20	N/A -
071421	Cap mat for 48-well plate, 5 ml	No	20	N/A -
850557	Cap mat for 48-well plate, 5 ml	No	100	N/A -
071423	Cap mat for 24-well plate, 10 ml	No	20	N/A -
850677	Cap mat for 24-well plate, 10 ml	No	100	N/A -
071420	Cap mat for 96-well plate, 2 ml	Yes	10	N/A -
071422	Cap mat for 48-well plate, 5 ml	Yes	10	N/A -
071424	Cap mat for 24-well plate, 10 ml	Yes	10	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

96 and 384 well Deepwell plates



- Ideal for long-term storage
- HTS, Compatible with most robots
- SBS format, ANSI/SLAS 1/2004
- Slightly raised well edges for easy sealing with films and mats
- Ultra-clear for good sample visualization
- Made of virgin polypropylene for good sample recovery, chemical resistance and long term storage
- Sterile version free of pyrogens
- Alphanumeric marking a-H and 1-12
- Autoclavable, stackable

Human DNA · Endo-toxins · DNase RNase



Cat. No.	No. of wells	Volume	Wells	Bottom	Sterile	Units/ box	€/ box
840879	96	1.1 ml	Rounded	Rounded	No	50	N/A -
840885	96	1.1 ml	Rounded	Rounded	Yes	50	N/A -
840886	96	2 ml	Rounded	Rounded	No	50	N/A -
840887	96	2 ml	Rounded	Rounded	Yes	50	N/A -
840888	96	1.1 ml	Square	V	No	50	N/A -
840889	96	2 ml	Square	V	No	50	N/A -
840890	96	2 ml	Square	V	Yes	50	N/A -
840891	384	240 µl	Square	V	No	50	N/A -
840892	384	240 µl	Square	V	Yes	50	N/A -

Mat

Cat. No.	Pour well plate	Sterile	Units/ box	€/ box
840880	Rounded	No	50	N/A -
840893	Rounded	Yes	50	N/A -
840894	Square	No	50	N/A -
840895	Square	Yes	50	N/A -

Deepwell polypropylene plates with square wells



DNase RNase · Pyro-genic

- SBS Format , compatible with automates
- Alphanumeric marking
- For sample storage at 86 °C, DNA denaturation at 100 °C
- Can be centrifuged at 6000 g
- Raised well edges for improved sealing
- Black plates for light sensitive samples
- Colour plates for identification
- Produced in a class 8 certified clean room
- Autoclavable

Cat. No.	Number of wells	Volume	Colour	Well shape	Well bottom	Dimensions L x W x H (mm)	Units/ box	€/ box
135728	24	10 ml	Natural	Square	Conical	127.8 x 85.5 x 44.2	50	N/A -
135727	48	4.6 ml	Natural	Square	Rounded	127.8 x 85.5 x 41.2	50	N/A -
135718	96	1.6 ml	Natural	Square	Rounded	127.8 x 85.5 x 31.6	50	N/A -
135719	96	1.6 ml	Natural	Square	Conical	127.8 x 85.5 x 31.6	50	N/A -
135720	96	2 ml	Natural	Square	Conical	127.8 x 85.5 x 44.2	50	N/A -
135721	96	2 ml	Black	Square	Conical	127.8 x 85.5 x 44.2	50	N/A -
135722	96	2 ml	Blue	Square	Conical	127.8 x 85.5 x 44.2	50	N/A -
135723	96	2 ml	Yellow	Square	Conical	127.8 x 85.5 x 44.2	50	N/A -
135724	96	2 ml	Red	Square	Conical	127.8 x 85.5 x 44.2	50	N/A -
135725	96	2.2 ml	Natural	Square	Rounded	127.8 x 85.5 x 41.6	50	N/A -
135726	96	2.3 ml	Natural	Square	Conical	127.8 x 85.5 x 41.7	50	N/A -
135729	384	240 µl	Natural	Square	Conical	127.8 x 85.5 x 24.9	50	N/A -
135763	96	2.2 ml	Natural	Square	Rounded	127.8 x 85.5 x 44.2	50	N/A -
135764	384	300 µl	Natural	Square	Conical	128.15 x 85.5 x 30.2	50	N/A -

Plate mat



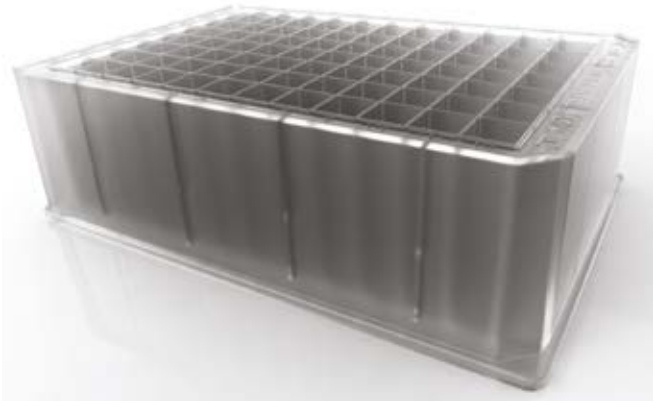


- In silicone or EVA
- Used for storage of aggressive solvents

Cat.No	Material	Compatibility	Perforable	Units/ box	€/ box
135752	Silicone	96 square well plate 1 ml, 1.6 ml, 2 ml, 2.2 ml and 2.3 ml	No	50	N/A -
135753	Silicone	96 square well plate 1 ml, 1.6 ml, 2 ml, 2.2 ml and 2.3 ml	Yes	50	N/A -
135754	Silicone	96 round well plate 0.36 ml, 0.4 ml, 1 ml, 2 ml	Yes	50	N/A -
135755	Silicone	96 round well plate 2 ml	Yes	50	N/A -
135756	Silicone	PCR 96 round well plate	No	50	N/A -
135757	Silicone	384 square well plate	No	50	N/A -
135758	EVA	96 square well plate	No	50	N/A -
135759	Silicone	48 square well plate	No	50	N/A -

Deepwells 96, 48, 24 well plates and lids

- Polypropylene sterile or non-sterile
- Square wells, flat bottom, alphanumeric index



				Sterile		Non-sterile	
Number of wells	Volume (ml)	Pack unit.	Units/ box	Cat.No	€/ box	Cat.No	€/ box
96	2	5	20	**064247**	**N/A -**	**064248**	**N/A -**
48	5	5	20	**064250**	**N/A -**	**064251**	**N/A -**
24	10	5	20	**064252**	**N/A -**	**064253**	**N/A -**

Lid - Polypropylene, non-sterile

Cat. No.	Description	Units/ box	€/ box
064249	Lid for 96-well Deepwell	105	**N/A -**

Deepwell Storage Plates

- Made of polypropylene
- Non-sterile
- Autoclavable



Cat. No.	Volume (ml)	Well shape	Units/ bag	€/ bag
010212	1	Rounded	24	**N/A -**
010213	1.6	Square	24	**N/A -**
010214	2.2	Square	24	**N/A -**

Deepwell 24-well Plates, 25 ml

- Well volume: 25 ml / total volume: 600 ml
- Made of polypropylene
- Height of the plate: 88 mm
- Optional barcode



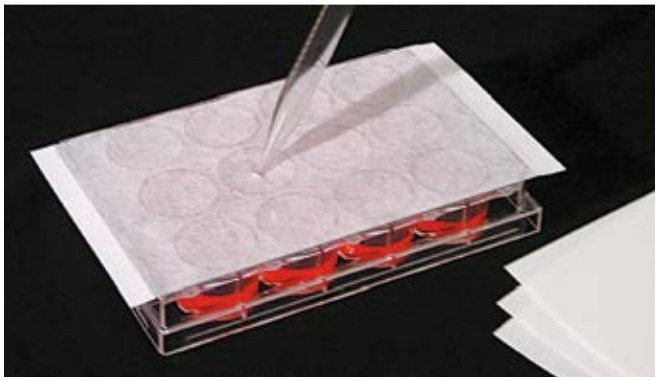
Cat. No.	Description	Units/ box	€/ box
750250	Deepwell 24-well plates, 25 ml	24	**N/A -**



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Films for cell and microbial cultures

ClearLine® AeraSeal™Porous film



- Porous hydrophobic adhesive film with a total thickness of 140 µm
- Promotes uniform gas exchange in all wells
- Non-cytotoxic
- Highly gas permeable
- Easily pierced with a pipette tip for sample recovery
- Can be used from -20 °C to +80 °C

Cat. No.	Description	Units/ box	€/ box
760214	AeraSeal™ Adhesive Film	100	N/A -
760215	AeraSeal™ Adhesive Film, sterile	50	N/A -
765247	AeraSeal™ film roll, non sterile, 81 mm x 100 m	-	N/A -

Air-O-Seal 4titude Film



- Hydrophobic gas permeable adhesive film optimised for cell or bacterial cultures (available sterile)
- Pierceable, peelable
- Temperature range: -20 °C to 40 °C
- Humidity transfer rate: 4200 g/m²/day
- Porosity: 10 sec/100 cc/in2
- Dimensions: 135 x 78 mm

Cat.No	Description	Units/ box	€/ box
044876	Air-O-Seal adhesive film	100	N/A -
044877	Air-O-Seal adhesive film, Sterile	100	N/A -

4Titude Peelable gas permeable adhesive films



- Sterile, for eukaryotic or bacterial cell cultures
- Pierceable, peelable
- Temperature range: -20 °C to 80 °C
- 3 film formats: 42, 96 or 384 wells / Dimensions: 135 x 80 mm
- Promotes gas exchange by limiting evaporation
- Applicator available: Cat. No. 044816, consult us

Cat.No	Description	Units/ box	€/ box
044850	Adhesive Film for 96-well plate	50	N/A -
044849	Adhesive Film for 384-well plate	50	N/A -
448047	Adhesive Film for 42-well plate	50	N/A -

Greiner Bio-One BreathSeal porous film for culture



Gas permeable porous film for cell culture plates.

Cat.No	Description	Units/ bag	Units/ box	€/ box
676050	BreathSeal porous film	50	50	N/A -
676051	BreathSeal porous film, sterile	50	50	N/A -

Breathe Easy and Breathe Easier adhesive films



- Films allowing the exchange of oxygen, CO_2, and water vapours
- Non-cytotoxic, sterile, facilitate cell culture
- With two removable positioning tabs

Breathe - Easy features

- L x W (cm): 5.24 x 8.25
- UV transparent up to 300 nm

Breathe - Easier features

- Resistant to caustic agents and solvents from -20 °C to +80 °C
- L x W (cm): 15.24 x 8.89
- Easily pierced with a pipette tip

Cat. No.	Description	Units/ box	€/ box
053472	Breathe - Easy Adhesive Film	100	N/A -
053473	Breathe - Easier Adhesive Film	100	N/A -

Nunc sterile adhesive films

Adhesive films suitable for all microplates.
Gas permeable rayon films for cell and microbiological culture.

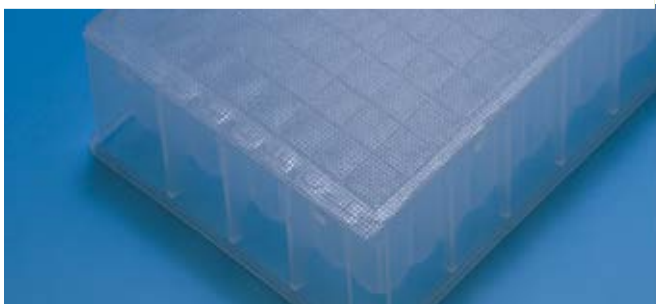


Cat.No	Material	Drillable	RNase free	Sterile	Units/ box	€/ box
055049	Polyester	No	No	Yes	800	N/A -
056261	Rayon	Yes	No	Yes	50	N/A -
056262	Rayon	No	Yes	No	50	N/A -
056487	Polyester	No	Yes	No	1000	N/A -

Gas permeable adhesive film

A film that allows ventilation of crops while providing a barrier against bacterial contamination. The permeable film can be covered with another waterproof film or a cover.

- **Operating temperature: -20 °C to +80 °C**
- **Dimensions: 151 x 84 mm**



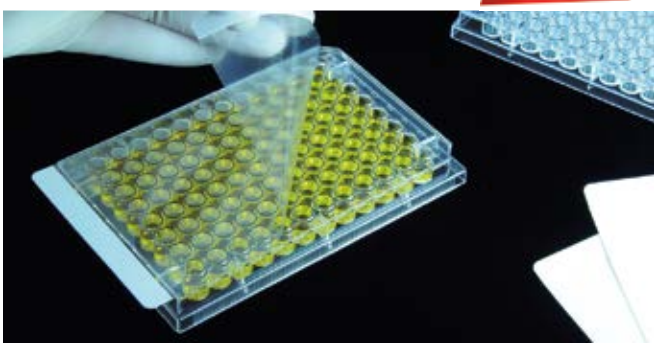
Cat. No.	Description	Units/ box	€/ box
016127	Gas permeable film	50	N/A -

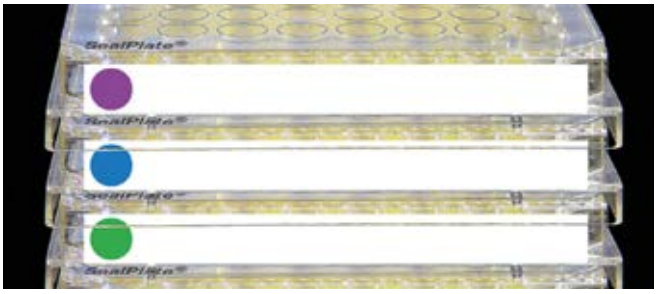
Films for short-term storage, incubation and ELISA

ClearLine® SealPlate®Films

Applications: short-term storage, incubation, ELISA.

- **Made of 50.8 µm polyester**
- **Operating temperature: -40 °C to 120 °C**
- **For plates without collar**
- **Dimensions without tab: 125 x 79.4 mm**
- **With two detachable tabs**
- **Transparent**
- **Minimise evaporation**
- **Available with coloured spot**





Cat. No.	Colour	Sterile	Units/ box	€/ box
760200	Natural	No	100	N/A -
760201	Natural	Yes	100	N/A -
760222	Green	No	100	N/A -
760223	Lavender	No	100	N/A -
760224	Orange	No	100	N/A -
760225	Red	No	100	N/A -
760226	Blue	No	100	N/A -
760227	Assorted	No	5 x 10	N/A -
765272	Natural	No	500*	N/A -

* Roll Film

ClearLine® MiniStrip™ Film 1 x 8

Applications: short-term storage, incubation, ELISA.

- **Made of 50.8 µm polypropylene**
- **Operating temperature: -40 °C to +120 °C**
- **For 8-tube strips and plates**
- **Dimensions without tab: 82.6 x 9.5 mm**
- **With two detachable tabs (except roll film)**
- **Transparent**



Cat.No	Description	Units/ box	€/ box
765273	ClearLine® MiniStrip® Film 1 x 8	400	N/A -
765274	ClearLine® MiniStrip® Film 1 x 8 , sterile	400	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

ClearLine® MiniStrip™ Film, 2 x8

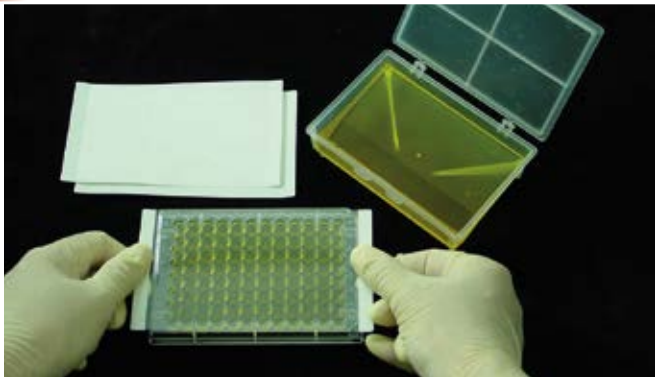


Applications: short-term storage, incubation, ELISA.

- Made of 50.8 µm polyester
- Operating temperature: -40 °C to 120 °C
- For 2 x 8-tube strips and plates
- Dimensions without tab (mm): 82.6 x 19.1
- With two detachable tabs
- Transparent

Cat. No.	Description	Units/ box	€/ box
760202	Film 2 x 8 MiniStrip™ ClearLine®	200	N/A -
760203	Film 2 x 8 MiniStrip™ ClearLine® sterile	200	N/A -

ClearLine® ThinSeal™ Film



Applications: short-term storage, incubation, ELISA.

- Made of 25.4 µm polyester
- Operating temperature: -40 °C to 120 °C
- For plates without collar
- Dimensions without tab (mm): 121.2 x 79.4
- With two detachable tabs
- Transparent
- Thin film easily pierced with a pipette tip

Cat. No.	Description	Units/ box	€/ box
760204	Film ThinSeal™ ClearLine®	100	N/A -
760205	Film ThinSeal™ ClearLine® sterile	100	N/A -

Seal 4titude Microplate Film



Applications: short-term storage..

- Made of polyester
- Operating temperature: -20 °C to 80 °C
- Universal
- Dimension (mm): 130 x 80
- With two tabs
- Transparent

DNase RNase

Cat. No.	Description	Units/ box	€/ box
016510F	Microplate Seal Film	100	N/A -

Universal film for microplates



- Universal adhesive film for all brands of microplates
- Non-toxic
- Pre-cut in microplate sheet or roll format

Cat. No.	Description	Units/ box	€/ box
020100	Pre-cut Adhesive Film	100	N/A -
064031	Pre-cut sterile adhesive film unit pack	50	N/A -

Dynex M30 Film

High quality universal film for all microplates.

Cat. No.	Description	Units/ box	€/ box
047235	Dynex M30 Film	100	N/A -

Adhesive plastic film



Adhesive film for short term storage or transport.

- Peelable by hand
- Drillable
- Operating temperature: -40 °C to +80 °C

Cat. No.	Description	Units/ box	€/ box
016126	Adhesive storage film	100	N/A -

Pre-drilled films

ClearLine®X-Pierce™ Film

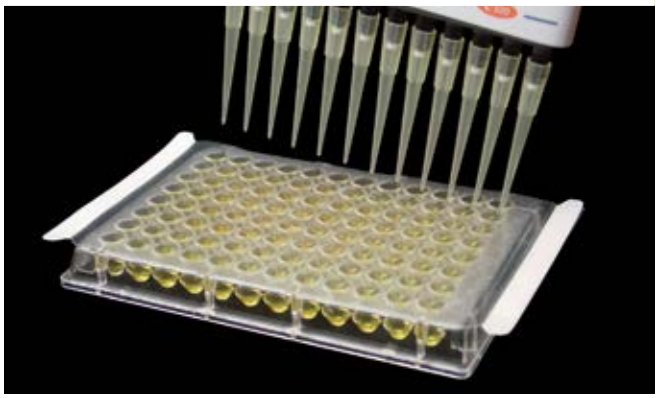
- 89 µm vinyl film with 18 µm adhesive layer
- With pre-cut X for easy piercing of the adhesive with a pipette tip when taking samples
- After sampling and removal of the tip, the "X" closes and the sample is still protected from contamination
- Dimensions: 79.4 x 145.5 mm
- Operating temperature: -40 °C to +90 °C



Cat. No.	Description	Units/ box	€/ box
760234	X-Pierce™Film	100	N/A -
760235	X-Pierce™ Film, sterile	50	N/A -

ClearLine® EZ-Pierce™ Film

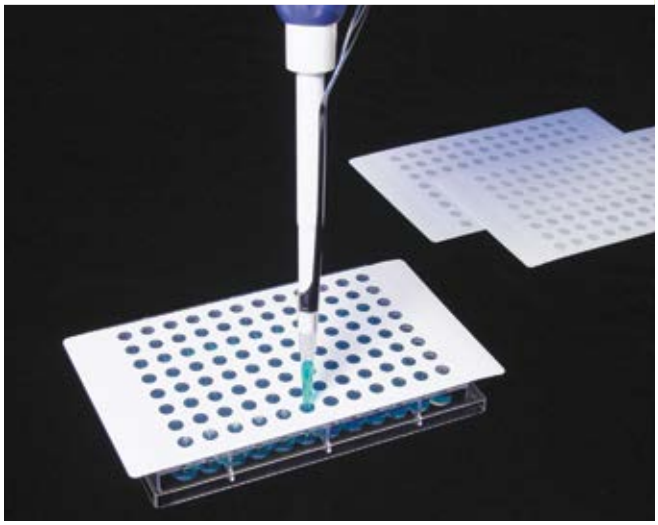
- Easily pierceable film
- Polyethylene film, thickness 70 µm
- Acrylic adhesive
- For direct sample retrieval with single or multi-channel pipette tips or robotic systems
- Dimensions: 82.6 x 146.1 mm
- Can be used from -40 °C to +90 °C



Cat. No.	Description	Units/ box	€/ box
760216	EZ-Pierce™Adhesive Film	100	N/A -
760247	EZ-Pierce™ Adhesive Film sterile	50	N/A -

ClearLine® Zone-Free™Film

- Film with polyethylene top layer
- Thickness: 70 µm
- Acrylic adhesive, white polypropylene underlay
- For direct sample retrieval with single or multi-channel pipette tips or robotic systems
- Dimensions: 79.4 x 142.9 mm
- The non-adhesive polyethylene layer prevents adhesive from remaining on the tip and coming into contact with the sample
- For 96-well plate
- Clear area above each well free of adhesive
- With installation tabs
- Inert
- Good chemical resistance
- Can be used from -40 °C to +90 °C

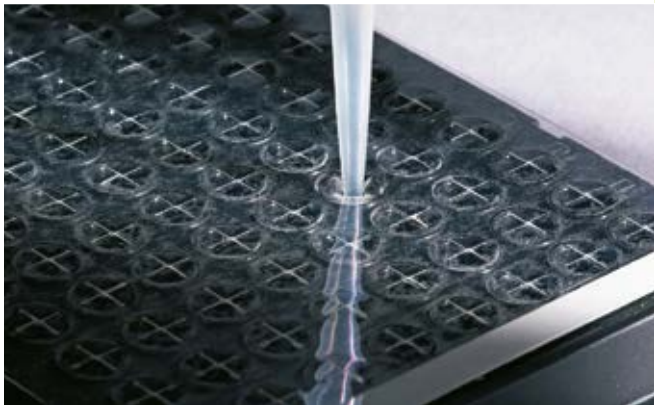


Cat. No.	Description	Units/ bag	Units/ box	€/ box
760220	Zone-Free™Adhesive Film	50	50	N/A -

4Titude Pre-punched peelable adhesive films

Pre-punched transparent polyester adhesive films.

- Peelable, pierceable
- No glue in the pre-drilled areas to prevent clogging of the cones or needles
- Applications: sample handling and collection in 96-well plates
- Not suitable for PCR



Cat. No	Description	Operating temperature	Units/ box	€/ box
044716	Pre-punched adhesive film for 96-well plates	-20 °C to +110 °C	100	N/A -
045700	Pre-punched adhesive film for 384-well plates	-80 °C to +120 °C	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Films for Fluorescence

ClearLine® AbsorbMax® and BrightMax® Films



WEB

Enter the Cat. No. on Dulis.nl
to find the complete Excel film guide

Applications: luorescence, luminescence.

- In 203.2 µm vinyl
- Operating temperature: -40 °C to 80 °C
- Without tab
- Opaque
- AbsorbMax: absorbs light, reduces stray light
- BrightMax: reflects light and increases sensitivity

Cat. No.	Description	Dimensions (mm)	Units/ box	€/ box
760241	ClearLine® AbsorbMax® Film for black plate	114.3 x 76.2	100	N/A -
760245	ClearLine® BrightMax® Film for white plate	116.1 x 76.2	100	N/A -

Nunc adhesive films

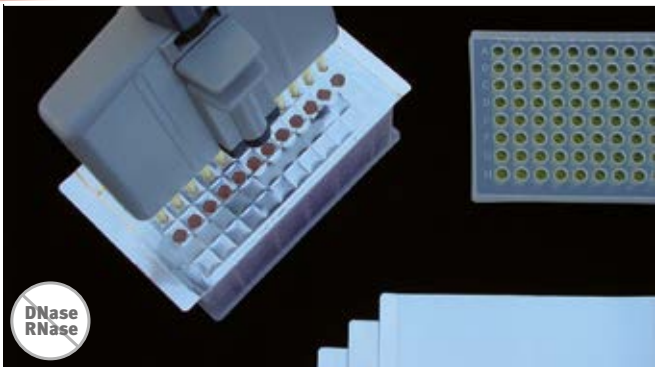


- Can be used from -40 °C to +80 °C

Cat. No.	DNase RNase free	Applications	Drillable	Colour	Material	Units/ box	€/ box
056110	Yes	To be drilled, low autofluorescence	Yes	Transparent	Polyethylene	100	N/A -
056486	No	Opaque film for photosensitive material	No	Black	Vinyl	50	N/A -
056889	No	Luminescence	No	White	Polyester	50	N/A -

Aluminium films

ClearLine® AlumaSeal II® Film

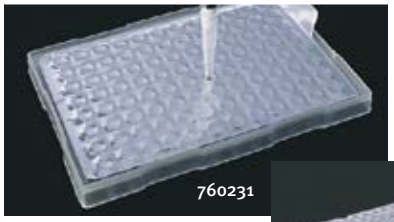


Applications: PCR, long-term storage

- 35.6 µm aluminium
- Operating temperature: -80 °C to +120 °C
- Universal
- Dimensions without tab: 125.4 x 82.6 mm
- With two detachable tabs
- Good chemical resistance
- Drillable
- Opaque
- Does not withdraw into itself

Cat. No.	Description	Units/ box	€/ box
760212	ClearLine® AlumaSeal II® Film	100	N/A -
760213	ClearLine® AlumaSeal II® Film, sterile	50	N/A -
765248	ClearLine® AlumaSeal II ® Film in 100 m rolls	1	N/A -

ClearLine® AlumaSeal 96® and AlumaSeal 384® Films





DNase
RNase

Applications: PCR, long-term storage

- 38.1 µm aluminium
- Operating temperature: - 80 °C to +120 °C
- With a tab
- Drillable
- Opaque
- Reinforced sealing for 96-well plates

Cat.No	Description	Dimensions (mm)	Units/ box	€/ box
760231	ClearLine® AlumaSeal 96® Film for 96-well plate, non-skirted	117.5 x 77.8	100	N/A -
760232	ClearLine® AlumaSeal 384® Film for 384-well plate or Deepwell	123.8 x 82.6	100	N/A -

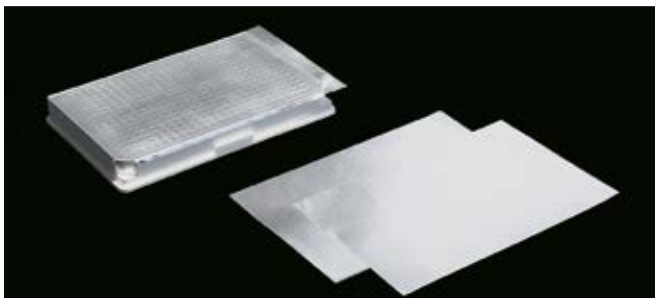
ClearLine® Alumaseal CS™Adhesive film for

Application: cold storage of microplates.

- Dimensions: 82.6 x 132.6 mm
- Length without tabs: 123.04 mm
- Withstands down to -80 °C

DNase RNase

Cat. No.	Description	Units/ bag	Units/ box	€/ box
760243	AlumaSeal™Film CS	100	100	N/A -
760244	AlumaSeal™Film CS sterile	25	50	N/A -



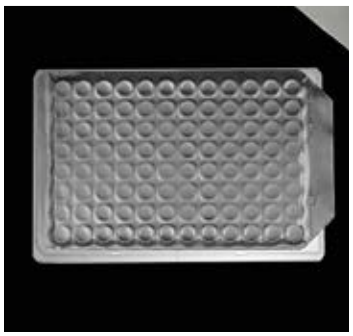
ClearLine® FoilSeal® Film

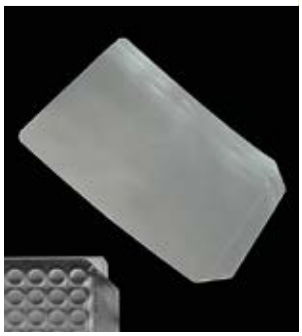
Applications: PCR

- 50.8 µm aluminium
- Operating temperature: -20 °C to 120 °C
- Universal
- Dimensions without tab: 118.1 x 78.3 mm
- With a detachable tab
- Drillable
- Opaque

DNase RNase

Cat. No.	Description	Units/ box	€/ box
765282	ClearLine® FoilSeal® Film	100	N/A -
765281	ClearLine® FoilSeal® Film Sterile	50	N/A -





ClearLine®FoilSeal® Ezcap Film 1 x 8 PCR

Applications: PCR

- 50.8 µm aluminium
- Operating temperature: -20 °C to 120 °C
- For 8-tube strips and plates
- Dimensions without tab: 81.2 x 10.1 mm
- With two detachable tabs
- Drillable
- Opaque

DNase RNase

Cat. No.	Description	Units/ box	€/ box
765268	ClearLine®FoilSeal® Ezcap Film 1 x 8 PCR	100	N/A -



ClearLine® eXTRreme™ FoilSeal™Film for PCR

Applications: PCR, long term storage, light sensitive experiments and robotic applications.

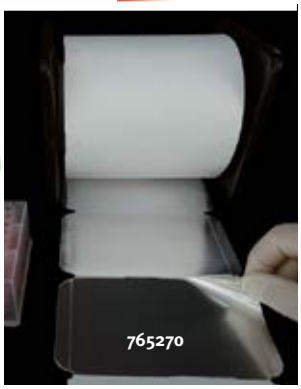
- Universal aluminium waterproof film
- Thickness 48 µm
- Dimensions: 78.3 x 129 mm
- Length without tabs: 118.1 mm
- Excellent chemical resistance (including DMSO)
- Temperature: -80 °C to +120 °C
- Drillable with pipette tips and robotic tips
- Removes without leaving a residue
- Single film with one detachable tab, roll film with two detachable placing tabs (width 10 mm)

DNase RNase

Cat.No	Description	Dim. (mm)	Units/ box	€/ box
765266	eXTRreme™ FoilSeal™ Film for PCR	78.3 x 129	100	N/A -
765270	eXTReme™ FoilSeal™ pFilm roll for PCR	78.3 x 139	500	N/A -



765266



765270



Enter the Cat. No. on www.dulis.nl to find the complete Excel film guide

All prices are indicative and exclude VAT. Visit www.dulis.nl

4Titude Aluminium Film



Applications: PCR, and storage.

- In aluminium
- Operating temperature: -40 °C to +120 °C
- Dimensions (mm) 130 x 80
- With two tabs
- Drillable
- Opaque

DNase RNase

Cat. No.	Description	Units/ box	€/ box
016125F	4Titude Aluminium film	100	N/A -

4titude Aluminium Film with high solvent resistance



Applications: PCR, storage.

- In aluminium
- Operating temperature: -20 °C to +80 °C
- Dimensions (mm) 122 x 80
- With two tabs
- Excellent chemical resistance (including DMSO)

DNase RNase

Cat.No	Description	Units/ box	€/ box
044766	Aluminium film with high solvent resistance	100	N/A -

Aluminium film for all plates



Universal adhesive film made of transparent plastic or aluminium, very high performance, for any standard microplate, PCR plate, storage plate.

- Very low evaporation
- Drillable with a tip or pipette
- 120 x 80 mm (131 x 81.3 mm with tab)
- Temperature range of -30 °C to +150 °C for aluminium film

DNase RNase

Cat. No.	Description	€ 100 units
106570B	Aluminium Adhesive Film	N/A -

Nunc Aluminium Films



Applications: PCR and storage

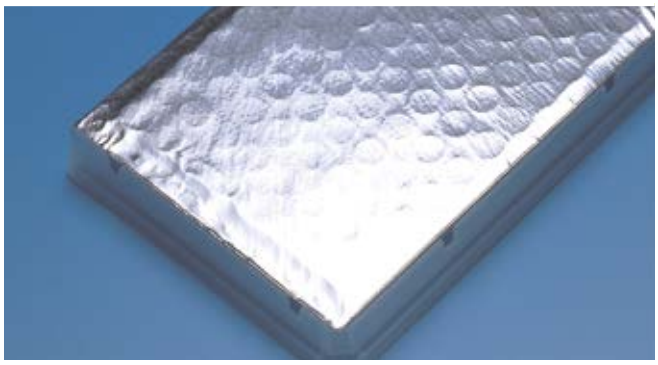
- Aluminium adhesive films
- Drillable
- Non-sterile

DNase RNase

Cat.No	Description	Temperature	Units/ box	€/ box
056320	Adhesive Film for 96-well plate	-80 °C to +150 °C	100	N/A -
056321	Adhesive Film for 384-well plate	-80 °C to +150 °C	100	N/A -
056112	Universal adhesive film	-80 °C to +120 °C	100	N/A -

ABgene®Adhesive films for PCR plates

- Clear plastic with strong adhesion: peelable by hand
- Aluminium: peelable or pierceable and non-cutting
- High quality performance minimising any risk of evaporation (especially for low volume PCR)
- Edge tabs for easy removal
- Operating temperature: -20 °C to +120 °C for plastic, and -40 °C to +120 °C for aluminium

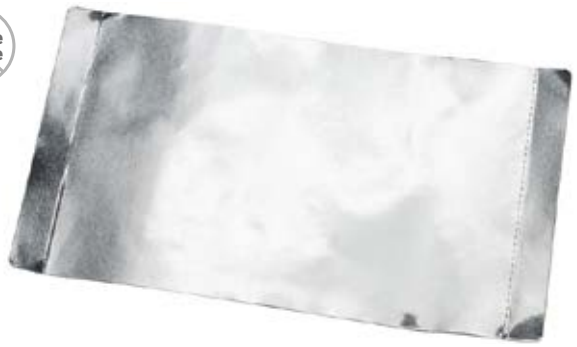


Cat. No.	Description	Units/ box	€/ box
016028	Transparent PCR film with high adhesion	100	N/A -
016125	PCR aluminium film 130 x 80 mm	100	N/A -
016925	Film Applicator	1	N/A -

SecureSeal aluminium film for PCR plate

- Operating temperature: -80 °C to +120 °C
- Can be pierced with a pipette tip

DNase RNase



Cat. No.	Description	Units/ box	€/ box
039367	Non-sterile aluminium Film	100	N/A -



Find the films for PCR and qPCR in the Molecular Biology chapter

Nunc lids

Three models:
- Universal lid, without cut-off for all plates;
- Ultra low profile cover with very low height;
- LowBot lid, specifically designed for robotic handling, very flat profile, with short skirt to allow marking on the plate of a barcode without removing the lid.

Cat. No.	Model	Sterile	Compatibility	Pack. unit	Units/ box	€/ box
056118	Universal	Yes	All plates	20	60	N/A -
056119	Universal	No	All plates	20	60	N/A -
056121	Universal	No	All plates	20	180	N/A -

Plate closing tools

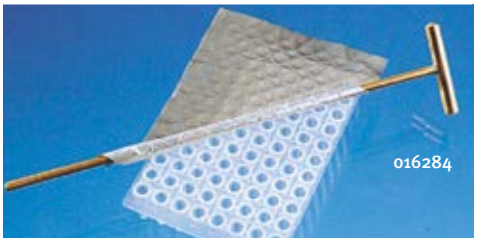


Roll for closing the plates with a plastic or aluminium adhesive film. Width: 10.1 cm.



The Cap-it tool allows clean, contamination-free and fast closure of domed cap strips on microtubes or microplates.

Tool for effortless removal of ThermoSeal heat sealable film only.





Specially designed for round well storage plates and 1.2 ml transfer tubes. Each cap has a handling tab.

Cat. No.	Description	Units/ box	€/ box
016560	Individual caps	960	N/A -
016006	Cap-it closing tool	1	N/A -
016129	8-Cap strips	120 x 8	N/A -
039131	Film roll	1	N/A -

Individual caps for microplates and storage plates (with handling tab).



All prices are indicative and exclude VAT. Visit www.dulis.nl

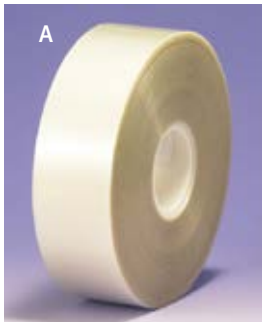
A4S Automatic sealer without compressor

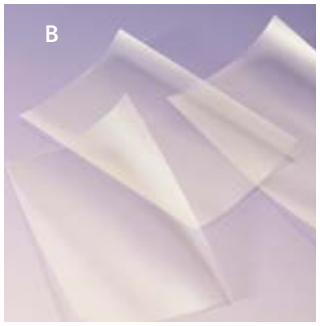


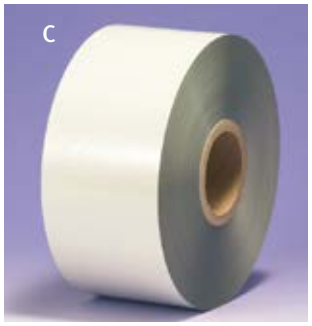
Automatic, compatible with a very wide range of 96, 384 or storage PCR plates, including 1536 well plates (SBS format).

- **Compact, without compressor**
- **Intuitive touchscreen interface with colour display**
- **Saving used protocols**
- **Adapters for plates included**
- **Works with 78 mm wide rolls**
- **2 positions for rollers depending on size and space available**
- **Important: Do not seal plates with top flanges, type 4Ti-0730/C, AB-1100 or standard ABI plates (Fast PCR compatible plates)**

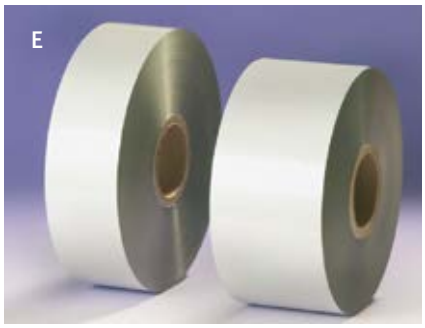
Weight (kg)	28.54
Dimensions (W x L x H) (mm)	640 x 380 x 400
Voltage	110 - 230 V
Power	750 W
Sealing temperature	120 - 200 °C
Sealing time	0 - 10 s
Cat. No.	**448021**
€	**N/A -**

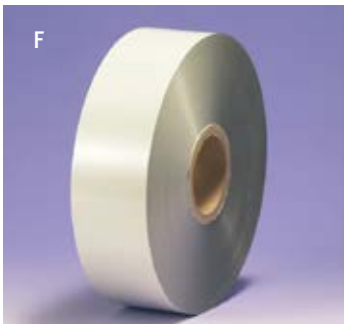






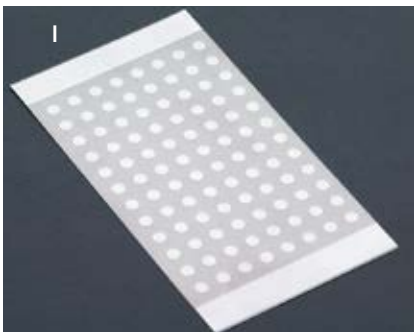




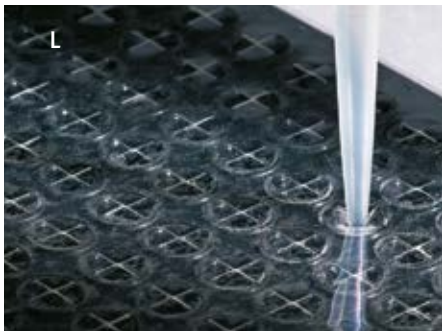












Sealing Films and rolls

Cat.No	Photo	Model	Features	Packaging	For	€
016462F	A	Clear Seal	Optical Film for QPCR	500 m x 78 mm Roll	ALPS 300, 3000 and A4S	**N/A -**
044770	A		Effective from -80 °C to 80 °C	350 m x 115 mm Roll	Velocity 11 PlateLoc	**N/A -**
016427F	B		or 110 °C with pressure lid	100 foils	ALPS 50V or Sealer 4S3	**N/A -**
016276F	A	Clear Weld Seal Mark II	Optical film for QPCR and storage	610 m x 78 mm Roll	ALPS 300, 3000 and A4S	**N/A -**
044771	A		Effective from -80 °C to 110 °C	500 m x 115 mm Roll	Velocity 11 PlateLoc	**N/A -**
044720	B		Good resistance to solvents (DMSO)	100 foils	ALPS 50V or Sealer 4S3	**N/A -**
016274F	A	Clear Seal 3730	To be used with PE, PS and PP plates	610 m x 78 mm Roll	ALPS 300, 3000 and A4S	**N/A -**
044773	A		Effective from -80 °C to 90 °C or 110 °C with	500 m x 115 mm Roll	Velocity 11 PlateLoc	**N/A -**
044772	A		pressure lid - pierceable	Roll of 1000 pre-cut foils	ALPS 50V or Sealer 4S3	**N/A -**
			Recommended for the ABI 3730 sequencer			
016273F	C	Peel Seal	Peelable film for PP plates	600 m x 78 mm Roll	ALPS 300, 3000 and A4S	**N/A -**
044767	C		Effective from -80 °C to 110 °C	500 m x 115 mm Roll	Velocity 11 PlateLoc	**N/A -**
016279F	D		For storage and PCR	100 foils	ALPS 50V or Sealer 4S3	**N/A -**
044777	C	DMSO Resistant Peel Seal	Peelable film for PP plates	500 m x 78 mm Roll	ALPS 300, 3000 and A4S	**N/A -**
044778	C		Effective from -80 °C to 40 °C - for storage.	500 m x 115 mm Roll	Velocity 11 PlateLoc	**N/A -**
044779	D		Very good resistance to solvents (DMSO)	Roll of 100 pre-cut foils	ALPS 50V or Sealer 4S3	**N/A -**
016679F	E	Pierce Seal	Pierceable film for PP plates	610 m x 78 mm Roll	ALPS 300, 3000 and A4S	**N/A -**
044768	E		Effective from -20 °C to 120 °C	500 m x 115 mm Roll	Velocity 11 PlateLoc	**N/A -**
016678F	D		Very good resistance to solvents, resealing	100 foils	ALPS 50V or Sealer 4S3	**N/A -**
			on itself possible for PCR and storage			
016272F	E	Foil Seal	For PP or PS plates - Peelable and pierceable	610 m x 78 mm Roll	ALPS 300, 3000 and A4S	**N/A -**
044769	E		Effective from -20 °C to 110 °C	500 m x 115 mm Roll	Velocity 11 PlateLoc	**N/A -**
016278F	D		Good solvent resistance - Resealable on	100 foils	ALPS 50V or Sealer 4S3	**N/A -**
			itself possible for PCR and storage			
044774	F	Thermal Bond	Peelable, very high sealing efficiency	610 m x 78 mm Roll	ALPS 300, 3000 and A4S	**N/A -**
016277F	D		High degree of sample protection	100 foils	ALPS 50V or Sealer 4S3	**N/A -**
			-20 °C to 110 °C - PCR and long-term storage			

Manual Heat Sealer ALPS 30 ABgene®

- **Compact (dimensions: 220 x 250 x 230 mm)**
- **Lightweight (approx. 4 kg)**
- **Fast heating: LED indicating sealing temperature**
- **Ergonomic**
- **Includes: Deepwell plate adapter, 96-well PCR plate adapter and standard microplate adapter**





Cat. No.	Description	€
017230	Heat sealer ALPS30	**N/A -**

Semi-automatic heat sealer ALPS 50V

- **Heat sealer for microplate film**
- **For low to medium flow applications**
- **Compact size**
- **Audible alarm at the end of the sealing process**
- **Temperature and time setting via touch pad**

Welding T° range	125 °C to 200 °C
Operating T°	18 °C to 30 °C
Humidity range	20 to 80 %
Dimensions L x D x H (mm)	220 x 321 x 425
Weight (kg)	7.2
Cat. No.	**446879**
€	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Automated heat sealer ALPS 5000 for plates



- Quick sealing
- Parameterisable for process optimisation
- Compatible with high performance automated applications
- Electric drive reduces the risk of contamination and the noise level compared to a pneumatic drive
- Sealing of plates from 8 to 46 mm high without adapters

Cat. No.	Description	€
262998	Automatic plate sealer ALPS 5000	N/A -

Semi-automatic plate sealer Sealbio-2



Semi-automatic sealer with adjustable time and temperature parameters for reproducible sealing. Suitable for many fields and accepts different types of PCR plates, Deepwell, SBS format plates and storage plates.

- Adjustable temperature: 80 °C - 200 °C (accuracy 1 °C)
- Automatic counting function
- Supplied with plate adapters

Sealing temperature	80 °C - 200 °C
Plate height (mm)	9 to 48
Dimensions (mm) / Weight (kg)	370 x 178 x 330 / 9.6
Compatible plate materials	PP/PS/PE
Type of plate compatible	SBS, DeepWell, PCR
Cat. No.	**531506**
€	**N/A -**

thermoscientific

SuperSealer Matrix heat sealer



- To seal polypropylene blocks and plates with a mat or film
- Speed: 0 to 15 seconds per plate
- Perfect sealing for storage of tubes at -80 °C
- Dimensions: 16.5 x 31.7 x 34.3 cm

Principle: place the block in the drawer of the appliance, put the mat on the block and close the drawer. The device automatically adjusts to the height of the block and applies the appropriate force to the mat.

Cat. No.	Description	€
446123	SuperSealer for flexible mat	N/A -

eppendorf

Eppendorf HeatSealer



999517

999518

- Adapter for 96-well PCR plates included
- Ergonomic design for effortless sealing
- Compact and portable
- Fully watertight

	S100	S200
Temperature	170 °C	125 °C - 200 °C
Sealing time	-	1 to 9 s
Weight (kg)	4	7.2
Dimensions (mm)	220 x 250 x 230	220 x 321 x 425
Power	320 W	350 W
Cat. No.	**999517**	**999518**
€	**N/A -**	**N/A -**

Films for heat sealer ABgene®





Type	Material of sealing plate	Temperature resistance	Features	Applications	For ALPS Roll	For ALPS Cat.No	For ALPS €	For Manual Heat sealer Pack	For Manual Heat sealer Cat.No	For Manual Heat sealer €
Thermo Seal	PP	-80 °C to 120 °C	➤Polypropylene aluminium laminate ➤Very strong film ➤Peelable with tool (016284) ➤Can be pierced by the cone of a pipette or by the piercing plate 016283 ➤Good resistance to DMSO solvents	➤Long-term storage at low T° ➤Extraction - Grinding	370 m	**016552**	**N/A -**	100 Foils	**016277**	**N/A -**
Easy Pierce	PP, PE	-80 °C to 80 °C and up to 120 °C with thermocycler with lid adjustable	➤Aluminium ➤Easily pierced with a pipette cone or peeled off by hand ➤Can be applied on top of an already pierced film (Easy pierce, Easy or Super Pierce Strong) ➤Good resistance to DMSO solvents	➤Long-term storage at low T° ➤HTS	610 m	**016272**	**N/A -**	100 foils	**016278**	**N/A -**
Easy Peel	PP, PE, plates Diamond	- 200 °C to 90 °C and up to 120 °C with thermal cycler with lid adjustable	➤PP aluminium laminate ➤Easily peeled by hand ➤Can only be drilled with a tool ➤Good resistance to solvents and DMSO only at low temperatures	➤Long-term storage at very low T° (-200 °C) ➤Transport ➤PCR with thermal cycler with adjustable lid only	610 m	**016273**	**N/A -**	100 foils	**016279**	**N/A -**
Clear Seal 3730	PP, PS, PE	-80 °C to 80 °C and up to 120 °C With thermocycler With lid adjustable	➤Transparent ➤Easily peeled by hand ➤Drillable ➤Good resistance to solvents	➤For use with the ABI 3730 sequencer	610 m	**016274**	**N/A -**	roll pre-drilled 1000 foils	**016582**	**N/A -**
Clear Seal Diamond	PP, PS, PE, Plates Diamond	-80 °C to 120 °C	➤Transparent ➤Optically clear ➤Can only be drilled with a tool ➤Good resistance to solvents ➤Peelable	➤To seal the PCR plates Thermo-Fast® 384 Diamond ➤PCR and QPCR with thermal cycler with adjustable lid only ➤Detection / fluorescence or colorimetry	370 m	**016462**	**N/A -**	100 foils	**016427**	**N/A -**
Easy Pierce 20 µm	PP, PE	-80 °C to 80 °C and up to 120 °C with thermocycler with lid adjustable	➤Aluminium ➤Very easy to drill ➤Good Solvent resistance DMSO ➤Peelable if applied as 2nd coat	➤Long-term storage and transport ➤High T° application ➤HTS ➤Robotic system and injector: easily pierced without leaving a sticky residue	610 m	**016679**	**N/A -**	100 foils	**016678**	**N/A -**
Clear Seal Strong	PP	-80 °C to 120 °C	➤Transparent, laminated polyester/polypropylene ➤Very strong permanent film ➤Neither peelable nor pierceable ➤Optically clear ➤Good Solvent resistance DMSO	➤Transport ➤Detection method by fluorescence or colorimetry ➤Storage/reading of radioactive or dangerous products ➤PCR and QPCR	610 m	**016276**	**N/A -**	-	-	-

Heat seal foils for microplates



Colour coded for identification.

Thickness	20 µm	38 µm	70 µm	85 µm
Peelability	Easily peelable	Easily peelable	Non pelable on PE	Difficult
Perceivability	Easily pierceable	Easily pierceable	Pierceable	Pierceable
Operating T°	-80 °C to +80 °C	-80 °C to +80 °C	-200 °C to +90 °C	-80 °C to +120 °C
Resistant with DMSO	At Room T° and below	At Room T° and below	AT 4 °C and below	At Room T° and below
Type of plate	PP or PE	PP or PE	PP or PE	PP
Colour code	Green	Blue	Red	Blackr
Cat. No.	**444000**	**444001**	**444002**	**444003**
€. 100 units	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Micro TS Manual Heat Sealer

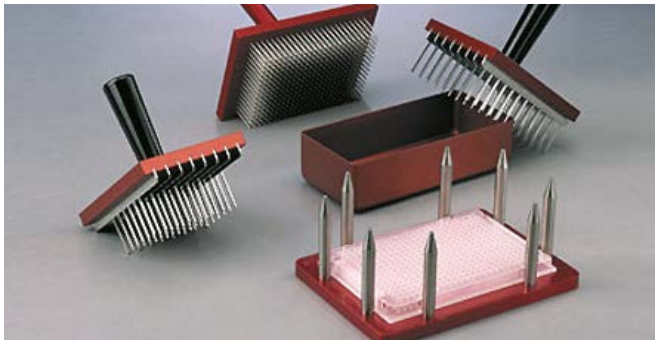


Heat sealer for sealing 96/384 PCR plates and DeepWell plates.
Compatible with a wide range of storage plates and deepwells.

- **Compact, easy to use, reproducible**
- **Heating time ‹ 10 minutes, pre-programmed temperature 170 °C**
- **Supplied without adapter, to be completed**

Cat. No.	Description	€
058102B	Manual Sealer Micro TS Heat Sealer	**N/A -**

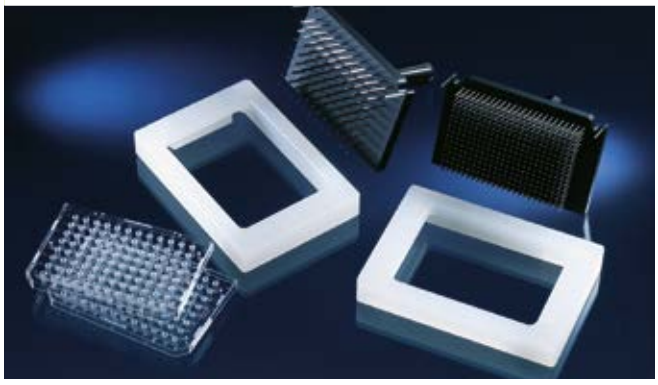
Replicators for microplates



- **Stainless steel tips**
- **Autoclavables, Flame sterilisable**
- **Cost-effective substitute for robotic devices**

Cat.No	L x W x H (mm)	Number pins	Pin length (cm)	Pin size (mm)	Pin design	€
215000	128 x 85 x 123	384	2.2	ø 0.19	Flat, square	**N/A -**
215001	110 x 76 x 110	96	2.54	1.55 x 1.55	Flat, square	**N/A -**
215002	110 x 76 x 110	48	2.54	1.55 x 1.55	Flat, square	**N/A -**

Nunc replication system



For transferring 96 or 384 plates to nylon membrane.
The Nunc replication system allows the transfer or replication of bacterial cultures on membranes from 96 or 384 well plates, thanks to a stainless steel pinned replicator.

Cat. No.	Description	Units/ box	€/ box
055340	96-pin replicator	1	**N/A -**
055341	384-pin replicator	1	**N/A -**
055048	Omnitray Sterile plates	60	**N/A -**

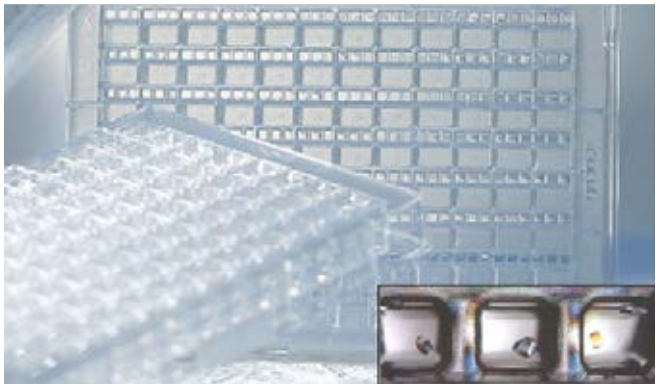
Greiner Bio-One CrystalQuick 96-well plates for crystallography

Polystyrene 96-well plate for protein crystallography. Designed for robotic use in HTS, for the study of recombinant proteins under various parameterised conditions of pH, temperature and vapour pressure.

- **Standard Microplate format**
- **Well Depth: 11 mm**

Cat. No.	Wells	Bottom	Treated	Units/ bag	Units/ box	€/ box
609171	Square low profile	Flat	No	20	80	**N/A -**
609120*	Round	U	No	10	40	**N/A -**
609101*	Square	Flat	No	10	40	**N/A -**
609130*	Square**	Flat	Hydrophobe	10	40	**N/A -**
609180	Square**	Flat	Hydrophobe	20	80	**N/A -**

* 288 (96 x 3) wells ** Suitable for membrane proteins

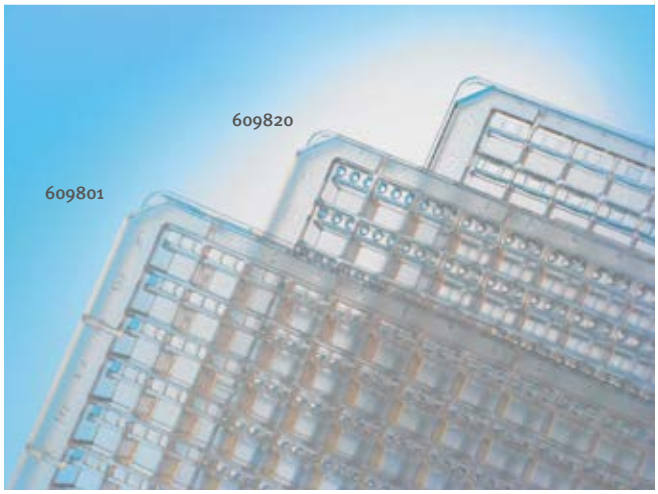


Greiner Bio-One CrystalQuick LBR Plates

- **LBR (Low BiRefringence) crystallisation plates made of polyelofine for polarised and UV light**
- **Suitable for seated drop applications**
- **very low birefringence of polyelifine compared to polystyrene**
- **Possibility of obtaining them with a barcode (consult us)**
- **High transparency, very good chemical resistance, low water absorption**
- **Each well has 3 internal microwells, increasing the plate's capabilities to 288 crystallisation options (except Cat. No. 609871)**
- **With square or round wells**
- **L x W x H (mm): 127.76 x 85.48 x 14.4**
- **3 x 1.9 µl round wells or 3 x 4 µl square wells per tank**
- **Can be used in robotic systems**

Cat. No.	Number wells	Well shape	Bottom	Units/ bag	Units/ box	€/ box
609801	96	Square	Flat	10	40	**N/A -**
609820	96	Round	Round	10	40	**N/A -**
609871*	96	Square	Flat	20	80	**N/A -**

* Low Profile



Greiner Bio-One Terasaki 60 and 72 well Plates

- **Used for microbatch crystallography**
- **Conical well geometry for centrally located crystallization drop**
- **Flat bottom for optimal tracking**
- **The edge of the plates allows the wells to be filled with oil at the same time**
- **Dimensions: 83.3 x 58 x 11 mm**
- **Reduced storage space**
- **Supplied with cap**
- **Treated surface available: consult us**

Cat. No.	Description	Units/ bag	Units/ box	€/ box
653102	Terasaki 60 conical well plate + lid	10	580	**N/A -**
654102	Terasaki 72 conical well plate + lid	10	270	**N/A -**



Greiner Bio-One ComboPlate™ 24-well Crystallization Plates

Crystallization plate for proteins in sitting or hanging drops.

- **SBS standards, compatible with robots**
- **Well Volume: 3 ml**
- **Well diameter 18 mm**

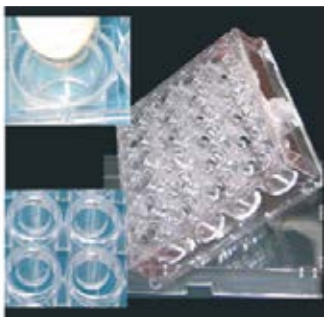
Cat. No.	Description	Units/ bag	Units/ box	€/ box
662150	ComboPlate crystallization plate 24 well with lid	6	24	**N/A -**
662050	ComboPlate crystallization plate pre-greased 24 wells with lid	6	24	**N/A -**
501870	Silanised coverslips ø 18 mm	100	100	**N/A -**
503870	Silanised coverslips ø 22 mm	-	100	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Crystalgen™ 24-well Plates





- For the suspended drop crystallisation technique during the condensation phase
- For use with silicone coated round or square coverslips
- Ultra transparent polystyrene
- Well volume: 3.5 ml
- Plate dimensions: 150 x 108 x 22 mm
- Well dimensions: 17 x 16 mm
- For pre-greased plates, the grease is applied using a patented procedure to the raised flanges of the plates: ensures a better seal of the plates with the coverslips
- With raised flange for a better seal of the coverslips

Cat.No	Wells	Pack. unit	Units/ box	€/ box
051900	24-Well Plate Crystalgen™	1	100	N/A -
051901	24-Well Plate Crystalgen™	1	20	N/A -
051902	24-Well Plate pre-greased Crystalgen™	1	100	N/A -
051903	24-Well Plate pre-greased Crystalgen™	1	20	N/A -

TECAN Tips for automatons

	Tecan Standard	Tecan Pure	Tecan Sterile
Areas of application	ELISA Sample handling Biochemical Screening	Research in Genomics Forensics Molecular Diagnostics	Cell biology Microbiology Cellular screening
Tecan Standard Purity	✓	✓	✓
Human DNA free	-	✓	✓
PCR inhibitor free	-	✓	-
RNase/DNase free	-	✓	✓
Endotoxin and apyrogen free	-	-	✓
Sterile	-	-	✓

- Reliable cone pick-up
- Technical support available
- Tips manufactured under quality control to Tecan specifications
- Colour-coded racks for different volumes, completely integrated with the software for easier visual identification on the workbench
- Increased flow rates, autonomy and flexibility of the system thanks to stackable and SBS formats

Arm Tips iHa

		Standard				Pure				Sterile	
		10 x 10 x 96		18 x 10 x 96		24 x 96		24 x 96		40 x 96	
Volume	Filter	Standard rack				Standard rack		Refill for SBS rack		SBS rack cones + holder	
		Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€
10 µl	No	-	-	-	-	30104803	N/A -	30104973	N/A -	30104975	N/A -
	Yes	-	-	-	-	30104804	N/A -	30104974	N/A -	30104976	N/A -
10 µl nested	No	-	-	-	-	-	-	30104977**	N/A -	-	-
	Yes	-	-	-	-	-	-	30104978**	N/A -	30104979**	N/A -
50 µl	No	-	-	-	-	30032115	N/A -	30057811	N/A -	30057818	N/A -
	Yes	-	-	-	-	30032114	N/A -	30057813	N/A -	30057819	N/A -
200 µl	No	-	-	10612552	N/A -	30000627	N/A -	30057814	N/A -	30057820	N/A -
	Yes	-	-	10612553	N/A -	30000629	N/A -	30057815	N/A -	30057821	N/A -
1000 µl	No	10612554	N/A -	-	-	30000630	N/A -	30057816	N/A -	30057822	N/A -
	Yes	10612555	N/A -	-	-	30000631	N/A -	30057817	N/A -	30057823	N/A -
5000 µl	No	-	-	-	-	30059897*	N/A -	-	-	-	-
	Yes	-	-	-	-	30065423*	N/A -	-	-	-	-

* contains 10 x 24 cones ** 16 x 5 rounds of 96 tips
Empty SBS racks: 30058506 (for 50 µl and 200 µl refills); 30058507 (for 1000 µl refills)

Stackable racked tips for LiHa arms

Stacking of 5 racks of 96 pins, increases the capacity of the automat. Empty racks can be removed and discarded using a RoMa robotic arm or an MCA gripper module.



		Pure		Sterile	
		16 x 5 x 96		16 x 5 x 96	
Volume	Filter	Cat. No.	€	Cat. No.	€
350 µl	No	30083400	N/A -	30083401	N/A -

Allow the pipetting arm to pick up an empty rack and discard it without the need for a gripper module. Easily configurable functions via the Freedom EVOware interface.

Cat. No.	Description	€ 112 units
30083403	Transfer tools for stackable tip racks	N/A -

MCA 96 multi-channel arm tips

Vol.	Filter	Pure 40 x 96 SBS Rack Cat.No	Pure 40 x 96 SBS Rack €	Pure 5 x 8 x 96 SBS Stackable Cat.No	Pure 5 x 8 x 96 SBS Stackable €	Pure 8 x 10 x 96 For Te-Stack Cat.No	Pure 8 x 10 x 96 For Te-Stack €	Sterile 40 x 96 SBS Rack Cat.No	Sterile 40 x 96 SBS Rack €	Sterile 5 x 8 x 96 SBS Stackable Cat.No	Sterile 5 x 8 x 96 SBS Stackable €
50 µl	No	30038606	N/A -	30038609	N/A -	30038610	N/A -	30038607	N/A -	30048822	N/A -
	Yes	-	-	-	-	-	-	30038608	N/A -	-	-
100 µl	No	30038611	N/A -	30038614	N/A -	-	-	30038612	N/A -	30048823	N/A -
	Yes	-	-		-	-	-	30038613	N/A -	-	-
200 µl	No	30038616	N/A -	30038619	N/A -	30038620	N/A -	30038617	N/A -	30048824	N/A -
	Yes	-	-	-	-	-	-	30038618*	N/A -	-	-
200 µl wide opening	No	30050348	N/A -	-	-	-	-	30050349*	N/A -	-	-
500 µl	No	30046341**	N/A -	-	-	-	-	-	-	-	-
	Yes	-	-	-	-	-	-	30046342***	N/A -	-	-

* Max. pipetting volume: 150 µl / **Max. volume for MCA96: 200 µl / *** Max. pipetting volume: 400 µl



SBS Stackable

MCA 384 multi-channel arm tips



Tips for TeMo and Aquarius

Volume	Filter	Pure 50 x 96 Racks not compatible with SBS format Cat. No.	Pure €	Sterile Cat. No.	Sterile €
50 µl	No	10612343	N/A -	-	-
	Yes	-	-	-	-
100 µl	No	10612345	N/A -	10612346	N/A -
	Yes	-	-	10612347	N/A -
200 µl	No	10612340	N/A -	10612341	N/A -
	Yes	-	-	10612342*	N/A -

* Max. pipetting volume: 150 µl

Volume	Filter	Pure 40 x 384 Cat. No.	Pure €	Sterile Cat. No.	Sterile €
15 µl	No	-	-	30051803	N/A -
	Yes	-	-	30051804	N/A -
50 µl	No	-	-	30051806	N/A -
	Yes	-	-	30051807	N/A -
125 µl	Yes	-	-	30051810	N/A -
		50 x 96			
500 µl	No	30046341**	N/A -	-	-
	Yes	-	-	30046342***	N/A -

* Max pipetting volume with filters: 14.5 µl, 40 µl, 110 µl
** The max. volume of 500 µl is only available with the 4 to 1 adapter (EVA - Extended Volume Adapter)
*** Max pipetting volume: 400 µl

Reagent trays for LiHa pipetting arm

Colour	Lid	25 ml Cat. No.	25 ml Units/ box	25 ml €/ box	100 ml Cat. No.	100 ml Units/ box	100 ml €/ box	200 ml Cat. No.	200 ml Units/ box	200 ml €/ box
Grey	No	30055743*	120	N/A -	10613049	108	N/A -	-	-	-
Transparent	No	-	-	-	10613048	108	N/A -	10760646	32	N/A -
	Yes	10520629	100	N/A -	-	-	-	-	-	-

*Low dead volume
Lids only: 10612548 (8 holes, black, for 25 and 100 ml containers); 10613102 (solid, transparent, for 25 ml containers)

Reagent trays for multichannel arm

Colour	System	125 ml Cat. No.	125 ml Units/ box	125 ml €/ box	200 ml Cat. No.	200 ml Units/ box	200 ml €/ box	250 ml Cat. No.	250 ml Units/ box	250 ml €/ box
Transparent	96-channel	10619196	50	N/A -	-	-	-	10619191	50	N/A -
	384-channel	-	-	-	10619686	50	N/A -	-	-	-

*Low dead volume
Lids only: 10612548 (8 holes, black, for 25 and 100 ml containers); 10613102 (solid, transparent, for 25 ml containers)

Disposable reagent containers for all TECAN arms (LiHa, MCA 96, MCA 384, and FCA)

Cat. No.	Description	Units/ box	€/ box
30077312	SBS disposable reservoir 300 ml flat bottom	40	N/A -
30077313	Disposable SBS reservoir 300 ml conical bottom	40	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hamilton CO-RE Tips for STARLINE and NIMBUS robots



NTR 20 x 96 tips



Blister 5 x 96 tips

- Polypropylene tips with or without filter
- Polyethylene filter
- Black conductive tips, transparent non-conductive tips (except 235965)
- Certified "tested organic purity"
- CO-RE (Compressed O-Ring Expansion) technology: each tip has an internal O-Ring groove
- Packaging:
  - in blister packs (5 trays of 24 or 96 tips packed in blister packs)
  - NTR Pack: Nested Tip Rack 20 x 96 (or 20 x 384): 5 rows of 4 racks stacked on a disposable frame
  - 1T Tray: individual 4-point chargers
- Traceability:
  - barcode (code 128 subset B or C) on each sub-package (of 4, 24, 96 or 384)
  - unique identification number, batch number, product number, date of manufacture and tip volume 5 colours of matching barcodes

Certified
Biological purity tested
DNase-/RNase-free non-pyrogenic

DNase RNase

Pyro-genic

PCR-inhibitor

Head tips CO-RE 96

Volume (µl)	Length (mm)	Ø Int. (mm)	Colour	Packaging	Tips/ box	Sterile with filter		Non sterile with filter		Sterile without filter		Non sterile without filter	
						Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€
0.5 - 10	29.9	0.3	Black	12 blisters (5 x 96)	5760	235936	N/A -	235901	N/A -	235935	N/A -	235900	N/A -
				6 packs NTR(20 x 96)	11520	-	-	-	-	-	-	235949	N/A -
0.5 - 50	50.4	0.4	Black	12 blisters (5 x 96)	5760	235979	N/A -	235948	N/A -	235978	N/A -	235966	N/A -
				6 packs NTR(20 x 96)	11520	-	-	-	-	235987	N/A -	235947	N/A -
10 - 300	59.9	0.4	Black	12 blisters (5 x 96)	5760	235938	N/A -	235903	N/A -	235937	N/A -	235902	N/A -
				6 packs NTR(20 x 96)	11520	-	-	-	-	235985	N/A -	235950	N/A -
						-	-	-	-	-	-	235965*	N/A -
10 - 300	95 (thin)	0.4	Black	8 blisters (5 x 96)	3840	235646	N/A -	235647	N/A -	235648	N/A -	235806	N/A -
10 - 1000	95.1	0.7	Black	8 blisters (5 x 96)	3840	235940	N/A -	235905	N/A -	235939	N/A -	235904	N/A -

* The tip D235965 (10 - 300 µl, natural colour) is conductive

Special "wide bore tips" for CO-RE 96 head



235452 y 235688



235541 y 235444

Volume (µl)	Length (mm)	Ø Int. (mm)	Colour	Packaging	Tips/ box	Sterile with filter		Non-sterile with filter		Sterile without filter		Non sterile without filter	
						Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€
10 - 300	52.2	0.71	Black	12 blisters (5 x 96)	5760	-	-	235452	N/A -	-	-	235688	N/A -
10 - 300	51.6	1.55	Black	12 blisters (5 x 96)	5760	-	-	235449	N/A -	-	-	235451	N/A -
10 - 1000	91.8	1.2	Black	8 blisters (5 x 96)	3840	235677	N/A -	235678	N/A -	-	-	235679	N/A -
10 - 1000	80.1	3.2	Black	8 blisters (5 x 96)	3840	-	-	235541	N/A -	-	-	235444	N/A -

Special piercing tips for CO-RE 96 head



Piercing tip

Volume (µl)	Length (mm)	Ø Int. (mm)	Colour	Packaging	Tips / box	Sterile with filter		Non sterile with filter		Sterile without filter		Non sterile without filter	
						Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€
2 - 150	65.0	0.4	Black	8 blisters (5 x 96)	5760	235649	N/A -	235658	N/A -	-	-	-	-
2 - 250						-	-	-	-	235659	N/A -	235805	N/A -

Head tips CO-RE 384

Volume (µl)	Length (mm)	Ø Int. (mm)	Colour	Packaging	Tips per box	Sterile without filter		Non sterile without filter	
						Cat.No	€	Cat.No	€
0.5 - 50	39.5	0.4	Black	1 NTR (20 x 384)	7680	235694	N/A -	235989	N/A -
				1 NTR (20 x 96)	1920	235695	N/A -	235993	N/A -
			Natural	1 NTR (20 x 384)	7680	-	-	235446	N/A -
				1 NTR (20 x 96)	1920	-	-	235447	N/A -

Special 4-in-1 "Rocket Tips" for CO-RE 384 head

Sold in trays of 96, but each tip containing 4 compartments.
Designed for 384 channel heads.

235974



Volume (µl)	Length (mm)	Ø Internal (mm)	Colour	Packaging	Tips/ box	Non sterile without filter	
						Cat.No	€
2 - 300 µl	70.1	0.9	Black	10 Blister (5 x 96)	4800	**235974**	**N/A -**

CO-RE Extra large tips 4 and 5 ml



Volume (µl)	Length (mm)	Ø Int. (mm)	Colour	Packaging	Tips/ box	Sterile with filter		Non sterile with filter		Sterile without filter		Non sterile without filter	
						Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€
5 - 4000	118	1.05	Black	6 blisters (5 x 24)	720	**184023**	**N/A -**	**184021**	**N/A -**	-	-	-	-
5 - 5000						-	-	-	-	**184022**	**N/A -**	**184020**	**N/A -**
5 - 4000	118	1.05	Black	24 Tray 1T (24 x 4)	96	-	-	**194053**	**N/A -**	-	-	-	-
5 - 5000						-	-	-	-	-	-	**194050**	**N/A -**

Other robotic tips,
see our website www.dulis.nl



Hamilton®AutoLys Tubes

HAMILTON

- **Storage tubes designed to automate lysis steps for forensic, genomic, clinical or food analysis**
- **2 in 1: a filter tube into which the sample is placed, and a second tube (barcoded) into which the DNA is collected**
- **Lysis and separation of secure samples in one tube**
- **Traceability: 2D barcode on each tube**
- **Screw cap, with lift-lock closure**
- **Compatible with the Hamilton Microlab AutoLys STAR robot**
- **Time saving**
- **Minimised evaporation**
- **Centrifugal**



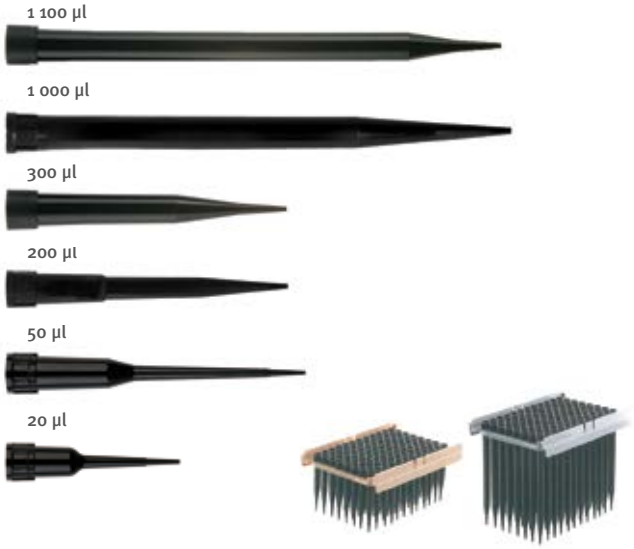


Cat. No.	Description	Cap colour	Units/ box	€/ box
235542	AutoLys A tube for automated processes	Orange	10 bags of 25	**N/A -**
235478	AutoLys A tube for automated processes	Orange	5 bags of 100	**N/A -**

Robotic tips for Tecan® and Qiagen®

Fine tips made of natural clear polypropylene or black conductive graphite specifically for Tecan® et Qiagen®robots

- **In bulk or on a rack with a tray that can be loaded directly onto the machine**
- **Very high quality, precision and reproducibility**

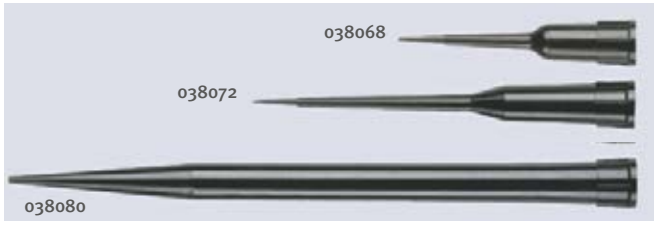


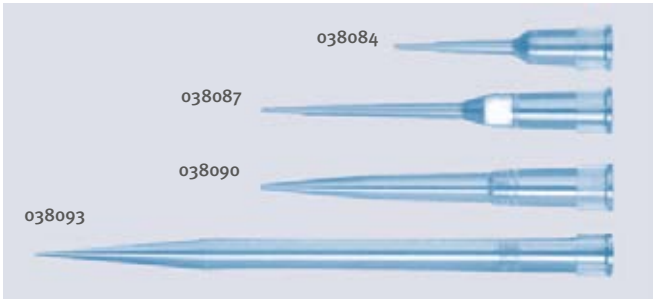
Colour	Volume	Pack.	Bulk	€ per sachet	On 96 rack	€ the 5 x 2 racks
			For TECAN			
Black graphite	20 µl	960	-	-	**071300**	**N/A -**
Natural PP	50 µl	960	-	-	**071310**	**N/A -**
Black graphite	50 µl	960	-	-	**071306**	**N/A -**
Natural PP	200 µl	960	-	-	**071324**	**N/A -**
Black graphite	200 µl	960	-	-	**071314**	**N/A -**
Black graphite	1 000 µl	960	-	-	**071317**	**N/A -**
			For QIAGEN			
Black graphite	300 µl	960	**071321**	**N/A -**	**071320**	**N/A -**
Black graphite	1 100 µl	960	**071323**	**N/A -**	**071322**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Tips for Tecan®

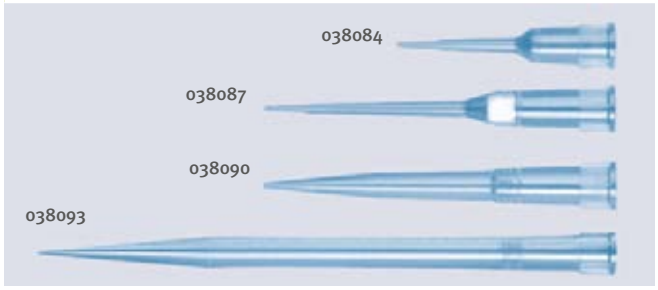
Clear natural polypropylene or black graphite conductive tips for Tecan® robots, models Genesis, Freedom Evo, MiniPrep, Carvro. In 96-tip rack.



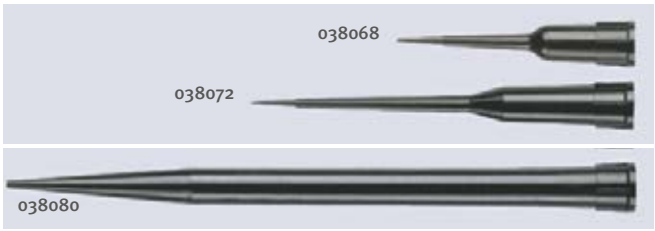


	PP Clear tips			Black conductive graphite tips				Genomic black graphite tips (large hole)		
Volume	**Non-sterile**	**Sterile**	**Sterile with filter**	**Non-sterile**	**Non-sterile**	**Sterile**	**Sterile with filter**	**Non-sterile**	**Sterile**	**Sterile with filter**
20 µl	**038085**	**038084**	**038086**	**038069**	**038070**	**038068**	**038071**	-	-	-
50 µl	**038088**	**038087**	**038089**	**038073**	**038074**	**038072**	**038075**	-	-	-
200 µl	**038091**	**038090**	**038092**	**038077**	**038078**	**038076**	**038079**	**038299**	**038300**	**038200**
1000 µl	**038094**	**038093**	**038095**	**038081**	**038082**	**038080**	**038083**	**038202**	**038201**	**038203**
Packaging unit	10 x 96	10 x 96	10 x 96	10 x 96	50 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Tips for Perkin Elmer/Packard® Multiprobe II HT and Multiprobe II HT EX



Clear natural polypropylene tips or black graphite conductive tips. In 96-tip rack.



	PP Clear tips			Black conductive graphite tips			
Volume	**Non-sterile**	**Sterile**	**Sterile with filter**	**Non-sterile**	**Non-sterile**	**Sterile**	**Sterile with filter**
20 µl	**038085**	**038084**	**038086**	**038069**	**038070**	**038068**	**038071**
50 µl	**038088**	**038087**	**038089**	**038073**	**038074**	**038072**	**038075**
200 µl	**038091**	**038090**	**038092**	**038077**	**038078**	**038076**	**038079**
1000 µl	**038094**	**038093**	**038095**	**038081**	**038082**	**038080**	**038083**
Packaging unit	10 x 96	10 x 96	10 x 96	10 x 96	50 x 96	10 x 96	10 x 96
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

What is the advantage of black conductive graphite tips?

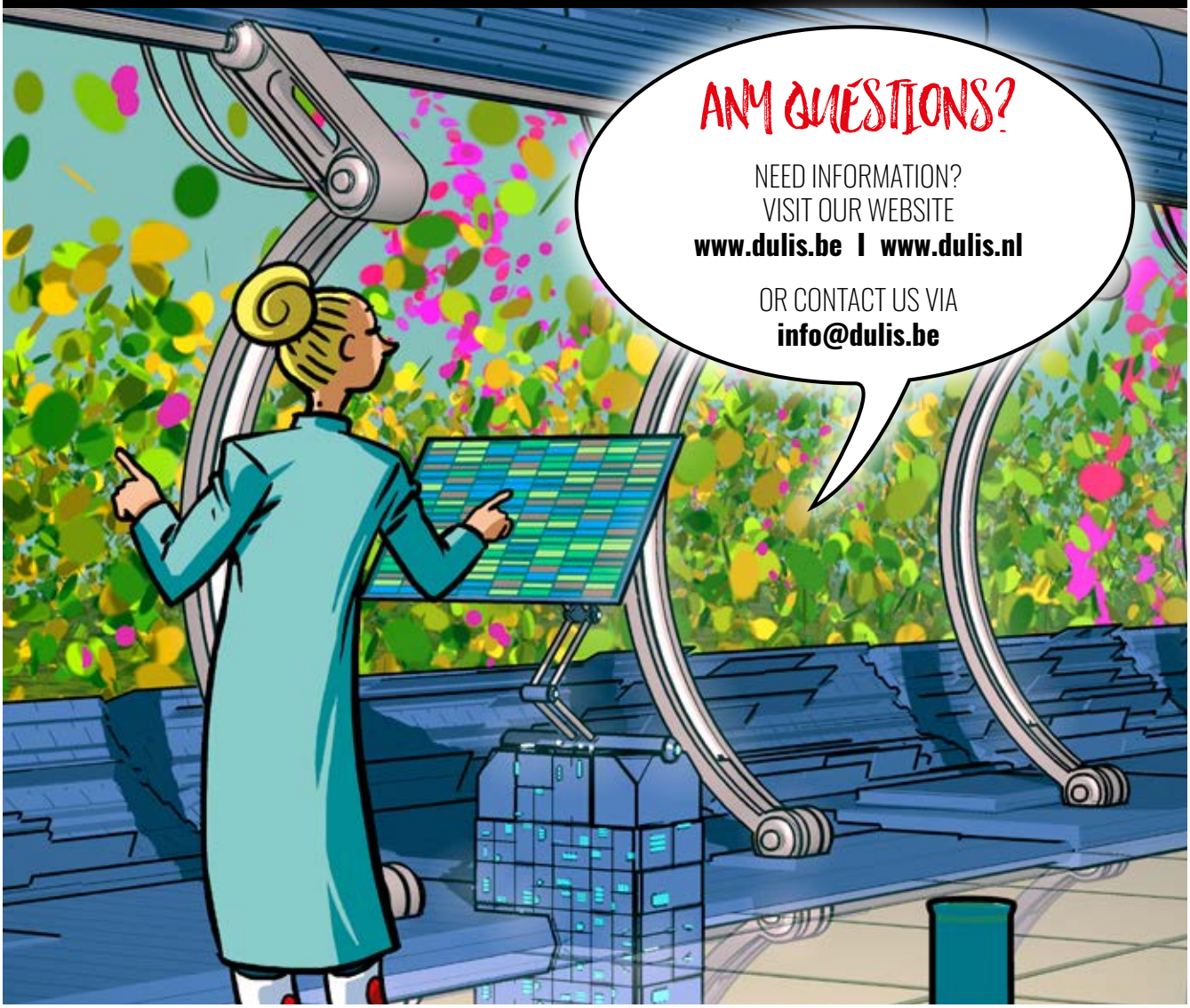
**The black tips are made of special resin impregnated with carbon.
They are sensitive to liquid. The robotic station receives a signal as soon as the tip is in contact with a liquid: it can start suctioning.**

Tips for Zymark®automate



Made of clear polypropylene, specially designed for the Zymark® Rapid Plate 96 and 96/384 robotic systems

Cat.No	Volume (µl)	Type	Units/ box	€/ box
077253	100	Tips, in bulk	1000	**N/A -**
077001	100	Tips, in 96-tip racks	10 x 96	**N/A -**
077002	100	Sterile tips on 96-tip racks	10 x 96	**N/A -**
077003	200	Tips, in bulk	1000	**N/A -**
077004	200	Tips, in 96-tip racks	10 x 96	**N/A -**
077005	200	Sterile tips on 96-tip racks	10 x 96	**N/A -**
077006	80	Filter Sterile tips on 96-tip racks	10 x 96	**N/A -**
077007	150	Filter Sterile tips on 96-tip racks	10 x 96	**N/A -**



CUSTOMER SERVICE & PURCHASING



Véronique VAN DEN BOSSCHE,
Customer Care Coordinator.

SERVICE, RESPONSIVENESS AND AVAILABILITY
ARE PART OF OUR DAILY PRIORITIES.

TO **FOLLOW UP YOUR ORDERS, PRODUCTS AVAILABILITY, DEADLINES**, please contact your advisor by email:
orders@dulis.be

Véronique VAN DEN BOSSCHE is ready to help you with all your questions: **quotation requests, offers & prices.**

Do not hesitate to contact her at **+32 81 94 66 00**
or by email **veronique.vandenbossche@dulis.be**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Attention No cryotube is intended to be immersed directly in the liquid phase of liquid nitrogen, but only for storage in the gas phase of nitrogen.
If liquid nitrogen were to enter the tube, there would be a risk of explosion due to the pressure generated by the passage of nitrogen from the liquid phase to the gas phase during the removal and/or thawing of the tubes.

ClearLine®1D barcode cryotubes



ClearLine®Quality

- ›› Made of medical grade virgin polypropylene
- ›› Can be used down to - 196 °C
- ›› ATP-free
- ›› USP Class VI (non-cytotoxic and non-haemolytic)
- ›› Sterilised by Beta rays, SAL 10^{-6}

Pyro-genic · PCR-inhibitor · Human DNA · DNase RNase · Endo-toxins · CE · IVD

- ➤ **Bi-injected screw, plastic and silicone: no risk of leakage and contamination - excellent grip for screwing and unscrewing the cryotube**
- ➤ **Star cap design on the top, for use with automatic cappers/decappers**
- ➤ **Printed graduations, with writing area**
- ➤ **Supplied with a pre-printed random barcode**
- ➤ **Bottom to lock into polycarbonate racks (skirted bottom tubes only)**
- ➤ **Autoclavable (open) with steam at 121 °C for 20 minutes.**

Cryotubes with external thread and caps



390700 390701 390702 390703 390704 390705

Volume (ml)	Skirt	Cryotubes with natural cap	€ 50 units
1	Yes	390700	N/A -
2	Yes	390701	N/A -
2	No	390702	N/A -
3	Yes	390703	N/A -
4	Yes	390704	N/A -
5	Yes	390705	N/A -

Cryotubes with internal thread and caps



390706 390708 390707 390710 390709 390712 390711

Volume (ml)	Skirt	Cryotubes with natural cap	€ 50 units
1	Yes	390706	N/A -
2	Yes	390708	N/A -
2	No	390707	N/A -
4	Yes	390710	N/A -
4	No	390709	N/A -
5	Yes	390712	N/A -
5	No	390711	N/A -

Attention: *ClearLine® cryotubes are not intended to be immersed in the liquid phase of liquid nitrogen, but to be stored in its gas phase. There is a risk of the cryotube exploding if liquid nitrogen enters the tube during immersion.*

Coloured inserts for cap

Blue	White	Yellow	Violet	Red	Green	€ 100 units	Assorted	€ 6 x 100
390741A	390742A	390743A	390789A	390745A	390746A	N/A -	390802A	N/A -

Vial pickers

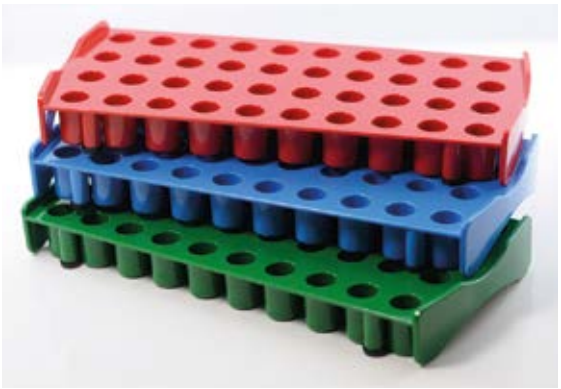
Facilitates the removal of cryotubes from their boxes.





Cat.No	Description	Units/ box	€/ box
390784	Vial picker for cryotubes	100	N/A -
390784A	Vial picker for cryotubes	10	N/A -

Polycarbonate racks for 40 cryotubes



- ➤ **Autoclavable**
- ➤ **L x W x H: 215 x 100 x 25 mm**
- ➤ **Bottom allowing the tube to be locked in the rack**

Blue	Red	Green	€
390494	390495	390496	N/A -

CryoGen® Storage Box with Barcode

ClearLine®.Polycarbonate boxes for cryotubes storage

- **Polycarbonate box, grid and lid**
- **Transparent cover, with digital marking of each slot**
- **Available for all ClearLine®cryotube volumes, in:**
  - to accomodate 25 and 81 tubes: coloured grid, white bottom
  - to accomodate 100 tubes: white bottom with pins
- **Can be used from - 196 °C to + 121 °C , autoclavables 20 min**
- **Do not store in the liquid phase of liquid nitrogen**
- **Laser engraved barcodes**



Cryogen Box 2D bottom: 2D barcode and openings*



	For	25 cryotubes 1-2 ml	81 cryotubes 1-2 ml	81 cryotubes 3-4-5 ml	100 cryotubes 2D - 2 ml	100 cryotubes 2D - 5 ml
	Dimensions (mm)	76 x 76 x 52	132 x 132 x 52	132 x 132 x 94	132 x 132 x 52	132 x 132 x 94
Cryogen® Box 2D: **Standard barcode + 2D Datamatrix code** ➤Standard barcode (code 128) ➤Corresponding 2D Datamatrix code on the bottom of the box ➤**Openings (see attached photo)*** in the bottom of the box ➤Locking the (skirted) tubes in the bottom of the box ➤Designed for use with 2D Scanners	White bottom/ blue grid	-	390717	390721*	-	-
	White bottom/ yellow grid	-	390718	390722*	-	-
	White bottom/ red grid	-	390719	390723*	-	-
	White bottom/ green grid	-	390720	390724*	-	-
	White bottom with pins	-	-	-	390820**	390821**
	€	-	N/A -	N/A -	N/A -	N/A -
Cryogen® Box 1D: **Standard Barcode** ➤Standard barcode (code 128) on the edge ➤**Pinned bottom, without grid, on 100 places boxes** ➤Recommended for use witha Kit 4Banking® ➤(With standard barcode cryotubes)	White bottom/ blue grid	390804	390808	390812*	-	-
	White bottom/ yellow grid	390805	390809	390813*	-	-
	White bottom/ red grid	390806	390810	390814*	-	-
	White bottom/ green grid	390807	390811	390815*	-	-
	White bottom with pins	-	-	-	390816**	-
	€	N/A -	N/A -	N/A -	N/A -	-

* The CryoGen® Box for 81 tubes 3 to 5 ml is not compatible with 4 ml cryotubes with internal screw cap.
** With internal screw cap only.

ClearLine®2D barcode cryotubes

ClearLine®Quality

›› Made of medical grade virgin polypropylene
›› Can be used down to - 196 °C
›› ATP-free
›› USP Class VI (non-cytotoxic and non-haemolytic)
›› Sterilised by Beta rays, SAL 10^{-6}

DNase RNase · Endo-toxins · PCR-inhibitor · Pyro-genic · Human DNA

CE IVD

➤**Graduated with inscription surface**



➤**Autoclavable in steam at 121 °C for 20 minutes.**



➤**2D Datamatrix barcode on the bottom of the tube, matching the printed barcode**



➤**Pre-printed barcode on every tube (Code 128)**
➤**Readable both ways, by all scanner brands**



➤**Can be used with capper/decapper.**
➤**New bi-injected screw cap (polyethylene and silicone)**
➤**Can be screwed and unscrewed with one hand**

➤**The bottom of the tubes can be twist-locked into the base of CryoGen® Box 2D and in the polycarbonate racks**



	External screw		Internal screw	
Volume (ml)	2	5	2	5
H x ø (mm)	45.6 x 12.6	87.6 x 12.6	48.2 x 12.6	90.3 x 12.6
Cat. No.	**390713**	**390714**	**390715**	**390716**
€/ 50 units	**N/A -**	**N/A -**	**N/A -**	**N/A -**

STORAGE SCREENING

All prices are indicative and exclude VAT. Visit www.dulis.nl

Cryotubes 2D Next-Gen - FluidX

PCR-inhibitor · Pyro-genic · Human DNA · DNase RNase · Endo-toxins



- 3 barcode options:
  - 2D barcode on the bottom of the tube
  - 1D linear barcode on the side of the tube
  - Alphanumeric marking on the side of the tube (for tubes with 3 barcodes) or on the bottom of the tube (for tubes with 2 barcodes)
- Unique barcodes
- Co-moulded jacket tube
- Operating temperature: -196 °C to +121 °C
- External thread: compatible with automats, more secure, larger working volume, avoids overtightening, double thread
- Made of high quality virgin polypropylene, without release agents
- Manufactured in an ISO class 8 cleanroom
- Rack Version:
  - Locking system that prevents the tube from turning in the rack when closing and opening the cap
  - Locking latch on the side of the rack
  - 2D barcode on the bottom of the rack and 1D on the side

			In Bulk without cap			In Bulk with cap			In a rack without cap			In a rack with cap		
Vol. (ml)	Ø x H. with cap (height without cap) (mm)	Bar code	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
0.5	8.7 x 29.8 (26.4)	2D; Alphanumeric	830354	960	N/A -	830351	960	N/A -	830350	10 racks of 96 tubes	N/A -	830353	10 racks of 96 tubes	N/A -
		2D; Alphanumeric; 1D	783729	960	N/A -	783730	960	N/A -	783928	10 racks of 96 tubes	N/A -	783929	10 racks of 96 tubes	N/A -
0.9	8.7 x 45.7 (42.3)	2D; Alphanumeric	830355	960	N/A -	830344	960	N/A -	830356	10 racks of 96 tubes	N/A -	830334	10 racks of 96 tubes	N/A -
1	8.7 x 49.6 (46.2)	2D; Alphanumeric; 1D	783701	960	N/A -	783702	960	N/A -	783703	10 racks of 96 tubes	N/A -	783704	10 racks of 96 tubes	N/A -
1.9	12.8 x 43.9 (38.2)	2D; Alphanumeric; 1D	783720	960	N/A -	783721	960	N/A -	783722	10 racks of 48 tubes	N/A -	783723	10 racks of 48 tubes	N/A -

For other volumes and versions with internal thread, please contact us.



Manual picker

- Allows for one-handed tube removal
- Minimises the risk of cross-contamination and temperature fluctuations of samples
- Flexible hooks to suit all types of tubes
- Dimensions L x Ø (mm): 165 x 17
- Weight (g): 23

Cat. No.	Description	€
783766	Picker XTP-1 96	N/A -



Cap for 0.5 ml, 0.9 ml and 1 ml tubes

- External screw caps
- Made of high quality Virgin polypropylene
- High chemical resistance
- Operating temperature: -196 °C to +121 °C
- Available in SBS rack format for use with capper/decapper
- Autoclavable

White	Red	Yellow	Blue	Light blue	Orange*	Green	Amber	Violet	Natural	Black	Units/ box	€/ box
783709	783710	783711	783712	783713	783714	783715	783716	783717	783718	783719	960	N/A -

* By default, the orange cap is provided.



Caps for 1.9 ml tubes

Orange	Red	Blue	Green	Yellow	Units/ box	€/ box
783808	783809	783810	783811	783812	480	N/A -

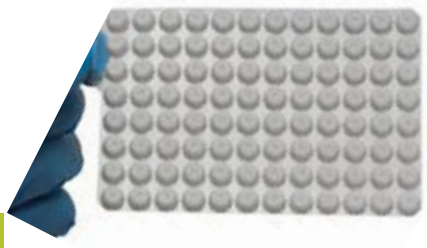
Caps on rack for tubes 0.5 ml, 0.9 ml and 1 ml

Cat. No.	Description	Units/ box	€/ box
783762	Rack of 96 external screw caps, orange	10	N/A -
783763	Rack of 96 external screw caps, orange	50	N/A -
783764	Empty rack for 96 screw caps	50	N/A -



Empty racks

Cat.No	For tube volume of	Units/ box	€/ box
783738	0.5 ml	10	N/A -
783759	0.9 ml	10	N/A -
783700	1 ml	10	N/A -
783820	1.9 ml	10	N/A -



Septum caps

- In TPE
- Drillable
- Operating temperature: -80 °C to +110 °C
- Ideal for storage at -20 °C
- For 0.5 ml, 0.9 ml and 1 ml tubes

Cat. No.	Units/ box	€/ box
783788	50 x 96-cap mat	N/A -

FluidX 2D Cryotubes for tissue samples storage

- Made of high quality Virgin polypropylene
- Flat bottom
- Wide mouth ideal for use with pliers
- For samples up to 9.5 mm
- External screw
- Operating temperature: -196 °C to +121 °C
- 3 Barcodes:
  - 2D barcode on the side and bottom of the tube
  - Alphanumeric marking on the side of the tube





		In Bulk without cap			In Bulk with cap			In a rack with cap		
Vol. (ml)	Ø x H. without cap (mm)	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
2.2	17 x 32.1 (25.9)	783942	240	N/A -	783947	240	N/A -	783948	240	N/A -

Screw cap

Natural	Orange	Units/ box	€/ box
783886	783759	240	N/A -

Empty racks

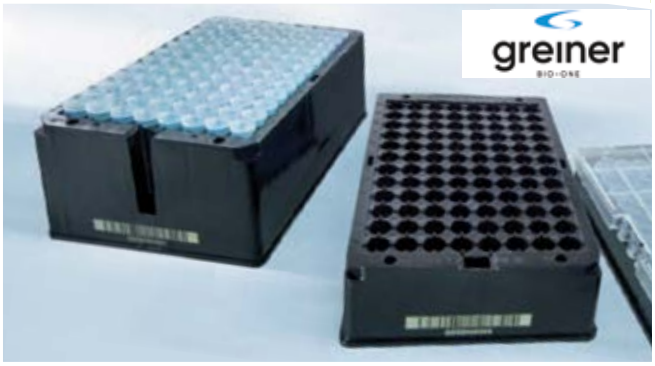
Cat. No.	Description	Units/ box	€/ box
783946	Empty rack for 24 tubes	10	N/A -

Greiner Bio-One Greiner Cryo.S Biobanking tubes

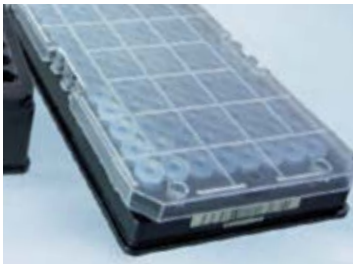
Solution to reduce storage space and cost.

- 300 µl to 1 ml tubes on SBS format lid rack
- 2D barcode under the tube
- Linear and 2D barcodes on the rack

Pyro-genic · DNase RNase · Human DNA · Cyto-toxin · CE IVD







	Non sterile without cap		Non-sterile with cap		Sterile with cap	
Vol. (µl)	Cat. No.	€ the 10 x 96	Cat. No.	€ the 10 x 96	Cat. No.	€ the 10 x 96
300	976570	N/A -	976580	N/A -	976561	N/A -
600	977570	N/A -	977580	N/A -	977561	N/A -
1000	978570	N/A -	978580	N/A -	978561	N/A -

Accessory

Cat. No.	Description	€ 10 units
385270	Cap holder with 96 screw caps	N/A -



TIP Units with a wide range of coloured caps: consult us
Capper/decapper.
consult us

All prices are indicative and exclude VAT. Visit www.dulis.nl

Greiner Bio-One Cryotubes Cryo.s™ Datamatrix



Cryotubes incorporating a Datamatrix barcode, a two-dimensional matrix code, at its base.

- Datamatrix ECC200 code with Reed-Solomon error correction algorithm
- Sterile 10-6 SAL (according to ISO11137), CE IVD
- Medical grade polypropylene without leachable compounds and USP Class VI certified
- 2D barcode (predefined) under the tube and type 128 barcode on the side of the tube
- 2DC Version: automatable external screw cap compatible with all liquid pipetting machines and de-/re-capping systems

Cat. No.	Volume (ml)	Screw	Silicone seal	Units/ box	€/ box
123263-2DG	1	Internal	With	500	N/A -
122263-2DG	2	Internal	With	500	N/A -
126263-2DG	2	External	Without	500	N/A -
127263-2DG	4	External	Without	300	N/A -
126263-2DC	2	External	Without	500	N/A -
127263-2DC	4	External	Without	300	N/A -

Accessory

- Rack for 48 caps: intermediate storage of screw caps (after decapping, during tube filling)
- Compatible with Hamilton Storage Technologies LabElite Bottle Opener

Cat. No.	Description	Units/ box	€/ box
803507	Rack for 48 screw caps	8	N/A -

Datamatrix Cryo Rack

- Made of polypropylene
- Temperature resistant from - 196 °C to + 30 °C
- Capacity of 48 tubes
- Format compatible for automation or SBS format or microplate
- Dimensions: 127.76 x 85.48 mm

Cat.No	Description	Height (mm)	Units/ box	€/ box
803277	Rack without lid	30	20	N/A -
803202	Rack for 1 and 2 ml tubes with low lid	52.5	20	N/A -
803270	Rack for 4 ml tube with high lid	88.5	15	N/A -

Corning® Cryotubes with barcode



- Bar code 1D/2D
- Caps compatible with capper/decapper.
- Lockable base: prevents rotation of the tube in the rack (431724 and 431725)
- Volume 2 ml
- Autoclavable tubes and caps

Cat. No.	Bar code	Thread	Units/ bag	Units/ box	€/ box
431721	1D/2D	Internal	50	500	N/A -
431722	1D/2D	External	50	500	N/A -
431723	1D	Internal	50	500	N/A -
431726	1D	External	50	500	N/A -

Eppendorf tricode cryotubes





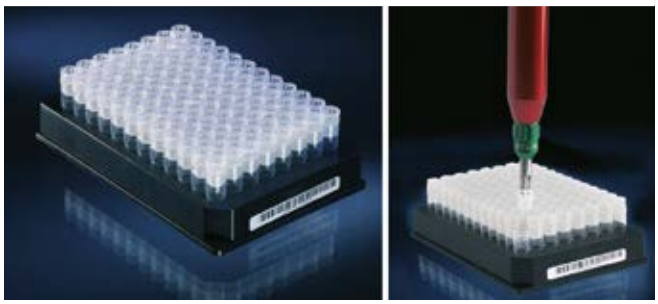
- Fast and secure sample identification
- 3 Barcodes:
  - Human readable barcode
  - 1D barcode
  - 2D Datamatrix barcode
- High quality virgin polypropylene tubes, manufactured in a class VIII clean room for maximum sample purity
- Rack tubes with twist lock bottom for one-handed opening and closing of tubes
- Rack with locking system for secure closure
- Operating temperature:
  -196 °C (gas phase of liquid nitrogen) to +121 °C

Cat. No.	Volume (ml)	Sterile	Units/ box	€/ box
934465	0.5	No	10 boxes of 96	N/A -
934470	0.5	Yes	10 boxes of 96	N/A -
934466	1	No	10 boxes of 96	N/A -
934471	1	Yes	10 boxes of 96	N/A -
934467	1.5	No	10 boxes of 48	N/A -
934472	1.5	Yes	10 boxes of 48	N/A -
934468	2	No	10 boxes of 48	N/A -
934473	2	Yes	10 boxes of 48	N/A -
934469	4	No	10 boxes of 48	N/A -
934474	4	Yes	10 boxes of 48	N/A -

Nunc CryoBank™ and Bank-It™ Storage tubes

For automated storage of samples. Volume 0.5 ml or 1 ml

- **CryoBank™ for cells and proteins**
- **Bank-It™ for DNA**
- **Optimised storage: microplate format, storage in a cryobox**
- **96 microtubes in 8 by 12 format on microplate, or in bulk**
- **The tubes are clicked into the rack: easy opening and closing**
- **Low binding surface for improved retrieval of low concentration samples**
- **100% leak-proof double click cap**
- **2D barcode, 14 x 14**



	2D Barcode	CryoBank 0.5 ml Tube	CryoBank 1 ml Tube	Bank-It 0.5 m Tubel	Bank-It 1 ml Tube
Tubes on rack	No	**056282**	-	-	-
€/ the 2 x 96		**N/A -**	-	-	-
Tubes on rack	Yes	-	**056285**	-	-
€/ the 2 x 96		-	**N/A -**	-	-
Tubes on rack	Yes	**056289**	**056293**	**056291**	**056295**
€/ the 10 x 96		**N/A -**	**N/A -**	**N/A -**	**N/A -**
Tubes Sl in bulk	No	**056297**	**056298**	-	-
€/ the 10 x 96		**N/A -**	**N/A -**	-	-

Accessories

Cat. No.	Description	Units/ box	€/ box
056364	Freezing shelf (H=74 cm) for 19 boxes of 0.5 ml tubes + 13 boxes of 1 ml tubes	1	**N/A -**
056365	Single caps for Bank-It cryotubes	960	**N/A -**
056540	Green caps for Bank-It cryotubes	960	**N/A -**
056541	Red caps for Bank-It cryotubes	960	**N/A -**
056542	Blue caps for Bank-It cryotubes	960	**N/A -**
056299	Electric screwdriver	1	**N/A -**
056300	Manual screwdriver	1	**N/A -**

Nunc Cryobank 2 and 5 ml Cryotubes

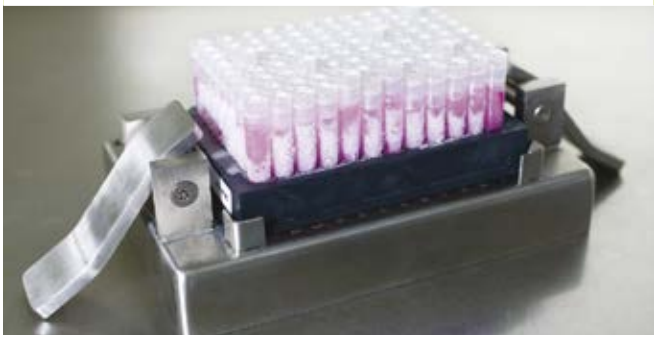
- **2 or 5 ml screw cap tubes on sterile rack of 48 tubes or in bulk, with or without 2D code**
- **Rack format to SBS standard**
- **Self-standing tubes, self-locking in the rack**
- **Same dimensions as conventional cryotubes**
- **Translucent**

Tot. Vol. µl/wells	2 ml	5 ml	2 ml	5 ml
2D Code	With	With	Without	Without
On rack	**056733**	**056732B**	**056735**	**056734**
Units/box	48 x 10	48 x 10	48 x 10	48 x 10
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Bulk	**056775**	**056779**	**056777**	**056778**
Units/box	960	528	960	528
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**
On lockable rack	**056797**	**056796**	-	-
Units/box	48 x 10	48 x 10	-	-
€/box	**N/A -**	**N/A -**	-	-



Cat. No.	Description	€ 10 units
056792	Rack for 2 ml Cryobank tubes	**N/A -**
056793	Rack for 5 ml Cryobank tubes	**N/A -**

Nunc "Press out tool"



Tool for rapid retrieval of Bank-It and CryoBank cryotubes Allows you to select the tubes to be removed from a complete rack.
Use:
- place the metal pegs on the selected position on the tool;
- insert the rack with the tubes on the tool (the orientation is controlled by the cut-off edge of the rack);
- with both handles, press the rack, the selected tubes are removed from the rack. Put the rack back in the cold. The operation took only a few seconds and the samples do not have time to thaw.

Cat. No.	Description	€
056330	Nunc "Press out tool"	**N/A -**

2D transfer tubes 1.8 ml, 2 ml and 5 ml

- **Polypropylene tube, polycarbonate rack**
- **USP Class VI**
- **Cap with external polypropylene thread with thermoplastic elastomer seal**
- **Low version, total tube height 49.79 mm**
- **Temperature resistant from -180 °C to 121 °C**
- **Sterile, autoclavable**
- **Graduated, white marking area**



	5 ml tubes				2 ml tubes with internal screw thread		1.8 ml tubes	
Type/ Marking	**Cat.No**	**Units/ box**	**€/ box**	**Units/ box**	**Cat.No**	**€/ box**	**Cat.No**	**€/ box**
Latch rack/2D	**056851**	24 x 10	**N/A -**	48 x 10	**056872**	**N/A -**	**056843**	**N/A -**
Latch rack	**056852**	24 x 10	**N/A -**	48 x 10	**056873**	**N/A -**	**446861**	**N/A -**
In bulk/2D	**056853**	240	**N/A -**	480	**056874**	**N/A -**	**056844**	**N/A -**
In bulk	**056854**	240	**N/A -**	480	**056875**	**N/A -**	-	-
Empty rack	**056855**	10	**N/A -**	10	**056871**	**N/A -**	**262181**	**N/A -**
Empty latch rack with barcode	-	-	-	10	-	-	**056906**	**N/A -**
Latch rack with barcode	-	-	-	48 x 10	**056872B**	**N/A -**	**056843B**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

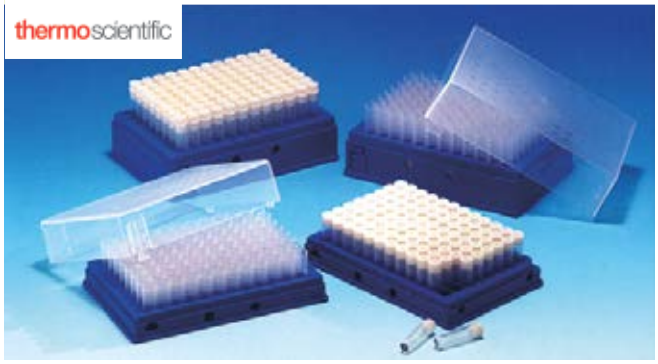
ABgene® SmartScan™2 ml cryotubes, 2D code

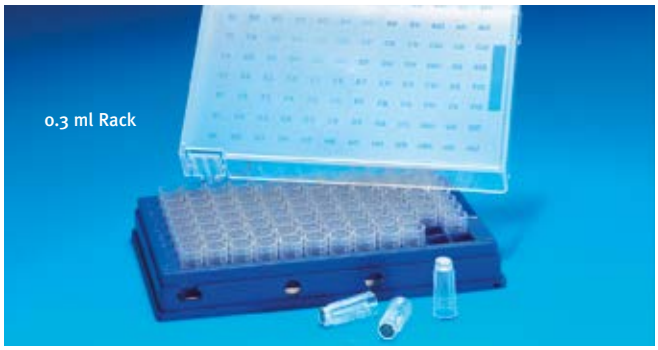


- SmartScan™ DataMatrix™ 2D encapsulated code combined with an 8-digit human readable code
- Made of virgin polypropylene
- For storage and unique sample identification
- Twist Lock screw cap
- Marking surface
- Compatible with all ABgene readers
- Resistant to DMSO or other solvents
- Cap with 100% watertight sealing ring
- Available in a 48-well rack to optimise tube storage in the freezer
- Lockable rack with transparent cover with alphanumeric marking
- Guaranteed down to -180 °C in liquid nitrogen vapour
- Maximum volume: 2 ml / useful volume: 1.8 ml

Cat. No.	Description	Units/ bag	Units/ box	€/ box
016972	Cypher 2 ml cryotube, 2D code	500	500	N/A -
016996	Rack 48 cryotubes 2 ml, 2D code	SmartScan™	10 racks	N/A -

ABgene® SmartScan™2D Transfer Tubes






0.65 ml Rack


1.2 ml Rack

- Tubes on rack with 2D DataMatrix Code on the outside bottom of the tube (2D SmartScan™code); a 10-digit code is also readable by eye
- For unique identification of each sample (3.6 x 10^{15} possible combinations)
- Full traceability
- The 2D SmartScan™ code is encapsulated in a polypropylene window (patent pending) for total protection from damage, solvents (e.g., water, oil, gas, etc.) and other contaminants: DMSO)
- Volume 0.3 ml, 0.65 ml or 1.2 ml (all conical bottom)
- The 2D SmartScan™ code can be read by various readers (see page 351)
- Empty rack available on request

Applications

- To build up your sample bank safely, even at low temperatures
- 0.3 ml: DNA/RNA/tissue storage
- 0.5 ml: DNA/RNA storage
- 1 ml: storage of biological samples, chemical library
- 2 ml: storage of biological samples

Cat. No.	Volume	Presentation	Caps	Units/ box	€/ box
016992	0.3 ml	Rack	No	10 x 96	N/A -
016569	0.65 ml	Bulk	No	960	N/A -
016568	0.65 ml	Rack	Septum	10 x 96	N/A -
016566	1.2 ml	Robotic Rack	No	10 x 96	N/A -
016646	1.2 ml	Non-stacking rack alphanumeric marking.	No	10 x 96	N/A -
016638	1 ml	Rack	TL* White	10 x 96	N/A -





ABgene®Caps for transfer tubes

SmartCap 96-cap Mat

Cat. No.	Description	Units/ box	€/ box
017225	SmartCap 96-cap Mat	10 x 96	N/A -

8-Cap Strip - for short term storage

Cat. No.	Description	Units/ box	€/ box
016129	8-cap Strip	120 x 8	N/A -

Individual caps - for short term storage

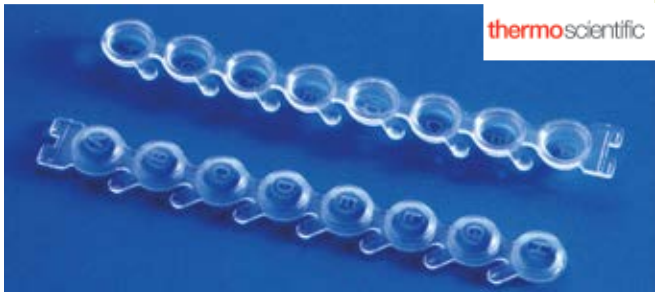
Cat. No.	Description	Units/ box	€/ box
016560	Individual caps	960	N/A -

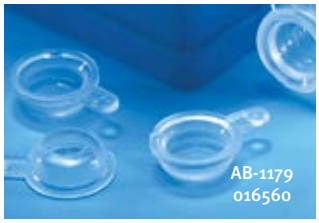
Septum caps - self-piercing and self-closing with a guaranteed seal

Cat. No.	Description	Units/ box	€/ box
016957	Caps with septum, 10 mm	1000	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
016544	Tray of 96 caps with septum	10	N/A -















2D tubes on rack

- With Data Matrix marking on the bottom of the tube
- 2 volumes: 0.65 ml and 1.4 ml (effective volumes: 0.5 ml and 1.2 ml)
- With additional alphanumeric code on the tube body
- Made of polypropylene
- Low retention
- Temperature resistant from - 196 °C à + 121 °C
- Manufactured in a class 7 clean room
- One-piece tubes with laser engraved codes
- Good contrast of the alphanumeric marking on the tube and easy reading of the code
- Suitable for use in liquid nitrogen vapour
- With barcode and alphanumeric code on the side of the rack
- Alphanumeric code on the tube identical to that of the rack
- The last 2 digits indicate the position of the tube in the rack

Human DNA · DNase RNase · Pyro-genic · Endo-toxins

	On 96-tube rack		
Volume (ml)	Cat.No	Units/ box	€/ box
0.65	340011B	20 racks of 96	N/A -
1.4	340012	12 racks of 96	N/A -





Rack only

- With transparent lid with locking system
- In the standardised SBS format
- Lower rack heights than other brands to save space

Cat.No	Rack for 96 tubes	Units/ box	€/ box
340023	0.65 ml	18	N/A -
340024	1.4 ml	10	N/A -

W-SEAL caps and cap mats

- In high quality TPE
- FDA certified
- In mats or in bulk

DNase RNase · Human DNA · Endo-toxins

	Natural	Blue	Black	Red	Yellow
Caps, in bulk	340013	340014	340015	340016	340017
€/ 960 units	N/A -	N/A -	N/A -	N/A -	N/A -
Caps on mat of 96	340018	340019	340020	340021	340022
€/ the 10 mat of 96	N/A -	N/A -	N/A -	N/A -	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

2D tubes with screw caps







- Made of polypropylene
- USP Class VI
- Silicone cap
- Temperature resistant from -80 °C to 120 °C
- 200 µl, 500 µl, 1 or 12 ml tubes
- Sterile
- Internal screw

Endo-toxins · DNase RNase · Cyto-toxin · Human DNA

Latch racks

- Compatible with Automats
- SBS format
- Open bottom for ventilation and cooling: for faster heat-up
- Safety lid for robotic use; for shipping, the lid stays closed; for manual use, the lid stays in the open position by the hinges

Snap racks

- Compatible with Automats
- Security cover for shipping and storage

	200 µl Tubes			500 µl Tubes					1 ml Tubes					12 ml Tubes		
	With screw cap			With screw cap			Without screw cap		With screw cap			Without screw cap		With screw cap		Without screw cap
Natural tubes	**Bulk**	**On a rack**	**On a rack with barcode**	**Bulk**	**On a rack**	**On a rack with barcode**	**On a rack**	**On a rack with barcode**	**Bulk**	**On a rack**	**On a rack with barcode**	**On a rack**	**On a rack with barcode**	**Bulk**	**On a rack**	**On a rack**
Natural cap	446613	446612	446612B	446461	446462	446462B	446463	446463B	446460	446307	446307B	446308	446308B	446466	446467	446468
Blue cap	-	-	-	446533	446539	446539B	-	-	446545	446551	446551B	-	-	-	-	-
Green cap	-	-	-	446534	446540	446540B	-	-	446546	446552	446552B	-	-	-	-	-
Purple cap	-	-	-	446535	446541	446541B	-	-	446547	446553	446553B	-	-	-	-	-
Red cap	-	-	-	446564	446542	446542B	-	-	446548	446554	446554B	-	-	-	-	-
White cap	-	-	-	446537	446543	446543B	-	-	446549	446555	446555B	-	-	-	-	-
Capyellow	-	-	-	446565	446544	446544B	-	-	446550	446556	446556B	-	-	-	-	-
Units/box	480	5 x 96	5 x 96	480	5 x 96	5 x 96	5 x 96	5 x 96	480	5 x 96	5 x 96	5 x 96	5 x 96	100	96	96
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Amber tubes	-	-	-	-	446610*	-	-	-	-	446608*	-	446609	-	-	-	-
Units/box	-	-	-	-	5 x 96	-	-	-	-	5 x 96	-	5 x 96	-	-	-	-
€/box	-	-	-	-	**N/A -**	-	-	-	-	**N/A -**	-	**N/A -**	-	-	-	-

* Red cap



Tube 1D2D



latchRack

2D screw cap tubes with marking area

	With white marking area on the side		White marking area on the side of the tubes with 1D code	
	500 µl Tubes	1 ml Tubes	500 µl Tubes	1 ml Tubes
Colour	**On a rack**	**On a rack**	**On a rack**	**On a rack**
Natural	**446856**	**446852**	**446857**	**446853**
Units/box	5 x 96	5 x 96	5 x 96	5 x 96
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Non-autoclavable screw caps only

	Bulk	On rack
Natural	**446562**	**446513**
Blue	**446522**	**446516**
Green	**446523**	**446517**
Violet	**446524**	**446519**
Red	**446520**	**446514**
White	**446309**	**446518**
Yellow	**446521**	**446515**
Units/box	500	5 trays of 96 caps
€/box	**N/A -**	**N/A -**

Empty racks for 2D screw cap tubes

Cat. No.	Description	Units/ box	€/ box
446456B	Empty Latch Rack with green latch and barcode for 500 µl tube	10	**N/A -**
446458	Empty Latch Rack for 500 µl tube	5	**N/A -**
446458B	Empty latch rack with barcode for 500 µl tube	5	**N/A -**
446314	Empty latch rack for 1 ml tube	5	**N/A -**
446314B	Empty Latch Rack with barcode for 1 ml tube	5	**N/A -**
446459	Empty latch rack for 12 ml tube	4	**N/A -**

Inserts for single screw caps

Violet	White	Units/ box	€/ box
446465	**446464**	500	**N/A -**

2D V-bottom tubes - septum cap

- **USP Class VI**
- **Made of polypropylene**
- **Thermoplastic elastomer cap**
- **Recommended for use at room temperature and down to -80 °C**
- **500 µl, 750 µl or 1.4 ml tubes**
- **Sold without caps except for Duraseal which are pre-installed**

2 types of stoppers:
- Duraseal: special automat, permanently installed, long term storage up to - 150 °C
- Without cap: standard or pre-slotted version



			500 µl Tubes			750 µl Tubes			1.4 ml Tubes		
Type	**Caps**	**Sterile**	**Cat.No**	**Units/ box**	**€/ box**	**Cat.No**	**Units/ box**	**€/ box**	**Cat.No**	**Units/ box**	**€/ box**
Latch rack	Duraseal	No	**446201**	10 x 96	**N/A -**	**446202**	10 x 96	**N/A -**	**446203**	10 x 96	**N/A -**
Latch rack	Duraseal	Yes	**446447**	10 x 96	**N/A -**	-	-	-	-	-	-
Latch rack	Without cap	No	**446448**	10 x 96	**N/A -**	**446449**	10 x 96	**N/A -**	**446037**	10 x 96	**N/A -**
Latch rack green	Without cap	Yes	**446558**	10 x 96	**N/A -**	-	-	-	-	-	-
Latch rack red	Without cap	Yes	**446559**	10 x 96	**N/A -**	-	-	-	-	-	-
In bulk	Without cap	No	**446557**	1000	**N/A -**	**446525**	1000	**N/A -**	**446509**	1000	**N/A -**
Latch rack	Without cap	Yes	**-**	-	**-**	**446560**	10 x 96	**N/A -**	**446038**	10 x 96	**N/A -**

Empty racks for tubes

Cat.No	Description	Units/ box	€/ box
446457	Empty Latch Rack, red for 500 µl Duraseal tubes	10	**N/A -**
446456	Empty Latch Rack, green for 500 µl tubes without cap	10	**N/A -**
446443	Empty Latch Rack for 750 µl tubes	10	**N/A -**
446033	Empty Latch Rack for 1.4 ml tubes	10	**N/A -**

Matrix transfer tubes with Duraseal cap

Duraseal cap:

- **Made of thermoplastic elastomer, V-bottom, pre-split, individual caps**
- **Compatible with all Matrix storage tubes**
- **Designed to be drilled over 200 times**
- **Solvent resistant, temperature resistant from -80 °C to +100 °C**
- **Excellent barrier to water vapours and DMSO vapours**
- **Extractable material: absent after soaking in DMSO**
- **Delivered mounted on tubes or in bulk**

Cat.No	Description	Sterile	Duraseal cap	Units/ box	€/ box
446201	Matrix 2D 0.5 ml tube on rack	No	Yes	10 x 96	**N/A -**
446447	Matrix 2D 0.5 ml tube on rack	Yes	Yes	10 x 96	**N/A -**
446202	Matrix 2D 0.75 ml tube on rack	No	Yes	10 x 96	**N/A -**
446203	Matrix 2D 1.4 ml tube, V-bottom, on rack	No	Yes	10 x 96	**N/A -**
446204	Septa only	No	-	500	**N/A -**



2D flat bottom tubes

- **With DataMatrix barcodes**
- **100 µl tubes suitable for 384 tube format**
- **1 ml glass tubes for excellent chemical resistance**
- **1.4 and 1 ml tubes suitable for septum caps (see below)**

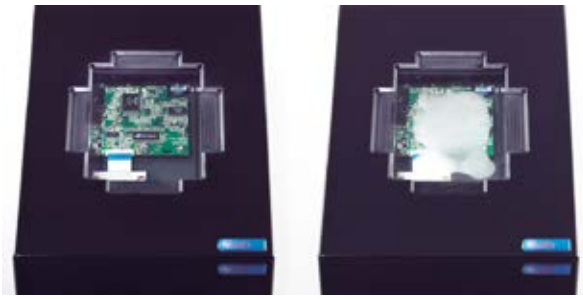
		100 µl Tubes			1 ml Tubes			1.4 ml Tubes		
Type	**Sterile**	**Cat.No**	**Units/ box**	**€/ box**	**Cat.No**	**Units/ box**	**€/ box**	**Cat.No**	**Units/ box**	**€/ box**
Bulk	No	-	-	-	-	-	-	**446563**	1000	**N/A -**
Latch rack	Yes	-	-	-	-	-	-	**446036**	10 x 96	**N/A -**
Latch rack	No	**446561**	20 x 384	**N/A -**	**446452**	5 x 96	**N/A -**	**446035**	10 x 96	**N/A -**

Empty racks for tubes

Cat. No.	Description	Units/ box	€/ box
446034	Empty Latch rack for 1.4 ml tubes	10	**N/A -**
446865	Empty rack for 384 x 100 µl tubes	20	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

ZIATH Barcode scanners



With Cryoprotection™ Without Cryoprotection™

- All scannerq are available with cryoprotection
- Special cryoprotection coating prevents condensation from your cryotubes from interrupting the reading

- Fast and easy results
- Tailor-made solution for sample management
- Works with all brands of 2D barcode tubes
- After an initial automatic calibration, the scanner is ready for use
- Compatible: Windows 8, 7, 10, Vista and XP
- 2 year warranty

More information on the Ziath range?
Contact us or visit www.dulis.nl



PRACTICAL INNOVATION

2D barcode scanners for individual tube

Portable Barcode scanners



- Lightweight and intuitive
- Dimensions L x W x H (mm) 155 x 65 x 38
- Storage Capacity: 60 000 samples
- Autonomy of 8h
- 5 modes:
  - displaying the tube barcode and saving the list of scanned tubes
  - displaying the tube barcode and all pre-registered details
  - downloading a list of samples to the scanner and viewing at once
  - editing existing data or adding a new sample
  - application involving wireless communication, custom projects
- With cryoprotection
- Supplied with software, battery charger, and USB cable for connection to a computer

Cat.No	Description	€
779951	2D barcode scanner for single tube use	N/A -
779969	1D barcode scanner for handhed 2D barcode scanner	N/A -

Barcode scanners



- Fast barcode reading in less than 1 second
- Very easy to set up
- Robust
- Large reading window made of scratch-resistant glass
- Supplied with software and instructions for use

Cat.No	Description	€
779929	2D barcode scanner for a single tube without cryoprotection	N/A -
779930	2D barcode scanner for a single tube with cryprotection	N/A -

DP5 software

Only compatible with 2D barcode scanners with camera. 3 versions available according to your needs.

Standard version, included with the scanner: simple, intuitive, ready to use in minutes

- Control via direct connection to the computer
- Auto-scaling to work with the latest 4K displays
- Compatible with all Ziath 2D barcode scanners with camera: Mirage, Cube, and Express
- Data export in Excel, text, JSON, XML and scanned images can also be saved
- Remote control function for direct integration with liquid handling robots and other compatible external devices
- Scanning and export settings can be assigned individually for each rack type used
- Automatic rack detection and rack model creation as standard

Secure version: unparalleled level of data protection and security for users of sensitive samples (human tissue, forensics...)

- Encrypted communication using public/private key technology
- User account with different levels of authority
- Full audit track linked to each user
- Audit track can be fully encrypted
- Scan store function adds scanned images, scanner settings, and barcode tables to each user's audit track

Cat. No.	Description	€
779981	DP5 Secure software (1 licence)	N/A -

Network version: remote control

- Control of multiple 2D barcode scanners directly via phone, tablet or wifi connected computer
- Control of multiple scanners on a server from a single device
- Scripting function allows a high level of automation of data processing, export of files to a database, Excel, email or any other compatible program
- Take a scanner anywhere, run a scan on a handheld device and send that file back to any computer in a variety of formats

Cat. No.	Description	€
779979	DP5 Network software (up to 3 licences)*	N/A -
779980	DP5 Network software (from 4 licenses)*	N/A -

* Rate for 1 licence.



Barcode scanners with camera

Cube barcode scanners



- Compatible with SBS racks and cryoboxes for 81, 100 and 196 tubes
- Dimensions W x L x H (mm): 152 x 174 x 146
- Fast, 1-2 seconds reading time
- Pre-calibrated, ready to use
- Supplied with rack and cryobox adapter, power adapter, software, USB cable for connection to a computer and instructions for use

Cat.No	Description	€
779975	Cube 2D barcode scanner with DP5 software	N/A -
779976	Cube 2D barcode scanner with cryoprotection and DP5 software	N/A -

Mirage Bar code scanners



- Compatible with all 24, 48 and 96 tube SBS format racks
- Compact Wx L x H (mm): 208 x 135 x 80
- Low height for use in robotic integration
- Pre-calibrated, ready to use
- Supplied with power adapter, software, USB cable for connection to a computer and instructions for use

Cat.No	Description	€
779977	Mirage 2D barcode scanner with DP5 software	N/A -
779978	Mirage 2D barcode scanner with cryoprotection and DP5 software	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

1D Lateral barcode scanner



- This accessory attaches to the 2D barcode reader with a magnetic clamp and allows side barcode reading of racks
- Moves to either side of the 2D barcode scanner in less than a second
- Control and power via USB connection, no additional plug
- Dimensions W x L x H (mm): 67 x 48 x 19

Cat.No	Description	€
779948	1D barcode scanner for 2D Cube barcode scanner	N/A -
779968	1D barcode scanner for 2D Mirage barcode scanner	N/A -

Sample management software

- Fast and easy to use software
- Direct connection to 2D barcode reader
- Guaranteed traceability for all types of samples (blood, micro-organisms, etc.)

Cat. No.	Description	€
779944	Sample management software	N/A -
779944F	Sample management software - French version	N/A -

Sample pickers



- One-handed recovery of screw-capped cryotubes or microtubes
- Ideal for retrieving tubes from the middle of a rack
- Compatible with Matrix, Nunc, FluidX, Abgene, Micronic and other tubes

Cat. No	Description	€
779943	Picker for SBS rack cryotubes	N/A -
779942	Picker for cryotubes with screw cap in cryobox	N/A -

Mohawk tube picker



- Semi-automatic
- Allows selection of 1 to 6 tubes from a 96-tube rack
- 1D Integrated barcode scanner
- Intuitive software: manually generated tube selection list on excel or via the software (779944 and 77944F). The list can contain tubes from several racks. When a rack is placed on the selector, the rack is recognised by the 1D barcode and the tubes in the list are selected
- The rack is scanned and the tubes are selected in seconds
- Can be combined with Ziath Mirage, Cube and Express 2D barcode readers

Cat. No.	Description	€
779974	Mohawk tube selector	N/A -

VisionMate 2D Matrix Wireless Scanner



- For linear, 2D and QR barcode reading
- Data transferred via Bluetooth or USB
- Capable of scanning in low light conditions
- Display of the main parameters on the screen (battery status, scanned code, connection, etc.)
- Possibility to modify time, date, suffix, prefix, etc...
- Supplied with software

Cat. No.	Description	€
446877	Wireless 2D barcode scanner	N/A -

Scope single tube scanner



- 1D and 2D code scanner
- No software required, just plug and play
- Visualisation of the code in the file of your choice (Word, Excel, OneNote...)
- Works with PC, tablet, iPad, smartphone
- 2 versions: USB cable or Bluetooth
- Available as a Bluetooth version with an Lenovo 10"Android tablet
- Dimensions W x D x H: 59 x 150 x 38 mm
- Weight: 254 g

Cat. No.	Description	€
783959	USB Scope Reader	N/A -
783981	Bluetooth Scope Reader with Lenovo Android Tablet	N/A -

Perception Scanner for tubes on rack

- Ultra fast: read a 96 rack in less than a second
- Compatible with all 2D tube formats
- Can be integrated into robotics
- Detects missing tubes
- Cryoprotection function Active
- Data export in csv, html, Excel, Word,..
- Compatible with Windows 7, 8 and 10
- USB connection
- Dimensions W x D x H: 97 x 137 x 160 mm



Cat. No.	Description	€
830370	Perception Scanner for tubes on rack	N/A -

Eppendorf 2D barcode scanner

2D barcode scanner

- 2D barcoded tube readings in SBS rack format, or cryobox
- Cryoprotection: special coating to prevent condensation from cryotubes from interrupting reading
- Small footprint
- PC connection via USB
- Compatible: Windows Vista, Windows 7, Windows 8
- Export of data in TXT, JSON, XML, image format
- Documentation (certificate, etc.) on the tubes available via the Eppendorf website based on the cryotube codes
- Automated data transfer to sample management software (e.g. Eppendorf eLABInventory)
- eLABJournal available via the Eppendorf website: intuitive and flexible solution for documenting research and tracking research data as well as workflow processes in which the ULT freezer is used

Cat.No	Description	€
934475	Rackscan 2D barcode scanner with Rackscan analyzer software	N/A -



1D barcode scanner

- 1D barcode scanner for lateral reading of SBS racks and cryoboxes
- Can be mounted on the 2D barcode scanner Cat. number 934475

Cat. No.	Description	€
934476	1D barcode scanner	N/A -

Bio-One Cryo.S™ barcode scanner

- Decoding time: 8 to 10 seconds per rack
- Anti-condensation treatment: for reading frozen tubes and racks
- Ability to enable or disable internal temperature control during exposure to frozen samples
- Supplied with software for reading a tube or rack of tubes with 2D barcode, power cable, USB cable, instructions for use
- One touch function for barcode reading activation

Cat. No.	Description	Dimensions L x W x H (mm)	€
849070	Cryo.S™ barcode scanner	310 x 195 x 70	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

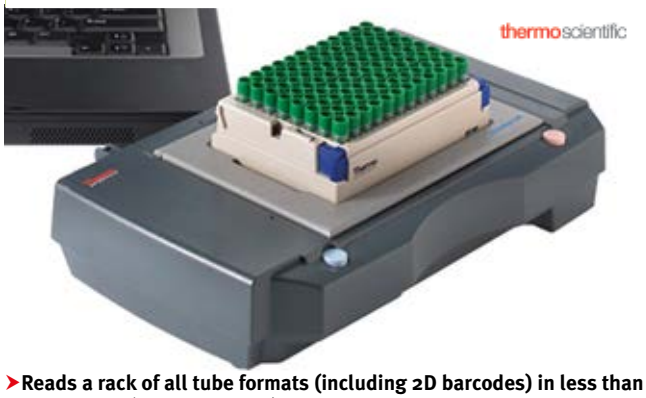
VisionMate ST 2D barcode reader



- Single tube reader for reading 2D codes
- Connection via USB
- Reads all tubes with high contrast 2D barcodes
- Supplied with software, installation by the manufacturer (only on French territory)

Cat. No.	Description	€
446510	VisionMate ST 2D barcode reader for tube	N/A -

VisionMate SR 2D barcode reader



- Reads a rack of all tube formats (including 2D barcodes) in less than 10 seconds (1 rack at a time)
- Connection via USB
- Supplied with software, installation by the manufacturer (only on French territory)

Cat. No.	Description	€
446316	VisionMate SR 2D barcode reader for rack	N/A -

thermoscientific

VisionMate High speed 2D barcode reader



- For reading a tube or a rack
- Reads a rack in less than 3 seconds
- Supplied with software, installation by the manufacturer (only on French territory), and linear barcode reading accessory for the rack

Cat. No.	Description	€
228664	High speed 2D barcode scanner	N/A -



Find the TubeMarker™ 2 for engraving individual tubes at www.dulis.nl

thermoscientific

Capit-All and Capit-All IS Capper/decapper



Capit-All 96 tubes

- For capping/uncapping 96 tubes at a time
- Prevents handling errors
- Capit-all IS version can be integrated with a robotic system
- Model 446528 and 446529: 10 seconds per cycle
- Model 446531: 15 seconds per cycle

Cat.No	Description	€
446528	Capper/decapper Capit-All 96 tubes MATRIX	N/A -
446529	Capper/decapper Capit-All 96 tubes NUNC	N/A -
446531	Capper/decapper Capit-All IS for integration with robotic system 96 tubes MATRIX	N/A -

Capit-All 48 tubes

- Allows to capped/uncapped 48 tubes at a time

Cat. No.	Description	€
446530	NUNC Capit-All 48 tube Capper/ decapper	N/A -

Mat Capper





Mat applicator for storage plates.

- Easy to use with EVA or silicone mats
- For low or high polypropylene storage plates (Deepwell)
- Requires little pressure
- Reduces TMS
- Universal navette plate

Cat. No.	Description	€
058095	Mat Capper Applicator	N/A -

Aperio Semi-Automated Vial Capping and Decapping System

- For tubes with internal or external thread
- Designed for laminar flow hoods
- Easy to use
- Two-position plate: Decap tubes by columns then place the caps on the dedicated rack



Model	Aperio 4	Aperio 6		Aperio 8	
Rack	SBS 24 rack	SBS 48 rack		SBS 96 rack	
Screw	Internal	Internal	External	Internal	External
Cat. No.	783975	783974	783973	783971	783972
€	N/A -	N/A -	N/A -	N/A -	N/A -

IntelliXcap Automated Capper/Decapper

- Universal Capper/ decapper for screw cap tubes in SBS 24, 48 or 96 rack
- Operates in stand-alone mode or can be integrated and controlled on a robotic platform
- Decapps a 96-tube rack in 20 seconds
- Small footprint

Quote on request



Capper / decapper for 8 tubes with screw caps

- For capping/uncapping 8 tubes at a time
- For left and right handed people
- Prevents waste and increases the longevity of samples

Cat.No	Description	€
446526	8-channel capper/decapper for MATRIX tubes	N/A -
446527	8-channel capper/decapper for NUNC tubes	N/A -

thermoscientific



Cap removal tools

- To remove septum caps
- 1 to 8 tubes in one operation



Cat. No.	Description	€
446048	Removal tool for SepraSeal caps	N/A -

ClearLine® 0.65 ml and 1.1 ml storage tubes

- Polypropylene tubes in bulk or on 96 racks
- 1.1 ml tubes, individual or in strips of 8 or 12
- Polyethylene domed caps in strips of 8 or 12
- ANSI format
- Autoclavable
- Storage up to -80 °C

Pyro-genic · Human DNA · DNase RNase



Volume	0.65 ml			1.1 ml								
Presentation	Bulk	On a rack		Bulk			On a rack					
Type	Individual tubes			Individual tubes	8-tube strip	12-tube strip	Individual tubes		8-tube strip		12-tube strip	
Sterile	No	No	Yes	No	No	No	No	Yes	No	Yes	No	Yes
Units/box	960	10 x 96	10 x 96	960	120	80	10 x 96	10 x 96	12 x 10	12 x 10	8 x 10	8 x10
Cat. No.	007863ACL	007864ACL	007865ACL	007866ACL	007869ACL	007872ACL	007867ACL	007868ACL	007870ACL	007871ACL	007873ACL	007874ACL
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Plugs

Type	8-Cap strips		12-Cap strips	
Sterile	No	Yes	No	Yes
Units/box	120	120	80	80
Cat. No.	007875ACL	007876ACL	007877ACL	007878ACL
€/box	N/A -	N/A -	N/A -	N/A -

Accessory

Cat. No.	Description	Units/ box	€/ box
007879CL	Empty rack with lid	50	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Transfer Tubes 1.2 ml



840901



840897

- SBS format
- Ideal for automation / HTS
- Available in single, 8 or 12 tube strips
- Virgin polypropylene tubes and racks, polyethylene cap strips
- The racks are supplied with transparent lids
- Alphanumeric marking
- Autoclavable
- Sterile version free of pyrogens

DNase RNase

PCR-inhibitor

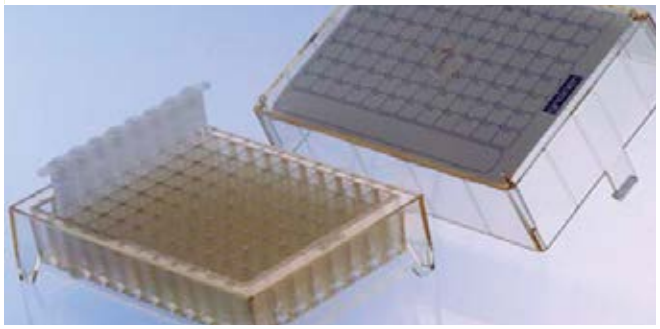
	Tubes, in bulk			Tubes, in rack			Sterile Tubes, in rack		
Description	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**
Individual tubes	**045569**	1000	**N/A -**	**045570**	10	**N/A -**	**840904**	10	**N/A -**
8-tube strip	**840897**	125	**N/A -**	**840900**	10	**N/A -**	**840905**	10	**N/A -**
12-tube strip	**840898**	80	**N/A -**	**840901**	10	**N/A -**	**840906**	10	**N/A -**

Cap strips

	Non-sterile			Sterile		
Description	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**
8-strip	**045568A**	125	**N/A -**	**840902**	125	**N/A -**
12-strip	**840899**	80	**N/A -**	**840903**	80	**N/A -**

greiner BIO-ONE

Bio-One 96-tube storage racks



- 1.3 ml polypropylene tube
- 96 position polycarbonate rack with lid included
- SBS format, silicone cap strip
- Identification Card
- Temperature resistance - 80 °C to + 120 °C, autoclavable

Cat. No.	Tubes included	Sterile	€
975502	No	No	**N/A -**
975561	Yes	Yes	**N/A -**
975570	Yes	No	**N/A -**

thermoscientific

ABgene®Standard 0.65 ml and 1.2 ml transfer tubes on rack







- Made of virgin polypropylene (no leaching)
- Volume: 0.65 ml and 1.2 ml
- All racks are available with barcode
- Especially suitable for screening and robotic applications
- Compatible with multichannel pipettes
- Presented loaded on 96-well rack with alphanumeric index
- Withstands down to -180 °C

The tubes are supplied either:
- uncapped;
- with Multisip™ septum cap (for robotic use)

Standard transfer tubes

Cat. No.	Volume	Presentation	Caps	Units/ box	€/ box
016892	0.65 ml	Rack	No	10 x 96	**N/A -**
016414	1.2 ml	Rack	No	10 x 96	**N/A -**

Plugs

Cat. No.	Description	Units/ box	€/ box
016129	8-cap Strip	120 x 8	**N/A -**
016560	Individual caps	960	**N/A -**
016544	96 septum caps tray	10 x 96	**N/A -**
017225	SmartCap Mat	10 x 96	**N/A -**

Matrix septum cap transfer tubes

- Round bottom
- In polypropylene Autoclavable
- Temperature resistant from - -80 °C to 120 °C
- Bulk, Latch rack or Snap rack version

Latch racks

- Compatible with Automats
- SBS format
- Open bottom for ventilation and refrigeration for faster temperature recovery
- Safety lid for robotic use; for shipping, the lid stays closed; for manual use, the lid stays in the open position by the hinges

Snap racks

- Snap-in tubes, avoids the risk of tipping
- Compatible with Automats
- Security cover for shipping and storage

Type	Marking	Sterile	Units/ box	750 µl Tubes		1.4 ml Tubes	
				Cat.No	€/ box	Cat.No	€/ box
In bulk	-	No	1000	446015	N/A -	446020	N/A -
On Latch rack	-	No	10 x 96	446016	N/A -	446023	N/A -
On Latch rack	-	Yes	10 x 96	446017	N/A -	446024	N/A -
On Latch rack	Alphanumeric	No	10 x 96	446018	N/A -	446029	N/A -
On Latch rack	Alphanumeric	Yes	10 x 96	446019	N/A -	-	-
Snap Rack	Alphanumeric	No	10 x 96	-	-	446027	N/A -
Snap Rack	Alphanumeric	Yes	10 x 96	-	-	446028	N/A -
Refill	-	No	10 x 96	-	-	446025	N/A -
Refill	-	Yes	10 x 96	-	-	446026	N/A -
Refill	Alphanumeric	No	10 x 96	-	-	446031	N/A -





Latch rack



The lid remains in the open position by the hinges



Safety cover for use in robotics

Empty racks

Cat. No.	Presentation	Sterile	Units/ box	€/ box
446443	Latch rack for 0.75 ml tubes	No	10	N/A -
056794	Latch rack for 48 tubes 1 or 2 ml	No	10	N/A -
446033	Latch rack for 1.4 ml tubes	No	10	N/A -
446034	Snap rack for 1.4 ml tubes	No	10	N/A -
056795	Latch rack for 48 tubes 3.6 - 5 ml	No	10	N/A -

Closing systems

- Individual Sepraseal caps on mat
- Cap Mat
- Cap strips



Individual Sepraseal caps on mat

- Individual Sepraseal caps on mat

Trans.	Red	Yellow	Blue	Green	Pink	Violet	Grey	€ box 96 x 10
Individual Sepraseal caps on Non-sterile mat								
446045	446481	446482	446483	446484	-	446486	446487	N/A -
Sepraseal Individual caps on sterile mat								
446046	446488	446489	446490	446491	-	446493	446494	N/A -
Sepraseal Individual caps on pre-punched non-sterile mat								
446047	446495	446496	446497	446498	-	446500	446501	N/A -
Sepraseal Individual caps on pre-punched sterile mat								
446453	446502	446503	446504	446505	-	-	446508	N/A -
Accessory								
446048	Uncapping tool (box with 1)							N/A -

Mats and Cap Strips



Cap Mat

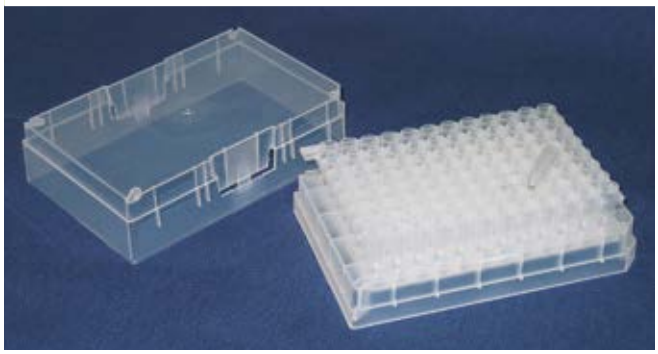
Cat. No.	Cap Mat for	Sterile	Units/ box	€/ box
446052	Tube 0.75 ml and 1.4 ml on Latch racks	No	100	N/A -
446053	Tube 0.75 ml and 1.4 ml on Latch racks	No	10	N/A -

Cap strips

Cat. No.	Type	Sterile	€ the 240 unit box
446055	Detachable cap	No	N/A -
446056	Separable cap	Yes	N/A -
446057	Non-detachable cap	No	N/A -
446058	Non-detachable cap	Yes	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hitplate 0.65 ml and 1.2 ml transfer tubes on rack



96-tube rack with SBS standard

- In polypropylene Autoclavable
- Safety Transparent lid
- Stackable
- A support frame holds the tubes in the rack and prevents accidental removal of a tube

0.65 ml or 1.2 ml tubes

- In polypropylene, Autoclavable
- Available in 3 versions: single tubes, 8-tube strips or single tubes with printed alphanumeric bottom marking



Cat. No.	Type	Volume (ml)	Tubes Presentation	Support frame	Tube Alphanumeric marking	Units/ box	€/ box
606101	Individual	0.65	Bulk	-	No	960	N/A -
606100	Individual	0.65	Rack	No	No	10 x 96	N/A -
606300	Individual	0.65	Rack	Yes	No	10 x 96	N/A -
606400	Individual	0.65	Rack	No	Yes	10 x 96	N/A -
606500	Individual	0.65	Rack	Yes	Yes	10 x 96	N/A -
606900	Individual	0.65	Refill	Yes	No	50 x 96	N/A -
606800	Individual	0.65	Refill	Yes	Yes	50 x 96	N/A -
606250	8-strip	0.65	Bulk	-	No	120 x 8	N/A -
606200	8-strip	0.65	Rack	No	No	10 x 96	N/A -
605101	Individual	1.2	Bulk	-	No	960	N/A -
605100	Individual	1.2	Rack	No	No	10 x 96	N/A -
605300	Individual	1.2	Rack	Yes	No	10 x 96	N/A -
605400	Individual	1.2	Rack	No	Yes	10 x 96	N/A -
004410M	Individual	1.2	Rack	Yes	Yes	10 x 96	N/A -
605900	Individual	1.2	Refill	Yes	No	50 x 96	N/A -
605800	Individual	1.2	Refill	Yes	Yes	50 x 96	N/A -
605250	8-strip	1.2	Bulk	-	No	120 x 8	N/A -
605200	8-strip	1.2	Rack	No	No	10 x 96	N/A -
606110	Rack with lid for 0.65 ml tubes 0.65 ml (L x W x H = 127.3 x 85.2 x 41.5 mm (H= 20.3 mm without lid))					10	N/A -
605110	Rack With lid for 1.2 ml 10 tubes					10	N/A -
606115	8-cap Strip					120 x 8	N/A -
900300	Aluminium sealing foil					100	N/A -

Biotubes Storage and transfer tubes

1.2 ml polypropylene tubes for storage and transfer. Individual or in strips of 8, in bulk or in a rack of 96 in microplate format.

- Racks Autoclavable more than 100 times
- Colour code on the rack
- Freezable at -80 °C
- Lid
- Alphanumeric index
- Tube ø x H (mm): 8.8 x 45 mm
- Removable inner tray of the unit



Tubes, in bulk 1.2 ml

Cat. No.	Description	Units/ box	€/ box
039116	Tubes, in bulk	960	N/A -
039117	Low surface adsorption tubes	960	N/A -
039119	8-Tube Strip, in bulk	120 x 8	N/A -
039120	8- Cap Strip, in bulk	120 x 8	N/A -

Racked Tubes 1.2 ml

Rack colours	Blue	Green	Red	Yellow	Units/ box	€/ box
Rack 96 individual tubes	039100	039101	039102	039103	10 x 96	N/A -
Rack 96 individual tubes, sterile	039104	039105	039106	039107	10 x 96	N/A -
Rack 96 tubes in strips of 8	039108	039109	039110	039111	10 x 96	N/A -
Rack 96 tubes in strips of 8, sterile	039112	039113	039114	039115	10 x 96	N/A -

Storage tubes for robotics

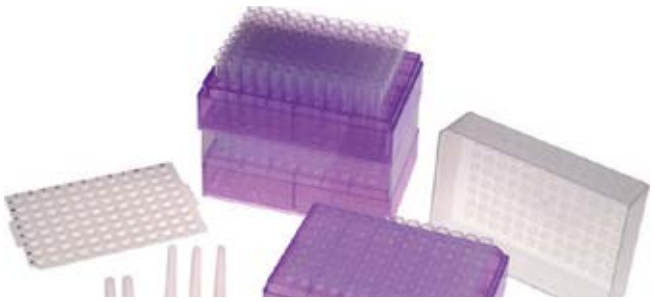


- 96-Tube strip 1.2 ml
- Made of polypropylene
- Specially designed for robotics
- Also ideal for multi-channel pipettes
- A special "Low Profile" version allows the rack to be adapted to equipment limited to the height of a storage block (Deepwell plate)
- Lid with alphanumeric index
- Tubes ø x H: 8.8 x 45 mm

Cat. No.	Description	Units/ box	€/ box
039121	Rack with 96 individual tubes	10 x 96	N/A -
039122	Rack with 96 individual tubes, sterile	10 x 96	N/A -
039123	Rack with 12 x 8-tube strips	10 x 96	N/A -
039124	Rack with 12 x 8-tube strips, sterile	10 x 96	N/A -

0.65 ml, 1.1 ml and 2.2 ml transfer tubes, individual or in strips

- Bulk or rack tubes in 96-well plate configuration
- In individual tubes or in strips of 8 or 12 tubes
- Polypropylene microtubes
- Polyethylene caps in strips of 8 or 12
- Aspecific adsorption of lesser proteins
- Excellent resistance to chemicals (organic solvents, DMSO, ethanol, methanol) and extreme temperatures
- For storage of samples down to -80 °C
- SBS format
- Autoclavable



Tubes

Volume	0.65 ml						1.1 ml							
Presentation	Bulk		On rack				Bulk			On rack				
Type	Indiv. tube	8-tube strip	Indiv. tube		8-tube strip		Indiv. tube	8-tube strips	12-tube strip	Indiv. tube		8-tube strip		12-tube strip	
Sterile	No		No	Yes	No	Yes	No			No	Yes	No	Yes	No	Yes
Units/bag	960	120 strips	96	96	12 strips	12 strips	960	120 strips	80 strips	96	96	12 strips	12 strips	8 strips	8 strips
Units/box	5 x 960	5 x 120	5 x 10 x 96	10 x 96	10 x 12	10 x 12	960	120	5 x 80	960	960	10 x 12	10 x 12	10 x 8	10 x 8
Cat. No.	**104422**	**104443**	**104423**	**104426**	**104444**	**104445**	**104401**	**104408**	**104446**	**104410**	**104411**	**104412**	**104413**	**104447**	**104448**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Plugs

Presentation	Vented				Non Vented	
	8-Cap strips		12-Cap strips		8-Cap strips	
Sterile	No	Yes	No	Yes	No	Yes
Units/bag	120	120	120	120	120	120
Units/box	120	120	120	120	120	120
Cat. No.	**104424**	**104418**	**104449**	**104450**	**104451**	**104452**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

PlugMats

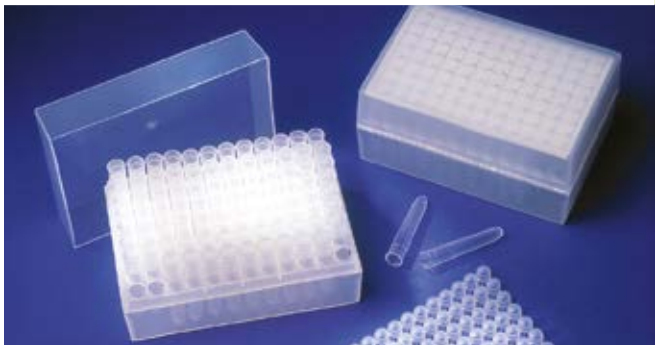
Cat. No.	Sterile	Units/ box	€/ box
104453	No	10	**N/A -**
104454	Yes	10	**N/A -**

Transfer Tubes 1.2 ml

1.2 ml polypropylene transfer tubes. Designed for RIA, EIA, PCR applications, quality control, blood bank or sample transport.
3 possible presentations:
- in bulk (in bags);
- in racks;
- refill system: 96-tube tray that can be loaded onto compact or robotic racks in an instant. Economic !

Racks Type:
- robotic" type rack compatible with Tecan, Beckman, Tomtec and others. Covering lid with alphanumeric markers and condensation rings.

	Standard	With writing area
Bulk	**077210**	**077217**
€/ 1000 units	**N/A -**	**N/A -**
On a "robotic" rack	**077213**	**-**
€/ 960 units	**N/A -**	**-**



- Closure by cap strip
- With or without writing surface on the 1.2 ml tube
- All tubes and racks are autoclavable
- Alpha-numeric marking on the rack

8-Cap strips

Cat. No.	Description	€ 120 units
077226	8-cap strip	**N/A -**
077227	8-cap strip ,sterile	**N/A -**

Square tube storage blocks

Racks of 96 square polypropylene tubes with round bottoms.
Volume: 2.2 ml.

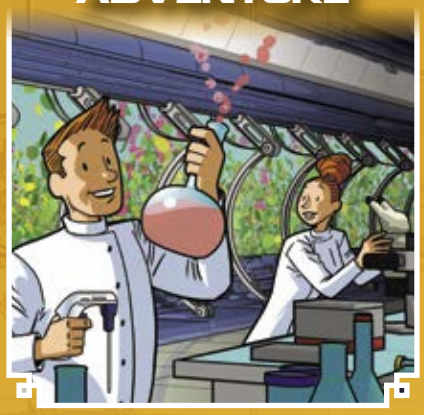
- Ideal for robotics, freezable down to -30 °C
- Low surface adsorption version for work with proteins and nucleic acids
- Covering lid

Cat. No.	Description	Units/ box	€/ box
039127	Rack with 96 square tubes	10 x 96	**N/A -**
039128	Rack with 96 square tubes, sterile	10 x 96	**N/A -**
039129	Square tubes, bulk	4800	**N/A -**
039130	Low adsorption square tubes in bulk	4800	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

AN EXTRAORDINARY ADVENTURE



PIPETTING AND DISTRIBUTION

- Disposable plastic pipettes 443 to 450
- Glass Pipettes 451 to 453
- Pipettes Stands 453 to 456
- Pipette controllers, Pipet-Aid, accessoires 457 to 463
- Reagent dispensers 464 to 468, 470
- Automatic dispensing syringes 469
- Hamilton Syringes and needles 471 to 478

Falcon® 1 to 100 ml cell culture pipettes

- Sterile, with cotton, graduated
- Additional graduation for a larger capacity
- Reverse graduation for better liquid distribution
- Colour code by volume
- Individual packaging (thermoformed, peelable and antistatic) or multi-pack
- Orientation markings on the gradations for ease of use with the Xpress pipette
- Range from 1 to 100 ml
- Paper/peelable plastic, Sterile unit pack

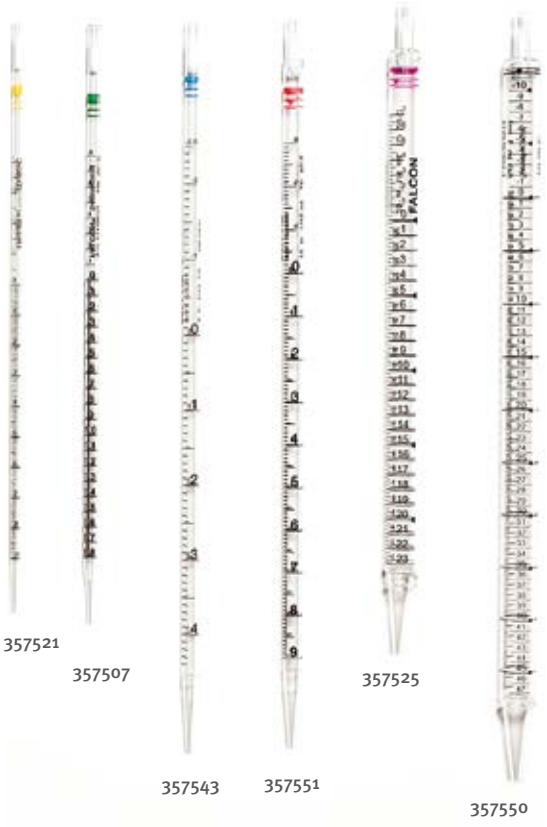
Pyro-genic — Cyto-toxic

Sterile unit packaging

Cat. No.	Volume (ml)	Increments	Add.Grad. (ml)	Code Colour	Units/ bag	Units/ box	€/ box
357521	1	1/100	0.4	Yellow	100	1000	N/A -
357507	2	1/100	0.8	Green	100	1000	N/A -
357543	5	1/10	2.5	Blue	50	200	N/A -
357551	10	1/10	3.0	Red	50	200	N/A -
357525	25 + 7 ml	0.25	7.0	Violet	50	200	N/A -
357535	25 + 11 ml	0.5	11.0	Violet	50	200	N/A -
357550	50	1.0	10.0	Black	25	100	N/A -
357600	100	1.0	15.0	Black	5	50	N/A -

Sterile multi-pack

Cat. No.	Volume (ml)	Increments	Add.Grad. (ml)	Code Colour	Units/ bag	Units/ box	€/ box
357506	1	1/100	0.4	Yellow	25	1000	N/A -
357508	2	1/100	0.8	Green	25	1000	N/A -
357529	5	1/10	2.5	Blue	25	500	N/A -
357530	10	1/10	3.0	Red	25	500	N/A -
357515	25 + 7 ml	0.25	7.0	Violet	20	200	N/A -



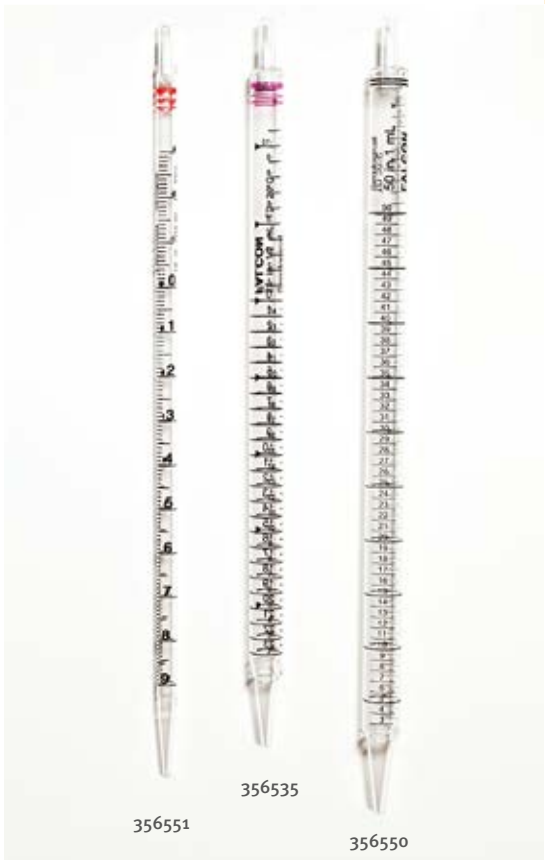
Falcon® Advantage™ Pipettes, 1 to 50 ml for cell culture

Advantage™ Pipettes, in thermally moulded packaging made entirely from plastic
Analysis certificates available by reference and batch number on request.

- Sterile
- With cotton
- Resistant packaging preserves the sterility
- 100% recyclable (environmental protection)
- Three possible openings
- Less particles at the opening
- Antistatic packaging

Pyro-genic — Cyto-toxic

Cat. No.	Volume (ml)	Increments	Add.Grad. (ml)	Code Colour	Units/ bag	Units/ box	€/ box
356521	1	1/100	0.4	Yellow	100	1000	N/A -
356507	2	1/100	0.8	Green	100	1000	N/A -
356543	5	1/10	2.5	Blue	50	200	N/A -
356551	10	1/10	3.0	Red	50	200	N/A -
356525	25 + 7 ml	0.25	7.0	Violet	50	200	N/A -
356535	25 + 11 ml	0.5	11.0	Violet	50	200	N/A -
356550	50	1.0	10.0	Black	25	100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

ClearLine® serology pipettes



- Made of crystal polystyrene
- Sterile
- Colour code

			Individual packaging paper/plastic				In bulk			
Vol. (ml)	Graduation (ml)	Colour code	Cat. No.	Units/ bag	Units/ box	€/ box	Cat. No.	Units/ bag	Units/ box	€/ box
1	0.01	Yellow	257000	100	1000	N/A -	257005	25	1000	N/A -
2	0.01	Green	257001	100	1000	N/A -	257006	25	1000	N/A -
5	0.1	Blue	257002	50	200	N/A -	257007	25	500	N/A -
10	0.1	Red	257003	50	200	N/A -	257008	25	500	N/A -
25	0.25	Magenta	257004	50	200	N/A -	257009	10	200	N/A -

Corning® Stripette® Pipettes



- Manufactured and packaged with animal-free material
- Sterile
- Anti-drip tip
- Large colour-coded bands for easy reading
- Three packaging options:
  - in individual paper/plastic packaging
  - in individual clear plastic packaging
  - in bulk
- Bidirectional gradations
- Negative graduations allow additional working volume
- Accuracy +/- 2% of capacity

Cyto-toxin · Pyro-genic · DNase RNase

Individual clear plastic packaging

Cat.No	Vol. (ml)	Gradations (ml)	Grad. (ml) négative	Code Colour	Units/ bag	Units/ box	€/ box
004011	1	1/100	0.2	Yellow	100	1000	N/A -
004012	1	1/100	0.2	Yellow	100	200	N/A -
004021	2	1/100	0.2	Green	100	1000	N/A -
004051	5	1/10	2.5	Blue	50	200	N/A -
004101	10	1/10	3	Orange	50	200	N/A -
004492	10	1/10	3	Orange	50	200	N/A -
004251	25	2/10	10	Red	50	200	N/A -
004501	50	1/2	10	Violet	25	100	N/A -
004484	100	1	NC	Water	10	100	N/A -



In bulk



In paper/plastic



Clear plastic

Individual Paper/plastic packaging

Cat.No	Vol. (ml)	Gradations (ml)	Grad. (ml) negative	Code Colour	Units/ bag	Units/ box	€/ box
004485	1	1/100	0.2	Yellow	50	1000	N/A -
004486	2	1/100	0.2	Green	50	1000	N/A -
004487	5	1/10	2.5	Blue	50	200	N/A -
004488	10	1/10	3	Orange	50	200	N/A -
004489	25	2/10	10	Red	25	200	N/A -
004490	50	1/2	10	Violet	25	100	N/A -
004491	100	1	NC	Water	10	100	N/A -

In bulk

Cat.No	Vol. (ml)	Gradations (ml)	Grad. (ml) negative	Code Colour	Units/ bag	Units/ box	€/ box
004010	1	1/100	0.2	Yellow	50	1000	N/A -
004020	2	1/100	0.2	Green	50	1000	N/A -
004050	5	1/10	2.5	Blue	50	500	N/A -
004100	10	1/10	3	Orange	50	500	N/A -
004250	25	2/10	10	Red	25	200	N/A -
004500	50	1/2	10	Violet	25	100	N/A -

Corning® Stripette® Pipettes, triple packaging



- Triple packaging: Individual Paper/plastic packaging
- Sterile SAL 10^{-6}

Cat.No	Vol. (ml)	Gradations (ml)	Grad. (ml) negative	Code Colour	Units/ bag	Units/ box	€/ box
007041	1	1/100	0.2	Yellow	50	1000	N/A -
007042	2	1/100	0.2	Green	50	1000	N/A -
007045	5	1/10	2.5	Blue	50	200	N/A -
007015	10	1/10	3	Orange	50	200	N/A -
007016	25	2/10	10	Red	25	200	N/A -
007017	50	1/2	10	Violet	25	100	N/A -
007000	100	1	NC	Water	10	100	N/A -

ClearLine® serology pipette

- Bidirectional gradations
- Negative gradations
- Sterilised by gamma rays 10^{-6}
- CE IVD
- Individual plastic / paper packaging
- Colour code: grey

CE · Pyro-genic · DNase RNase



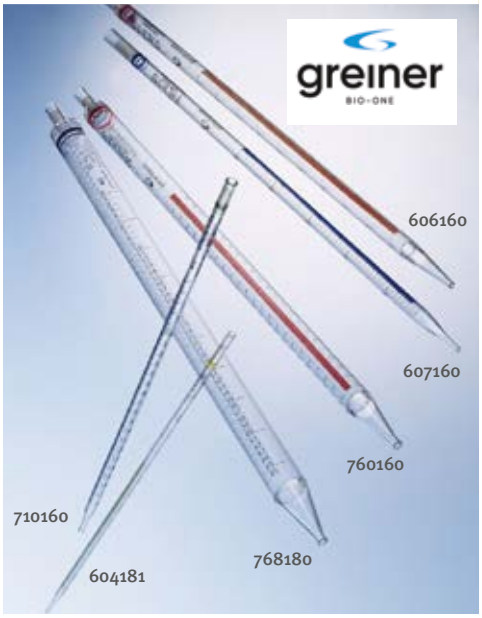
Cat.No.	Volume (ml)	Sterile	Packaging unit	Units/ bag	Units/ box	€/ box
390916	100	Yes	1	25	50	N/A -

Greiner Bio-One Sterile serology pipettes

Pipettes made of high quality and transparent polystyrene. Ideal for cell culture.

- Standardised colour code
- Fine tip for precise and comfortable pipetting on 1 ml, 2 ml and 5 ml volumes
- 1 and 2 ml pipettes: cottoned / other pipettes: cottoned with hydrophobic synthetic filter
- Plastic packaging - peelable paper or plastic - peelable plastic
- Packed by 25 or individually
- Gamma sterilised

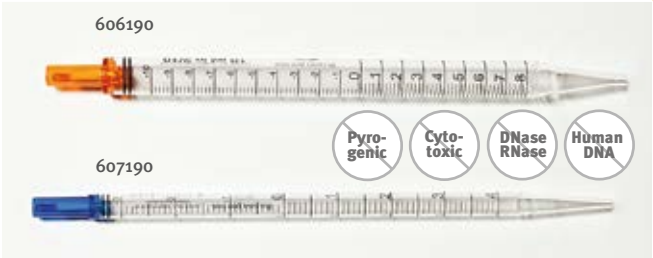
Pyro-genic · Cyto-toxic · DNase RNase · Human DNA



			Sterile plastic - paper unit packaging			Sterile plastic - plastic unit packaging			Sterile multi-pack of 25		
Volume (ml)	Grad. (ml)	Sur-grad.	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
1	1/100	0.2 ml	604181	1000	N/A -	604160	1000	N/A -	604107	1000	N/A -
2	1/100	0.3 ml	710180	1000	N/A -	710160	1000	N/A -	710107	1000	N/A -
5	1/10	2.5 ml	606180	200	N/A -	606160	200	N/A -	606107	500	N/A -
10	1/10	3 ml	607180	200	N/A -	607160	200	N/A -	607107	500	N/A -
25	2/10	10 ml	760180	200	N/A -	760160	200	N/A -	760107	200	N/A -
50	1/2	10 ml	768180	100	N/A -	768160	100	N/A -	-	-	-

Greiner Bio-One short plastic pipettes

- Made of crystal polystyrene
- Easy to handle in the fume hood or with a Pipet-Aid
- Same accuracy as a standard pipette
- Sterile in individual plastic packaging
- Length: 221.5 mm



Cat. No.	Volume	Graduation	Pack. unit	Units/ box	€/ box
606190	5 ml	1/10	1	200	N/A -
607190	10 ml	2/10	1	200	N/A -

Greiner Bio-One serology pipettes for GMP handling, triple packaging

- To simplify sterile handling in clean rooms
- Avoids decontamination steps with 70° alcohol or any other dedicated disinfectant



Cat. No.	Volume (ml)	Sterile	Units/ bag	Units/ box	€/ box
604160TRI	1	Yes	10	100	N/A -
710160TRI	2	Yes	10	100	N/A -
606160TRI	5	Yes	10	100	N/A -
607160TRI	10	Yes	10	100	N/A -
760160TRI	25	Yes	10	100	N/A -
768160TRI	50	Yes	10	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Nunc Serology Pipettes



- Single-use, cottoned, sterile pipettes
- Individually wrapped in peelable paper or plastic or in bulk
- SAL 10^{-4}
- Colour coded according to volume for easy identification

Cyto-toxin · Pyro-genic · DNase RNase

		Individual paper packaging				Individual plastic packaging				In bulk			
Colour code	Volume (ml)	Cat. No.	Units/ bag	Units/ box	€/ box	Cat. No.	Units/ bag	Units/ box	€/ box	Cat. No.	Units/ bag	Units/ box	€/ box
Yellow	1	056813B	100	1000	N/A -	056822B	100	1000	N/A -	056828B	50	1000	N/A -
Green	2	056814B	100	500	N/A -	056823B	100	500	N/A -	056829B	50	500	N/A -
Blue	5	056815B	50	200	N/A -	056824B	100	200	N/A -	056830B	25	200	N/A -
Blue	5 (short)	056856	200	200	N/A -	-	-	-	-	-	-	-	-
Orange	10	056816B	50	200	N/A -	056825B	100	200	N/A -	056831B	25	200	N/A -
Orange	10 (short)	056857	200	200	N/A -	-	-	-	-	-	-	-	-
Red	25	056817B	50	200	N/A -	056826B	100	200	N/A -	056832B	25	200	N/A -
Violet	50	056818B	25	100	N/A -	056827B	25	100	N/A -	056833B	25	100	N/A -

Nunc Serology Pipettes



- Single-use, cottoned, sterile pipettes
- Individually wrapped in peelable paper or plastic or in bulk
- SAL 10^{-6}
- Colour coded according to volume for easy identification

Pyro-genic

		Individual packaging Paper				Individual plastic packaging				In bulk			
Colour code	Volume (ml)	Cat. No.	Units/ bag	Units/ box	€/ box	Cat. No.	Units/ bag	Units/ box	€/ box	Cat. No.	Units/ bag	Units/ box	€/ box
Yellow	1	056813B	200	1000	N/A -	056822B	200	1000	N/A -	056828B	50	1000	N/A -
Green	2	056814B	125	500	N/A -	056823B	125	500	N/A -	056829B	50	500	N/A -
Blue	5	-	-	-	-	056824B	50	200	N/A -	056830B	50	200	N/A -
Blue	5 ml (short)	056856	200	200	N/A -	-	-	-	-	-	-	-	-
Orange	10	-	-	-	-	056825B	50	200	N/A -	-	-	-	-
Orange	10 ml (short)	056857	200	200	N/A -	-	-	-	-	-	-	-	-
Red	25	056817B	50	200	N/A -	056826B	50	200	N/A -	056832B	25	200	N/A -
Violet	50	-	-	-	-	056827B	25	100	N/A -	056833B	25	100	N/A -

Eppendorf Serology Pipettes

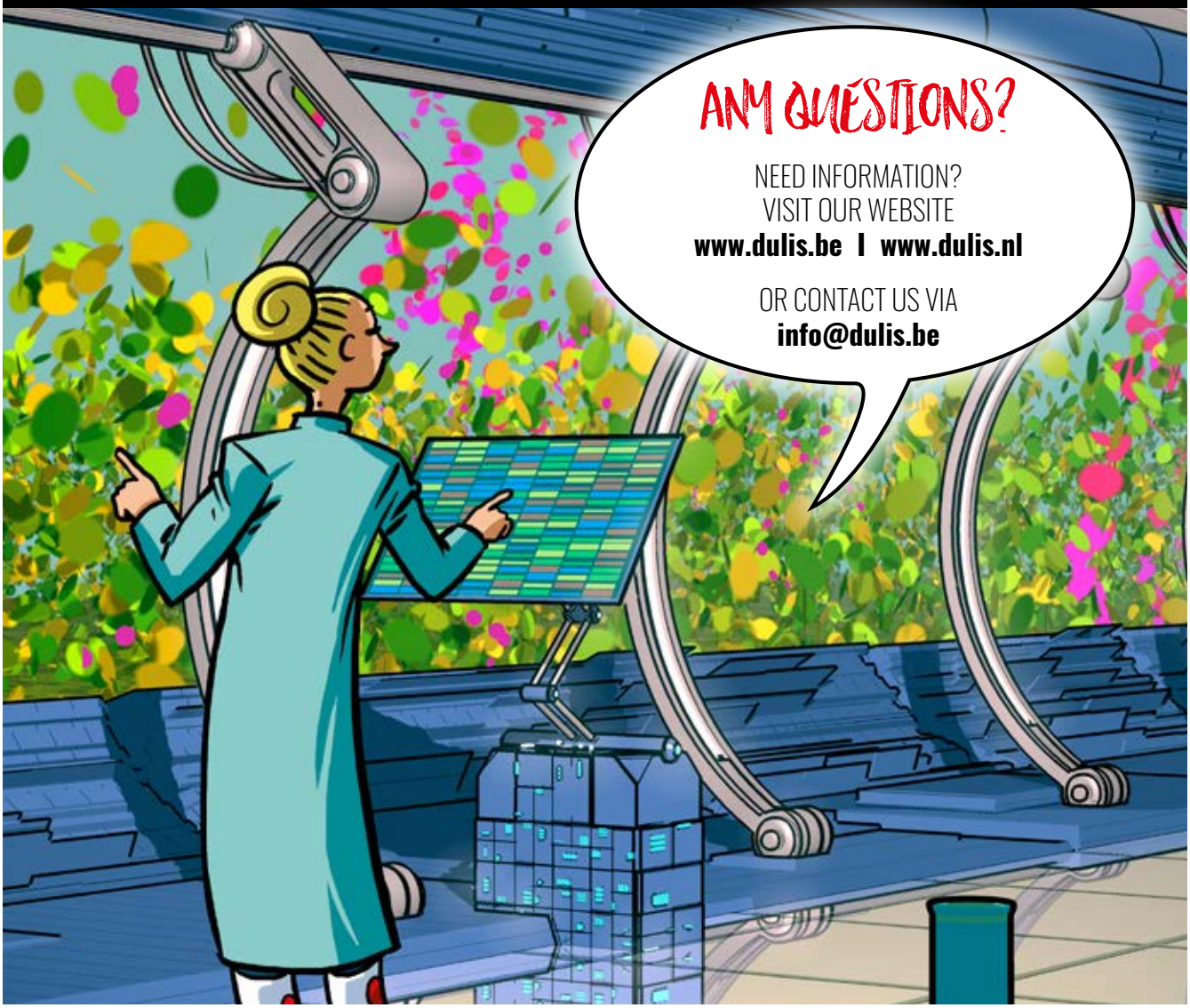


- Made of transparent virgin polystyrene, USP IV compliant
- Clear and precise gradations
- Standardised colour code
- Sterile (SAL 10^{-6}), unit packaging

Pyro-genic · Cyto-toxic · DNase RNase · DNA

Cat. No.	Vol. (ml)	Gradations (ml)	Add.Grad. (ml)	Length (mm)	Code Colour	Units/ bag	Units/ box	€/ box
933177	1	0.01	- 0.2	277	Yellow	200	800	N/A -
933178	2	0.02	- 0.8	277	Green	150	600	N/A -
933179	5	0.1	- 3	338	Blue	100	400	N/A -
933180	10	0.1	- 3	338	Orange	100	400	N/A -
933181	25	0.2	- 9	343	Red	50	200	N/A -
933182	50	0.5	- 6	343	Violet	40	160	N/A -

WELCOME TO DULIS



CUSTOMER SERVICE & PURCHASING



Véronique VAN DEN BOSSCHE,
Customer Care Coordinator.

SERVICE, RESPONSIVENESS AND AVAILABILITY
ARE PART OF OUR DAILY PRIORITIES.

TO **FOLLOW UP YOUR ORDERS, PRODUCTS AVAILABILITY, DEADLINES**, please contact your advisor by email:
orders@dulis.be

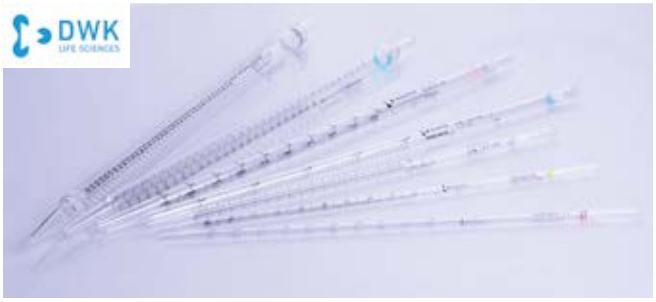
Véronique VAN DEN BOSSCHE is ready to help you with all your questions: **quotation requests, offers & prices.**

Do not hesitate to contact her at **+32 81 94 66 00**
or by email **veronique.vandenbossche@dulis.be**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Wheaton® serology pipettes



- In polystyrene USP class VI compliant
- Sterile (SAL 10^{-6})
- Manufactured in an ISO class 8 cleanroom
- With cotton
- Bidirectional gradations
- Negative gradations allow additional working volume

Pyro-genic · Cyto-toxic · DNase RNase · Human DNA

				Unit packaging plastic paper				Loose in a plastic bag				Loose in a cardboard box			
Colour code	Volume (ml)	Gradations (ml)	Negative gradations (ml)	Cat. No.	Units/ bag	Units/ box	€/ box	Cat. No.	Units/ bag	Units/ box	€/ box	Cat. No.	Units/ bag	Units/ box	€/ box
Red	1	0.1	0.3	**055893**	200	1000	N/A -	**055905**	25	1000	N/A -	-	-	-	-
Yellow	1	0.01	0.3	**055894**	200	1000	N/A -	**055906**	25	1000	N/A -	**055900**	50	500	N/A -
White	2	0.01	0.3	**055896**	125	500	N/A -	**055908**	25	500	N/A -	**055901**	50	500	N/A -
Blue	5	0.1	2	**055898**	50	200	N/A -	**055910**	25	500	N/A -	**055902**	50	500	N/A -
Orange	10	0.1	3	**055892**	50	200	N/A -	**055904**	25	500	N/A -	**055899**	50	500	N/A -
Orange	10*	0.1	3	-	-	-	-	**055903**	25	500	N/A -	-	-	-	-
Green	25	0.2	10	**055895**	50	200	N/A -	**055907**	10	200	N/A -	-	-	-	-
Violet	50	0.5	10	**055897**	25	100	N/A -	**055909**	10	100	N/A -	-	-	-	-

*Wide opening for viscous samples.

Serology Pipettes



- Made of crystal polystyrene USP VI
- Examples of RNase, DNase, pyrogens, BSE, TSE
- Negative gradations
- Sterile (gamma irradiation)

DNase RNase

				Sterile unit packaging peelable paper/plastic				Sterile, multi-pack			
Vol. (ml)	Tip Type	Grad. (ml)	Colour code	Cat.No	Units/ bag	Units/ box	€/ box	Cat.No	Units/ bag	Units/ box	€/ box
1	Standard	0.01	Yellow	**041145**	100	1000	N/A -	**041151**	25	1000	N/A -
1.1	Standard	-	-	-	-	-	-	**041159**	25	1000	N/A -
2	Standard	0.01	Green	**041146**	100	1000	N/A -	**041152**	25	1000	N/A -
2.2	Standard	-	-	-	-	-	-	**041160**	25	1000	N/A -
5	Standard	0.1	Blue	**041147**	50	200	N/A -	**041153**	25	500	N/A -
10	Standard	0.1	Red	**041148**	50	200	N/A -	**041154**	25	500	N/A -
10	Large	0.1	Red	**041157**	50	200	N/A -	**041158**	25	500	N/A -
25	Standard	0.25	Magenta	**041149**	50	200	N/A -	**041155**	20	200	N/A -
50	Standard	-	Black	**041150**	20	100	N/A -	-	-	-	-

Sterilin Sterile serology pipettes

- Graduated cottoned pipettes made of highly transparent polystyrene
- Accuracy: +/- 1 %
- Endotoxin level below 0.01 EU/ml
- Standardised colour code, double graduation
- Lot number on each box
- Negative gradations for over-capacity
- Gamma-sterilised, in individual paper/plastic pack, all-plastic pack or multi-pack



Standard pipettes

		Unit packaging/ peelable paper			All plastic unit packaging			Multi-pack			
Volume (ml)	Grad.	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ bag	Units/ box	€/ box
1	1/100	**001623**	1000	**N/A -**	**090919**	1000	**N/A -**	**001632**	50	1000	**N/A -**
2	1/100	**001687**	1000	**N/A -**	**090923**	1000	**N/A -**	**-**	-	-	**-**
5	1/10	**001628**	200	**N/A -**	**090902ST**	200	**N/A -**	**-**	-	-	**-**
5 (fine tip)	1/10	**-**	-	**-**	**090910ST**	200	**N/A -**	**-**	-	-	**-**
10	1/10	**001629**	500	**N/A -**	**090903ST**	500	**N/A -**	**001627**	25	500	**N/A -**
10 (fine tip)	-	**-**	-	**-**	**090921**	500	**N/A -**	**-**	-	-	**-**
25	1/5	**001630**	200	**N/A -**	**090904ST**	200	**N/A -**	**-**	-	-	**-**
50	1	**001631**	50	**N/A -**	**090905**	50	**N/A -**	**-**	-	-	**-**

Eco Sterilin Plastic serology pipettes

- Graduated cottoned pipettes made of highly transparent polystyrene
- Colour coded, double graduation
- In individual sterile plastic pack, in sterile multipack or in non-sterile bulk
- Negative gradations for over-capacity



		All plastic sterile unit packaging			Sterile multi-pack				Non-sterile, non-cottoned bulk packaging		
Vol. (ml)	Grad.	Cat.No	Units/ box	€/ box	Cat.No	Units/ bag	Units/ box	€/ box	Cat.No	Units/ box	€/ box
1	1/100	**090900K**	1000	**N/A -**	**090906K**	25	1000	**N/A -**	**-**	-	**-**
2	1/100	**090901K**	1000	**N/A -**	**090907K**	25	1000	**N/A -**	**-**	-	**-**
5	1/10	**090902K**	500	**N/A -**	**090908**	25	500	**N/A -**	**040035**	1500	**N/A -**
10	1/10	**090903**	500	**N/A -**	**090909**	25	500	**N/A -**	**040030**	800	**N/A -**
25	1/5	**090904**	200	**N/A -**	**-**	-	-	**-**	**-**	-	**-**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Sterile suction pipettes



- In polystyrene
- Available in 3 sizes
- Sterile, bulk or individually wrapped

	Bulk sterile				sterile Individual pack.		
Volume (ml)	Cat.No	Units/ bag	Units/ box	€/ box	Cat.No	Units/ box	€/ box
1	978351	100	400	N/A -	978354	400	N/A -
2	978352	100	400	N/A -	978355	400	N/A -
5	978353	50	200	N/A -	978356	200	N/A -

Wide mouth serology pipettes



- Individual packaging
- Sterile, cottoned
- Ideal for thick, viscous liquids or solutions containing particles that can block standard pipettes

Cat. No.	Volume (ml)	Units/ box	€/ box
841413	1	500	N/A -
841414	2	500	N/A -
841415	5	200	N/A -
841416	10	200	N/A -

Pipettes d'aspiration Falcon® Suction pipettes

FALCON

Pyro-genic



Sterile pipettes, on cottoned, non graduated. Safer alternative to Pasteur pipettes.

- In polystyrene
- Sterile, individual packaging

Cat. No.	Vol. (ml)	Length (mm)	ø (mm)	Units/ box	Units/ box	€/ box
357558	2	252	6.3	50	200	N/A -
357501	5	348	8	50	200	N/A -

Straw pipettes



Polypropylene straw pipettes, sterile or non-sterile, non graduated. Ideal for food sampling.

Cat. No.	Vol. (ml)	Sterile	Long. (mm)	int/ext ø (mm)	Pack unit.	Units/ box	€/ box
041110	1.1	Yes	190	3.7 / 4.3	25	1000	N/A -
041115	2.2	Yes	240	3.7 / 4.3	25	1000	N/A -
041116	5	Yes	186	6.55 / 7.05	10	3600	N/A -

Corning® Glass pipettes with gradation, single use



Pipettes in borosilicate Pyrex glass

Cat. No.	Volume (ml)	Graduation (ml)	Length (mm)	Pack unit.	Units/ box	€/ box
Sterile pipettes, cottoned, single pack						
041200	1	1/100	290	1	200	N/A -
041201	2	1/100	290	1	180	N/A -
041202	5	1/10	290	1	120	N/A -
041203	10	1/10	290	1	100	N/A -
Sterile pipettes, cottoned, multi-pack						
041211	1	1/100	290	50	250	N/A -
041213	5	1/10	290	30	240	N/A -
041214	10	1/10	290	20	120	N/A -
Non-sterile pipettes, without cotton, multi-pack						
041220	1	1/100	290	50	250	N/A -
041221	2	1/100	290	35	175	N/A -
041222	5	1/10	290	30	240	N/A -
041223	10	1/10	290	20	120	N/A -

Short glass pipettes for single use

- In borosilicate Pyrex glass
- Sterile
- Compact size: ideal for work in a fume hood
- With cotton
- Easy to read gradations



Cat.No	Vol. (ml)	Approx. length (mm)	Gradations range (ml)	Sub-packaging	Units/ box	€/ box
041247	1	220	0.01	Individual	250	N/A -
041248	5	220	0.1	Individual	200	N/A -
041249	10	224	0.2	Individual	200	N/A -
041250	25	270	0.2	Individual	200	N/A -
041306	1	220	0.01	20	500	N/A -
041310	50	358	0.5	5	50	N/A -

BRAND® glass volumetric pipettes

Soda lime glass pipette AR-Glas®, DIN 12690.
Class B or AS.

- Brown (class B) or blue (class AS) marking
- One or two gauge lines
- Very high accuracy



		1 line, class B			1 line, class AS			2 lines, class AS		
Volume (ml)	Length (mm)	Cat. No.	Tolerance (± ml)	€	Cat. No.	Tolerance (± ml)	€	Cat. No.	Tolerance (± ml)	€
0.5	300	090559	0.007	N/A -	090570	0.005	N/A -	090589	0.005	N/A -
1	300	090560	0.010	N/A -	090571	0.008	N/A -	090590	0.008	N/A -
2	330	090561	0.015	N/A -	090572	0.010	N/A -	090591	0.010	N/A -
2.5	330	-	-	-	090573	0.010	N/A -	-	-	-
3	330	-	-	-	090574	0.010	N/A -	090592	0.010	N/A -
4	400	-	-	-	090575	0.015	N/A -	-	-	-
5	400	090563	0.025	N/A -	090576	0.015	N/A -	090593	0.015	N/A -
6	400	-	-	-	090577	0.015	N/A -	-	-	-
7	400	-	-	-	090578	0.015	N/A -	-	-	-
8	440	-	-	-	090579	0.02	N/A -	-	-	-
9	440	-	-	-	090580	0.02	N/A -	-	-	-
10	440	090564	0.030	N/A -	090581	0.02	N/A -	090594	0.02	N/A -
15	510	-	-	-	090582	0.03	N/A -	090595	0.03	N/A -
20	510	090566	0.040	N/A -	090583	0.03	N/A -	090596	0.03	N/A -
25	520	090567	0.040	N/A -	090584	0.03	N/A -	090597	0.03	N/A -
30	520	-	-	-	090585	0.03	N/A -	-	-	-
40	540	-	-	-	090586	0.05	N/A -	-	-	-
50	540	090568	0.070	N/A -	090587	0.05	N/A -	090598	0.05	N/A -
100	585	090569	0.120	N/A -	090588	0.08	N/A -	-	-	-

BRAND precision glass pipettes

Soda lime glass pipette AR-Glas®, DIN 12697.
Class AS. Very high accuracy (compliance

- Blue enamelled gradation
- Partial flow (scale 0 to 10 ml + the tip) or total flow (scale 0 to 10 ml to the tip)
- Zero up



			Total flow			Partial flow	
Volume (ml)	Graduation (ml)	Length (mm)	Cat. No.	Tolerance (± ml)	€	Cat. No.	€
0.5	0.01	360	090599	0.006	N/A -	090611B	N/A -
1	0.01	360	090600	0.007	N/A -	090612	N/A -
1	0.10	360	090601	0.007	N/A -	-	-
2	0.01	360	090602	0.010	N/A -	090613	N/A -
2	0.02	360	090603	0.010	N/A -	090614	N/A -
2	0.10	360	090604	0.010	N/A -	-	-
5	0.05	360	090605	0.030	N/A -	090615	N/A -
5	0.10	360	090606	0.030	N/A -	-	-
10	0.10	360	090607	0.05	N/A -	090616	N/A -
20	0.10	360	090608	0.1	N/A -	-	-
25	0.10	450	090609	0.1	N/A -	090617	N/A -
50	0.50	450	090610	0.2	N/A -	-	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

Volumetric glass pipettes, safety bulb, class A



- Complete range of volumetric pipettes with 1 and 2 gauge lines
- Includes a safety bulb
- Easy to identify the volume thanks to the colour code
- Class A
- Compliant with ISO 835 and ISO 648.
- Indelible print in amber
- Made of soda-lime glass to ensure perfect wetting

					1 line		2 lines	
Vol. (ml)	Tol. (± ml)	Flow time	Colour	L. (mm)	Cat.No	€	Cat.No	€
1	0.008	10 - 20 s.	Blue	300	001715B	N/A -	001723B	N/A -
2	0.010	10 - 25 s.	Orange	330	001716B	N/A -	001724B	N/A -
5	0.015	15 - 30 s.	White	400	001717B	N/A -	001725B	N/A -
10	0.02	15 - 40 s.	Red	440	001718B	N/A -	001726B	N/A -
20	0.03	25 - 50 s.	Yellow	510	001719A	N/A -	001727B	N/A -
25	0.03	25 - 50 s.	Blue	520	001720A	N/A -	001728A	N/A -
50	0.05	30 - 60 s.	Red	540	001721B	N/A -	001729B	N/A -
100	0.08	40 - 60 s.	Yellow	585	001722B	N/A -	001730B	N/A -

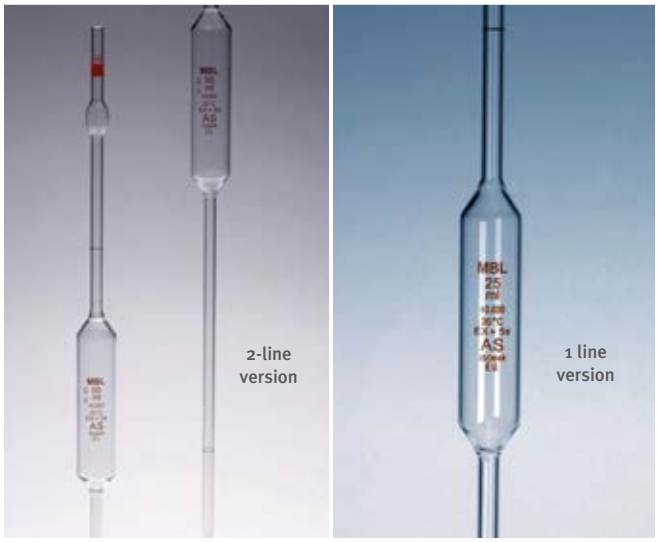
Graduated glass pipettes, with safety bulb, class A



- Complete range of graduated full flow pipettes
- Zero up or zero down
- Includes a safety bulb
- Easy to identify the volume thanks to the colour code
- Class A
- Compliant with ISO 835 and ISO 648 standards
- Blue indelible screen printing
- Made of soda-lime glass to ensure perfect wetting

						zero up			zero down		
Vol. (ml)	Grad. (ml)	Tol. (± ml)	Time flow	Colour	L. (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
1	0.1	0.007	5 - 7 s.	Yellow	360	001701B	1	N/A -	001708B	1	N/A -
2	0.1	0.010	6 - 9 s.	Green	360	001702B	1	N/A -	001709B	1	N/A -
5	0.1	0.030	8 -11 s.	Red	360	001703B	1	N/A -	001710B	1	N/A -
10	0.1	0.05	10 - 13 s.	Orange	360	001704B	1	N/A -	001711B	1	N/A -
20	0.1	0.1	11 - 16 s.	Yellow	360	001705B	1	N/A -	001712B	1	N/A -
25	0.1	0.1	11 -16 s.	White	395	001706B	10	N/A -	001713B	1	N/A -
50	0.1	0.25	20 -25 s.	Orange	635	001707B	10	N/A -	001714B	5	N/A -

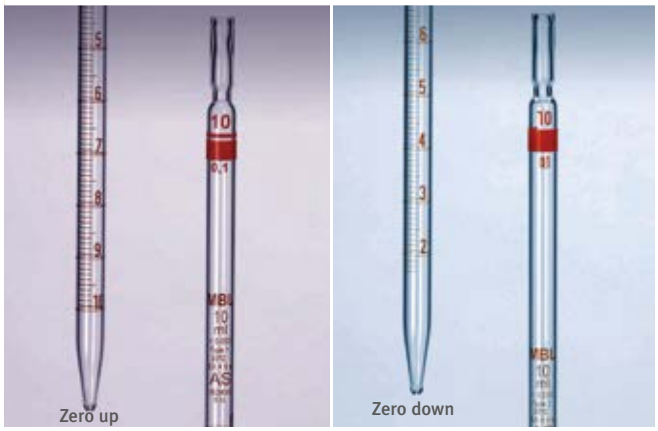
Volumetric glass pipettes class AS



- Soda-lime glass
- Calibrated
- Printed code for downloading certificates
- Indelible screen printing in amber
- Compliant with ISO 648 and ISO 12691 standards
- 2-line version with safety bulb

Capacity (ml)	Flow time	Tolerance (± ml)	2 lines		1 line	
			Cat. No.	€ 2 units	Cat. No.	€ 2 units
1	7-11 s.	0.008	232684	N/A -	232692	N/A -
2	7-11 s.	0.010	232685	N/A -	232693	N/A -
5	9-13 s.	0.015	232686	N/A -	232694	N/A -
10	11-15 s.	0.020	232687	N/A -	232695	N/A -
15	12-16 s.	0.030	-	-	232696	N/A -
20	12-16 s.	0.030	232688	N/A -	232697	N/A -
25	15-20 s.	0.030	232689	N/A -	232698	N/A -
50	20-25 s.	0.050	232690	N/A -	232699	N/A -
100	25-30 s.	0.080	232691	N/A -	232700	N/A -

Graduated glass pipettes class AS



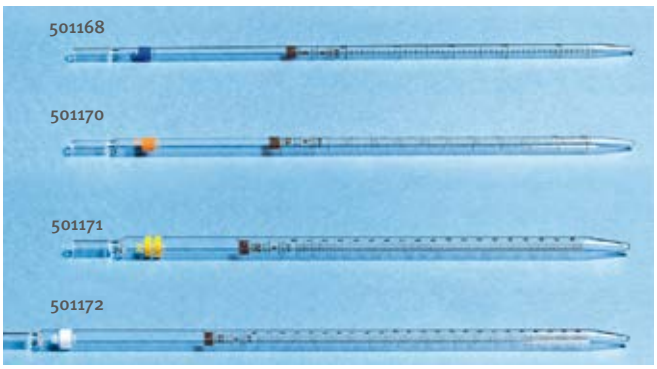
- Soda-lime glass
- Calibrated
- Indelible screen printing in amber
- Complies with ISO 835 standards

Capacity (ml)	Flow time	Grad. (ml)	Tolerance (± ml)	Zero up		Zero down	
				Cat.No	€ 2 units	Cat.No	€ 2 units
1	4-10 s.	0.01	0.007	232701	N/A -	232706	N/A -
2	4-10 s.	0.02	0.010	232702	N/A -	232707	N/A -
5	7-13 s.	0.05	0.030	232703	N/A -	232708	N/A -
10	7-13 s.	0.10	0.050	232704	N/A -	232709	N/A -
25	11-17 s.	0.10	0.100	232705	N/A -	232710	N/A -

Hirschmann glass graduated pipettes

Cat. No.	Volume (ml)	Graduation (ml)	Units/ box	€/ box
501162	0.5	0.01	12	N/A -
501163	1	0.01	12	N/A -
501164	1	0.1	12	N/A -
501165	2	0.01	12	N/A -
501166	2	0.02	12	N/A -
501167	2	0.1	12	N/A -
501168	5	0.05	12	N/A -
501169	5	0.1	12	N/A -
501170	10	0.1	12	N/A -
501171	20	0.1	6	N/A -
501172	25	0.1	6	N/A -
501173	50	0.2	6	N/A -

- Class B
- Soda-lime glass
- Amber gradation
- Zero up
- Complies with the DIN EN ISO 835 standard
- Certificate of conformity with dated batch number
- Graduated to the tip (total flow)





Find cleaning kits and pipette rinsers on www.dulis.nl

Pipette trays

- Made of cross-linked high density polyethylene
- Base in PPCO
- Rigid and resistant
- Ideal for soaking glassware, washing pipettes
- Wide base for greater stability
- Supplied with dust covers

Cat. No.	For pipettes of max. length (mm)	H x ø (mm)	€
029844	406	514 x 165	N/A -
029831	610	686 x 165	N/A -
029832	813	914 x 175	N/A -



Pipette holder basket

- High density polyethylene
- Solid and robust
- Cushions the pipettes
- Perforated grid at 2 cm from the bottom for complete drainage
- 133 mm diameter basket

Cat. No.	Max. pipette length (mm)	Height with handle (mm)	€
029839	203	375	N/A -
029721	406	578	N/A -
029840	610	781	N/A -



Pipette rack

Holder for polystyrene or glass pipettes.

- With 4 inclined shelves for 4 volumes of pipettes
- Capacity: up to 94 pipettes
- Can be fixed to a wall
- In ABS with magnetised surface
- Dim.: 290 x 85 x 410 mm

Cat.No.	Description	€
037618	Blue rack for 94 pipettes	N/A -



Vertical pipette holder

- Up to 8 pipettes with a diameter of less than 10 mm and more than 8 pipettes with a diameter of less than 15 mm
- Made of polypropylene
- Base with drainage holes

Cat.No	Description	€
391521	Vertical pipette holder, 200 x 75 x 150 mm (L x W x H)	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Holder for 94 pipettes



- Made of polypropylene
- Rolling support
- For 94 pipettes
- ø x H: 230 x 470 m

Cat.No	Description	€
391522	Holder for 94 pipettes	N/A -

Vertical pipette rack



Rack for vertical storage of 50 pipettes (5 x 10).
The bottom tray prevents the pipette from touching the bench.

- Carrying handle
- Autoclavable polypropylene
- ø of openings: 16 mm
- L x W x H: 213 x 114 x 232 mm

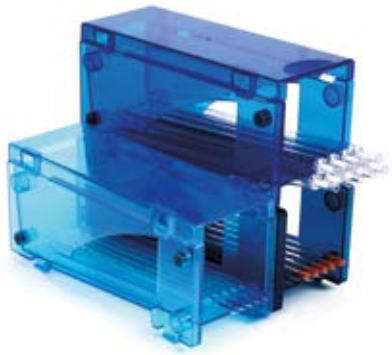
Cat.No	Description	€
085898	Rack for 50 pipettes up to 25 ml	N/A -

Tilted plexiglas stand for 6 pipettes



Cat.No	Description	€
065231	Tilted plexiglas stand for 6 pipettes	N/A -

Pipette rack



- Stackable horizontally or vertically
- 3 colours of transparent blue
- L x W x H: 301 x 100 x 127.5 mm

Cat.No	Description	€
037984	Pipette rack	N/A -

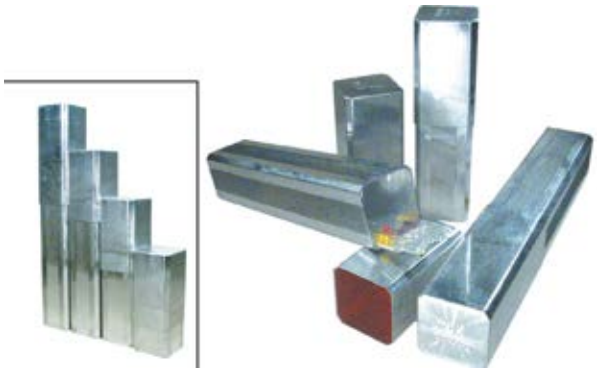
Rack for pipettes



- In blue acrylic
- L x W x H (mm): 292 x 89 x 401

Cat. No.	Description	€
141377	Rack for pipettes	N/A -

Sterilisation boxes for pipettes



- For autoclaving glass and Pasteur pipettes
- Aluminium with internal silicone coating
- Depth x height: 65 x 65 mm

Cat. No.	Length (mm)	Compatibility	€
041300	150 - 240	Pasteur pipettes up to 170 mm	N/A -
041301	230 - 320	230 mm Pasteur Pipettes	N/A -
041302	310 - 400	Graduated pipettes up to 20 ml	N/A -
041303	310 - 450	Graduated pipettes from 20 to 50 ml	N/A -

Pipetting bulbs and rubber sampling caps

Pipetting bulbs

- Made of natural rubber
- Equipped with 3 valves
- For glass and plastic pipettes
- Universal bulb: long neck, for pipetting up to 100 ml
- Standard bulb: short neck, for pipetting up to 10 ml

Colour	Red	Green	Blue	Yellow	Black	€
Universal bulbs	090270	090298	092021	092022	092027	N/A -
Standard bulbs	090288	092023	092024	092025	092026	N/A -

Flip pipetting bulb

- Made of natural rubber
- Automatic drain valve
- For pipetting up to 100 ml
- Red

Cat. No.	Description	€
090289	Flip Pipetting bulb	N/A -

Sampling caps

Made of rubber, long life. For use with glass or plastic pipettes.

Volume (ml)	5 ml
Colour	Grey
Cat. No.	042252B
€	N/A -


Sampling cap



Red rubber sampling bulbs

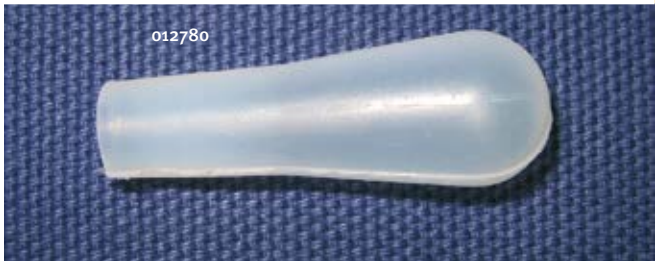
Cat.No	Vol. (ml)	Long. (mm)	Ø (mm)	Opening (mm)	€
037763	15	56	34	4	3.44 -
037764	30	66	46	6	5.59 -
037765	60	80	54	6	6.23 -
037766	150	103	73	6	19.71 -



Sampling teats

Versilic Silicone teats

Cat. No.	Description	Units/ box	€/ box
012780	Versilic Silicone teats	25	N/A -



Coloured silicone teats

Volume (ml)	Red	Green	Blue	Yellow	Natural	Units/ box	€/ box
1	910627	-	910626	910625	910624	10	N/A -
2	910632	910630	910631	910629	910628	5	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Pipetting device





Pipetting device for all volumetric and graduated pipettes from 0.1 to 200 ml.

- Suction: once the bulb is compressed, the lever is operated to suck up the liquid, with easy speed control.
- Distribution: the liquid is discharged by lowering the lever.
- Purge: By pressing the rubber button, the last drops (meniscus) are ejected from the pipette.

Blue	Pink	Green	Grey	€
092475	092476	092474	092473	N/A -

Accessories

Cat.No	Description	Units/ box	€/ box
092480	Filter membrane 3 µm (PP, PTFE), non-sterilised	1	N/A -
042350	Filter membrane 3 µm (PP, PTFE), non-sterilised	10	N/A -
092379	Adapter (silicone), 44 mm length	1	N/A -
092478	Adapter box (PP), 49 mm length	1	N/A -
092479	Suction bellows (silicone), screw ring (PP)	1	N/A -
092481	Valve system (PP, PTFE, silicone)	1	N/A -

Blue pipetting device



- **Dimensions (mm) 230 x 54 x 54**
- **Ergonomic handle**
- **Compatible with plastic or glass serological pipettes from 1 to 100 ml**
- **Control of the suction/distribution speed by means of a T-bar**
- **2 extra tips (green and blue) included**
- **45 µm hydrophobic filter**
- **PP tip and silicone adapter are autoclavable**

Cat.No.	Description	€
320554	Blue pipetting device	N/A -

Pipetting aid



- **Comfortable and easy to use**
- **Precise pipetting control**
- **Robust and lightweight**
- **Easy maintenance**
- **Suitable for volumetric and graduated pipettes, glass or plastic, from 0.1 to 100 ml**
- **Replaceable 3 µm Spare filter**

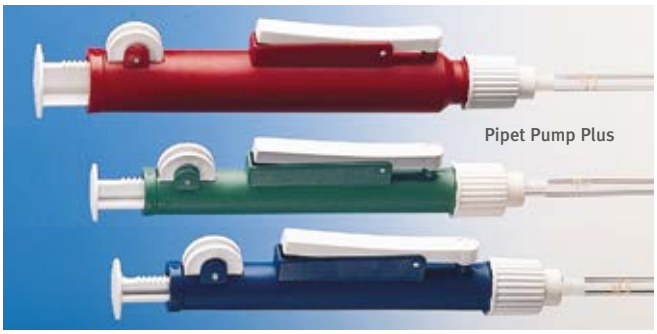
Colour	Blue	Red	Green	Yellow	€
Cat. No.	861000B	861001B	861002B	861003B	N/A -

Accessory

Cat. No.	Description	€
861005	Spare filter 3 µm	N/A -

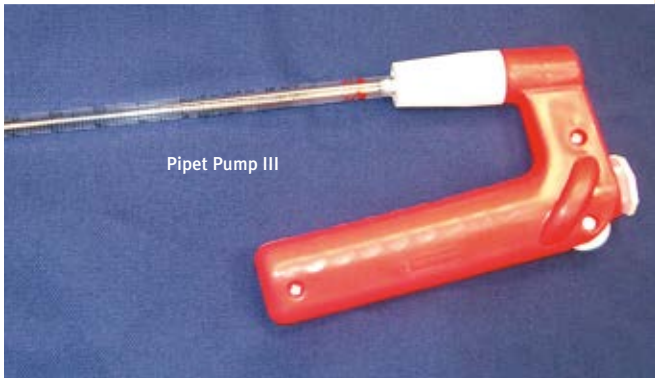
Pipet Pump





Economical manual pipettor for all pipettes from 0.2 ml to 25 ml.
The Pipet Pump draws in and dispenses volume by simply turning the side knob. The Pipet Pump Plus has a faster dispensing lever and ejection of the last drop from the pipette.

	Pipet Pump standard		Pipet Pump Plus	
Volume (ml)	Cat. No.	€	Cat. No.	€
0.2	060601	N/A -	-	-
2	060602	N/A -	045862	N/A -
10	060603	N/A -	045863	N/A -
25	060604	N/A -	045864	N/A -



Pipet-Pump III

- With a dispensing wheel that allows for even pipetting or dispensing of the liquid
- Available in 3 sizes: for 2, 10 and 25 ml pipettes
- For glass or plastic pipettes
- Resistant to bases, acids and solvents
- Easily removable for cleaning
- Two models: with "quick dispensing" button or without

Pipet-Pump III				Pipet-Pump III rapid dispensing			
Cat. No.	For pipettes	Colour	€	Cat. No.	For pipettes	Colour	€
085012	2 ml	Blue	N/A -	085009	2 ml	Blue	N/A -
085013	10 ml	Green	N/A -	085010	10 ml	Green	N/A -
085014	25 ml	Red	N/A -	085011	25 ml	Red	N/A -

ClearLine® Pipette Controller

- For plastic and glass pipettes from 0.5 to 100 ml
- Lightweight, ergonomic
- Adjustable suction and delivery speeds
- Autoclavable nosepiece at 121 °C

Cat.No.	Description	€
060863	ClearLine® Pipette Controller	N/A -

Supplied with:

- base load;
- 0.2 µm PTFE filter;
- Battery Ni-MH AA 1300 mAh 2.4 V;
- Wall mount.



Accessories

CatNo.	Description	€
060873	Replacement nosepiece	N/A -
060874	Silicone tip pipette holder	N/A -
060875	Hydrophobic PTFE filter 0.2 µm	N/A -
060877	Connector joint	N/A -
060878	Charging station	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Corning® ® Stripettor Ultra Pipette Controller



Cat. No. 0004998 - 3-position charging stand



- Ergonomic
- Compatible with plastic and glass pipettes from 0.5 to 100 ml
- Supplied with 3 x 0.2µm filters, 3 x nosepieces, wall rack, charger and 3 position charging stand

Cat. No.	Description	€
004099	Corning Stripettor Ultra Pipette controller	N/A -

Accessories

Cat.No	Description	€
004991	PTFE hydrophobic filter 0.2 µm (5 units)	N/A -
004992	PTFE hydrophobic filter 0.45 µm (5 units)	N/A -
004993	Silicone fixing cone	N/A -
004997	Set of coloured tips (orange, yellow, green, red)	N/A -
0004998	3-position charging stand	N/A -

Falcon® Pipette Controller



- Lightweight, ergonomic design for exceptional comfort
- Suitable for pipettes from 1 ml to 100 ml
- LCD display for quick viewing of charge indicator, speed selection
- Supplied with charging base, universal charger, 3 batteries, 2 x 0.2 µm and 2 x 0.45 µm filters

Cat. No.	Description	€
357469	Falcon® Pipette Controller	322 -

Replacement filters

Cat. No.	Description	€ 5 uni.
357472	Hydrophobic PTFE filter 0.2 µm	N/A -
357473	Hydrophobic PTFE filter 0.45 µm	N/A -

Pipette Controller MaxiPette Sapphire



- Ergonomic design for easy pipetting
- Variable speed control
- Cordless and rechargeable
- Up to 8 hours of continuous operation
- Supplied with charger, stand, extra filter and replacement lithium battery

Cat. No.	Description	€
847070	MaxiPette Sapphire Pipette Controller	N/A -

BasicPipette Pipette Controller

- Universal 9V battery-powered Pipette Controller (cordless)
- For any pipette from 1 ml to 100 ml
- Variable speed
- Ejection of the liquid by gravity or by pushing
- Rechargeable battery
- Plastic Resistant to UV



Cat. No.	Description	€
888100	Basic Pipette Controller	N/A -

Filters

Cat. No.	Description	€ 10 units
888108	Filters for Basic Pipette	N/A -

Midi Plus Pipette Controller

- Rechargeable, wireless, lightweight
- Can be used with all plastic and glass pipettes from 1 to 100 ml thanks to interchangeable fittings
- For use with Pasteur pipettes
- For use with Proline tips 5 and 10 ml
- Linear speed control
- Speed adjustment by variable pressure on the control buttons
- Integrated folding support



Cat. No.	Description	Packaging unit	€
710931	Midi Plus Pipette controller	1	N/A -
070955	Non-sterile replacement filter 0.45 µm (autoclavable hydrophobic filter)	5	N/A -
070666	Proline tip 5 ml bevelled 150 mm	100	N/A -
070485	Proline tip 5 ml bevelled 150 mm	1000	N/A -
070668	Proline tip 10 ml	100	N/A -
070952	Silicone adaptor + nosepiece for tip 5 ml	1	N/A -
070953	Silicone adaptor + nosepiece for tip 10 ml	1	N/A -



Enter the Cat. No. on dulis.nl to find the Sartorius guide: influence of tips on pipetting.

Levo Plus Pipette Controller

- For any pipette from 1 to 100 ml
- Adjustable speed
- Battery autonomy: 8 hours
- LCD screen with battery level display and programmed speed
- Supplied with adapter and wall mount



Cat. No.	Description	€
861051B	Levo Plus Pipette Controller	N/A -

Accessories

Cat. No.	Description	€
861052	Charger	N/A -
861053	Lithium battery	N/A -
861054	0.45 µm filter	N/A -

RF 1000 Manual Pipette Controller

- With suction bulb handle
- For all pipettes from 1 to 100 ml
- With hydrophobic filter 0.45 µm
- Autoclavable polypropylene nosepiece
- ABS case, silicone bulb
- Dimensions: 180 x 45 x 120 mm
- Supplied with filter and magnetic holder to be mounted on a magnetic bracket or wall mounted



Cat. No.	Description	€
037977	Manual RF Pipette controller 1000	N/A -
320187	Replacement filters (5 unit)	N/A -
037979	Silicone pipette replacement holder 1 - 100 ml	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Pipet-Aid®









Pipette controller and reagent dispenser for glass and plastic pipettes from 1 to 100 ml. The Pipet-Aid is the most widely used pipette controler in the world: its reliability, robustness and ease of maintenance make it the most renowned instrument in its category.

4 models form a complete family:

- Pipet-Aid XP2: ergonomic design; comfortable to hold; charging while handling, thanks to the new charger; ultra-quiet pump; supplied with 4 additional filters, holder and charger;
- Pipet-Aid: is the basic instrument, light, autonomous, wireless;
- Pipet-Aid XP: faster, more compact, more functions, delivered with support;
- Pipet-Aid XP Gravity: identical to Pipet-Aid XP with an additional gravity function (gravity dispensing, without pushing). Gravity system, useful in cell culture to avoid peeling off a cell mat.

	Pipet-Aid XP2	Pipet-Aid	Pipet-Aid XP	Pipet-Aid XP Gravity
Rechargeable battery 9 V	Yes	Yes	Yes	Yes
Filtering nosepiece for culture	Yes	Yes	Yes	Yes
Speed	3 speeds*	1 speed (normal)	3 speeds*	3 speeds* + gravity
Pipettes accepted	1 to 100 ml	1 to 100 ml	1 to 100 ml	1 to 100 ml
Cat. No	**075212**	**075001**	**075002**	**075003**
€ of Pipet-Aid (complete with charger)	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* (normal, slow, fast)

Spare nose

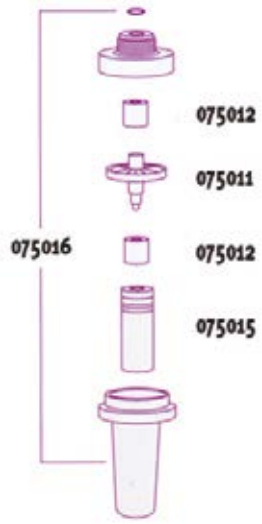
Colours	Black	Rede	Green	Blue	Orange	Violet	Yellow	Assorted	Nosepiece for XP2
Cat. No.	**075004**	**075005**	**075006**	**075007**	**075008**	**075009**	**075109**	**075010**	**075213**
Units/box	1	2	2	2	2	2	2	6	1
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Spare parts

Cat. No.	Description	€
Parts common to all 4 Pipet-Aid models		
075011	Hydrophobic filter 0.8 µm (5 units)	**N/A -**
075233	Hydrophobic sterile filter 0.8 µm (5 units)	**N/A -**
075015	Silicone end pipette holder (2 units)	**N/A -**
Common parts to Wireless Pipet-Aid and Pipet-Aid Hood Mate		
075012	Filter holding gasket (2 units)	**N/A -**
075013	Battery 9 V	**N/A -**
075014	Power supply charger 220 V	**N/A -**
075016	Complete culture nosepiece with 4 filters	**N/A -**
075131	Complete valve + 2 buttons for Pipet-Aid XP	**N/A -**
075132	Complete valve + 2 buttons for Pipet-Aid XP Gravity	**N/A -**
075133	Valve only for Pipet-Aid	**N/A -**
075776	Hydrophobic filter 0.2 µm (5 units)	**N/A -**
Spare parts for Pipet-Aid XP2		
075214	Filter lock	**N/A -**
075215	Filter connections	**N/A -**
075216	Removable stand for Pipet-Aid XP2	**N/A -**
075195	Batteries	**N/A -**

Pipet-Aid XP2: Even better performance!





Pipet-Aid XL

- Pipet -Aid with extended handle for effortless handling under SMP and laminar flow hoods
- Stand-alone or rechargeable during operation
- 3 speeds
- With an adjustable spigot for a secure hold of the pipette
- A stand allows the Pipet-Aid to be placed with an embedded pipette
- More powerful and quieter pump
- Supplied complete with charger, 4 spare filters and wall rack



Cat. No.	Description	€
075194	Pipet-Aid XL	N/A -

Accessories

Cat. No.	Description	€
075195	Batteries	N/A -
075196	Charger + 4 adapters (US, EU, UK, Australia)	N/A -
075012	Filter holding gasket (2 units)	N/A -
075015	Silicone pipette holder (2 units)	N/A -
075004	Spare nosepiece, black	N/A -
075265	Spare nosepiece, gray	N/A -

Pipet-Aid® Hood Mate™

Especially for hoods.
Practical, without the need for recharging, the Pipet-Aid Hood Mate never leaves its workstation under the hood.

- Extremely light
- Precise, proportional control to the press of a button
- Dedicated external pump, designed to be mounted in the hood
- Without battery, the pump is connected directly to the mains
- Special culture nosepiece with filter (identical to the portable Pipet-Aid)



Cat. No.	Description	€
075017	Pipet-Aid Hood Mate	N/A -

Pipet-Aid® with external pump

Mains connected threaded pipette with external pump and/or external double filter, total guarantee against contamination.

- Dual filter removes 100% of particles and drops larger than 0.1 µm, preventing engine contamination
- Protection against liquid backflow in the handle (valve)
- Fully autoclavable handle (motor is external)



Cat. No.	Description	€
075018	Pipet-Aid with pump without filter	N/A -
075020	Pipet-Aid with pump and culture nosepiece with internal filter	N/A -
075019	Pipet-Aid with pump and external double filter	N/A -
075174	Pipet-Aid with pump and external double filter and internal filter culture nosepiece	N/A -

Spare parts

Cat. No.	Description	€
075021	Safety valve	N/A -
075022	Double hose (1.5 m)	N/A -
075027	Complete filter kit	N/A -
075023	Balston DFV internal filter (2 units)	N/A -
075024	Pump diaphragm	N/A -
075025	Hose connection (2 units)	N/A -
075026	Complete pipette stand nosepiece	N/A -
075015	Silicone end pipette holder (2 units)	N/A -
075011	Hydrophobic filter 0.8 µm for culture nosepiece(5 units)	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Xpress pipet-Aid



- Lightweight, compact, powerful
- Optimised grip
- 3 operating speeds for suction and distribution
- Xpress" speed for faster and more powerful distribution
- Alignment gradations mark (only with some pipettes)
- Pipettes from 1 to 100 ml can be used
- Removable stand
- Self-blocking valve
- Nosepiece lock system
- Supplied with charger, stand and filters

Cat. No.	Description	€
075231	Xpress pipet-Aid	N/A -

Accessories

Cat. No.	Description	€
075011	Hydrophobic filter 0.8 µm (5 units)	N/A -
075012	Filter holding gasket (2 units)	N/A -
075013	Battery 9 V	N/A -
075014	Power supply charger 220 V	N/A -
075015	Silicone end pipette holder (2 units)	N/A -

Pipette controller S1







- For any pipette from 0.5 to 100 ml
- Long-life, rechargeable battery
- Supplied with wall mount (446324), holder (446325), charger (446326) and 1 ml pipette holder (446328)

Colour	White	Transparent	Blue	Red	Green	€
Cat. No.	446300	446301	446302	446303	446304	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
446305	Filter 0.45 µm	25	N/A -
446322	Complete Nosepiece with filter	1	N/A -
446323	Silicone pipette holder	4	N/A -
446324	Wall mount	1	N/A -
446325	Rack	1	N/A -
446326	Charger	1	N/A -
446327	Removable holder	1	N/A -
446328	Pipette holder 1 ml	1	N/A -



446327: removable holder

Pipetus Pipette filler





- Ergonomic design
- Suitable for graduated, volumetric and Pasteur pipettes from 0.1 to 200 ml
- Gravity discharge (EX function) or blowing out (BlowOut function)
- Quiet, low vibration
- Autonomy: one week of pipetting
- Coloured LED display indicating the settings
- Autoclavable (without PTFE seal)
- Supplied with charger, wall mount and 0.2 µm PTFE membrane filter
- 2 models: Pipetus Akku (5 pipetting speeds) and Pipetus Reddot (2 pipetting speeds)

Cat. No.	Description	€
500975	Pipetus Reddot	N/A -
090546	Pipetus Akku with charging cradle	N/A -
500979	Set of 5 filters with one-sided assembly	N/A -

Macroman Gilson® Pipette controller

- Range from 0.1 to 100 ml
- Optimal speed control via push button or thumbwheel
- Display for Battery charge and Speed of suction and distribution
- Ergonomic, excellent grip
- Adjustable stand on the nosepiece side of the pipette controller
- Supplied with instructions for use, universal charger (4 adapters), bench charging stand, wall mount, 0.22 µm hydrophobic sterile filter



Cat. No.	Description	€
066560D	Macroman Pipette controller	N/A -

Spare parts

Cat. No.	Description	€
070192	Load support for bench top	N/A -
070193	Wall mount, blue	N/A -
070194	Magnetic wall mount	N/A -
070195	Standard filter 0.22 µm (10 units)	N/A -
070196	Sterile filter 0.22 µm (10 units)	N/A -
070197	Standard filter 0.45 µm (10 units)	N/A -
070198	Sterile filter 0.45 µm (10 units)	N/A -
070199	Power supply unit	N/A -
067510	Lithium battery	N/A -
067511	Pipette nosepiece, blue	N/A -
067512	Adjustable side support	N/A -
067513	Pipette adapter	N/A -

Omega Zen Pipette controller

- Lightweight: 190 g
- Ergonomic shape
- Resistant to UV
- Adjustable speed
- LED battery status display
- Low force push buttons reduce operator fatigue
- Also works with the charger connected
- Supplied with charger, wall mount, instructions for use, labels



Colour	Grey	Blue	Violet	€
Cat.No	141137B	141140B	141142B	N/A -

Eppendorf Easypet 3 Pipette controller

- Very light, well balanced: comfortable grip, no fatigue
- High-powered motor, efficient even with 100 ml pipettes
- Fingertip adjustable speeds with excellent sensitivity for fast and safe working
- Latest generation battery: 6 hours working time
- Illuminated charge indicator, possibility to work while charging
- Supplied complete with charger, wall mount, removable stand (for safe bench top storage), and 2 x 0.45µm membrane filters
- Warranty: 2 years



Cat. No.	Description	€
933004	Easypet 3 Pipette controller	N/A -
033942	Sterile membrane filter 0.45 µm (5 units)	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Calibrex Dispensers



Calibrex® Dispenser 530 solutae



Calibrex® Dispenser 525 organo

- Choice of dispensing volume by graduated slider on both sides
- Integrated calibration system
- Autoclavable assembled (at 121 °C)
- 360° rotation of the dispenser
- The parts in contact with the liquid are chemically inert
- Correctness (Rel. Err. %): Min vol. ‹ ± 1.5 % , med vol. ‹ ± 1.1 % , max vol. ‹ ± 0.6 %
- Accuracy (CV %): Min vol. ‹ ± 0.5 % , med vol. ‹ ± 0.35 %, max vol. ‹ ± 0.1 %
- Delivered with:
  - base 45 mm diameter;
  - cap and spout: 90 mm for 1 to 10 ml models / 120 mm for 25 to 100 ml models;
  - suction hose 350 mm;
  - three connections: GL 28, 32 and 40 for 1 to 10 ml models / GL 32, 38 and 40 for 25 to 100 ml models;
  - calibration certificate and operation manual
- Warranty: 2 years

Calibrex® 530 solutae Dispensers/ 1 ml to 100 ml

Borosilicate glass cylinder, piston with PFA coating.
Suitable for saline solutions, strong and weak acids and bases. Red.

		Without tap		With tap	
Volume (ml)	Division (ml)	Cat.No.	€	Cat.No.	€
0.1 - 1	0.02	061995	N/A -	061999	N/A -
0.25 - 2.5	0.05	061996	N/A -	062000	N/A -
0.5 - 5	0.1	061997	N/A -	350342	N/A -
1 - 10	0.2	061998	N/A -	350343	N/A -
2.5 - 25	0.5	061842	N/A -	061953	N/A -
5 - 50	1	061843	N/A -	061954	N/A -
10 - 100	1	061844	N/A -	061955	N/A -



Version with tap

See accessories on www.dulis.nl

Calibrex® 525 organo Dispenser / 1 ml to 100 ml

Frosted glass piston, borosilicate glass cylinder.
Suitable for organic solutions, non-crystallising acids and basic solutions. Yellow.

				Without tap		With tap	
Vol. (ml)	Division (ml)	Spout Length (mm)	Supplied with neck adapters	Cat.No	€	Cat.No	€
0.1 - 1	0.02	90	GL 28, GL 32, GL 40	061987	N/A -	061991	N/A -
0.25 - 2.5	0.05			061988	N/A -	061992	N/A -
0.5 - 5	0.1			061989	N/A -	061993	N/A -
1 - 10	0.2			061990	N/A -	061994	N/A -
2.5 - 25	0.5	120	GL 32,	061845	N/A -	061950	N/A -
5 - 50	1		GL 38,	061846	N/A -	061951	N/A -
10 - 100	1		GL 40	061847	N/A -	061952	N/A -

Calibrex 520 digital dispensers



- Adjustable volume pre-calibrated dispenser
- Quick and precise selection of each volume
- Dispenser can rotate 360°
- Can be quickly dismantled without tools
- Autoclavable fully assembled
- High impact and chemical resistance
- Glass cylinder and piston with PFA coating
- Easy calibration by the user

Calibrex 520 digital dispensers / 2 ml, 5 ml and 10 ml

3 models in a volume range from 0.25 to 10 ml. The instrument can be screwed directly onto laboratory bottles thanks to its standard thread of 32 mm and its 3 adapters (28, 40, 45 mm).

Fixed volume			Variable volume			
Cat.No	Volume (ml)	€	Cat.No	Volume (ml)	Division (ml)	€
061281	2	N/A -	061018	0.25 - 2	0.05	N/A -
061282	5	N/A -	061019	1 - 5	0.1	N/A -
061283	10	N/A -	061020	1 - 10	0.25	N/A -

Accessories

CatNo.	Description	€
985191	Telescopic FEP suction tube 150 - 255 mm	N/A -
985192	Telescopic FEP suction tube 195 - 345 mm	N/A -
061074	Extension for Calibrex 520 and 521 (20 ml)	N/A -
061024	Calibrex 520 dispenser holder up to 50 ml	N/A -
061025	Remote sample holder 50 ml	N/A -
061026	Remote sample holder 100 ml	N/A -

See fittings on www.dulis.nl

Acurex digital dispensers

- Fully protected mechanism inside the unit
- Graduated column retractable during refrigerated storage
- Autoclavable fully assembled
- Materials in contact with the liquid are inert
- Springless valve system
- Glass cylinder and piston with PTFE coating



Acurex 501 compact dispensers

4 models from 0.2 ml to 30 ml, supplied with yellow glass flask.

Cat. No.	Volume (ml)	Division (ml)	Capacity Flask (ml)	€
061027	0.2 - 2.0	0.1	250	N/A -
061028	0.2 - 2.0	0.1	1000	N/A -
061029	0.2 - 2.0	0.1	2000	N/A -
061030	0.4 - 5.0	0.2	500	N/A -
061031	0.4 - 5.0	0.2	1000	N/A -
061032	0.4 - 5.0	0.2	2000	N/A -
061033	1 - 10.0	0.2	1000	N/A -
061034	1 - 10.0	0.2	2000	N/A -
061035	1 - 30.0	1.0	2000	N/A -

Accessories

Cat. No.	Description	€
061036	PTFE 60 cm extension tube for 1 and 2 litre tanks	N/A -
061686	Replacement brown glass bottle, 2.5 litre	N/A -

Eppendorf Dispensers Varispenser® 2 / Varispenser® 2X

- Dispensers for 0.5 to 100 ml flasks
- Good chemical resistance
- Suitable for a wide range of liquids, including corrosive and flammable liquids
- Varispencer 2X: return distribution valve prevents loss of reagent during priming as well as an easy calibration function
- Fully autoclavable
- Distribution block rotates 360 °
- Exit valve with secure ball closure that prevents liquid leakage when dispensing cannula is unassembled



				Varispenser® 2		Varispenser® 2X	
Volume (ml)	For neck (mm)	Reducers supplied	Increment (ml)	Cat.No	€	Cat.No	€
0.2 to 2	32	28, 40, 45	0.05	033580B	N/A -	033586B	N/A -
0.5 to 5	32	28, 40, 45	0.1	033581B	N/A -	033587B	N/A -
1 to 10	32	28, 40, 45	0.2	033592B	N/A -	033588B	N/A -
2.5 to 25	45	32, 38, 40	0.5	033610B	N/A -	033589B	N/A -
5 to 50	45	32, 38, 40	1	033584B	N/A -	033590B	N/A -
10 to 100	45	32, 38, 40	2	033585B	N/A -	033591B	N/A -

Accessory

Cat. No.	Description	€
999570	Threaded adapter for GL 45 to GL 32 bottles, ETFE	N/A -

DispensMate reagent dispenser

Cat. No.	Volume (ml)	Graduation (ml)	Accuracy (%)	€
861070B	0.5 - 5	0.1	0.1 %	N/A -
861071B	1 - 10	0.2	0.1 %	N/A -
861073B	5 - 50	1.0	0.1 %	N/A -

- Quick and precise volume control
- Drip cap for added safety
- Easy to clean
- Suitable for GL45 bottles (optional adapters)
- Fully autoclavable at 121 °C



Accessory

Cat. No.	Description	€
861074	Bottle 1 l GL45 in amber glass	N/A -

DispensMate Adapters

For bottle	S40	GL32	GL38	GL25	GL28
Cat. No.	861075	861076	861077	861078	861079B
€	N/A -	N/A -	N/A -	N/A -	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Ceramus Hirschmann Dispensers



Liquid dispensers with ceramic plunger and 360° fully movable head, for dispensing solutions from 0.2 ml to 60 ml.

- **Ceramic piston, guaranteeing excellent chemical resistance, without erosion or swelling**
- **Borosilicate glass cylinder 3.3 calibrated**
- **No loss of reagent thanks to a backflow system**
- **Sterilisation: fully autoclavable at 121 °C / 2 bar**
- **Variable volume control by digital steps**
- **Can be used from 4 °C to 50 °C**
- **Certificate of conformity**

Delivered with:
- Adapters: A 45 (mounted), A 32, A38 and S40;
- pTFE hoses;
- mounting key;
- certificate.



Cat. No.	Volume (ml)	Subdivision (ml)	Accuracy (R%)	Reproducibility (CV%)	€
090532	0.2 - 1	0.05	0.6	0.2	N/A -
090533	0.4 - 2	0.05	0.5	0.1	N/A -
090534	1 - 5	0.1	0.5	0.1	N/A -
090535	2 - 10	0.25	0.5	0.1	N/A -
090536	5 - 30	0.5	0.5	0.1	N/A -
090537	10 - 60	1	0.5	0.1	N/A -

Accessory: grey rubber bottle holder

Cat. No.	Description	€
502093	Holder for all bottles with a diameter of 75 to 120 mm	N/A -

Dispensette S Brand



- **Dispenser suitable for all reagent bottles**
- **Adjustable, dispensette rotates 360°**
- **Easy disassembly for cleaning**
- **Autoclavable at 121 °C**
- **Supplied with adapters, certificate, suction tube and mounting key**

Nominal capacity (ml)	Adapters supplied for suction bottles (mm)	Tube length
1, 2, 5, 10	GL 24-25,GL 28/S 28, GL 32-33, GL 18, S40	125-240
25, 50, 100	GL 32-33, GL 38, S 40	170-330

	Analogue Dispensette with valve		Analogue Dispensette without valve		Easy calibration Dispensette with valve		Easy calibration Dispensette without valve	
Dispensed volume (ml)	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
0.1 - 1	090094B	N/A -	090093B	N/A -	-	-	-	-
0.2 - 2	090096B	N/A -	090095B	N/A -	090119B	N/A -	090118B	N/A -
0.5 - 5	068818B	N/A -	090097B	N/A -	068817B	N/A -	090120B	N/A -
1 - 10	090099B	N/A -	090098B	N/A -	092408B	N/A -	090121B	N/A -
2.5 - 25	090106B	N/A -	090105B	N/A -	092409B	N/A -	090122B	N/A -
5 - 50	090558B	N/A -	090107B	N/A -	092410B	N/A -	090252B	N/A -
10 - 100	090109B	N/A -	090108B	N/A -	-	-	-	-

Finnpipette Dispenser



Reagent flasks dispenser.

- **6 models for dispensing solutions from 0.2 ml to 60 ml**
- **Fully autoclavable without disassembly (121 °C - 2 bar)**
- **Volume adjustment by a notched scale ring**
- **Ceramic piston and Duran glass cylinder**
- **FEP suction and discharge hose**
- **Inert materials (FEP, ECTFE, ceramic, Hostelloy, Duran glass)**
- **Supplied with certificate of conformity**
- **Can be used from 4 °C to 50 °C**

Delivered with adapters for bottles: A32 (mounted), A28, S4 and A45, FEP suction hose, mounting key, certificate of conformity with serial number.

Cat. No.	Description	€
047914	Finnpipette dispenser 0.2 to 1 ml	N/A -
047915	Finnpipette dispenser 0.4 to 2 ml	N/A -
047916	Finnpipette dispenser 1 to 5 ml	N/A -
047917	Finnpipette dispenser 2 to 10 ml	N/A -
047918	Finnpipette dispenser 5 to 30 ml	N/A -
047919	Finnpipette dispenser 10 to 60 ml	N/A -

Corning® Reagent dispensers

- 3-position rotating nosepiece: dispense, retrieve and empty
- Precise and repeatable volume control with lock button
- Anti-drip system
- Easy calibration by the user
- 360° rotation
- Autoclavable at 121 °C

Delivered with 4 adapters:
- 2.5, 5 and 10 ml model: GL25, GL 28, GL40 and GL45
- 25, 50 and 100 ml model: GL25, GL 28, GL38 and GL45/32



Cat.No	Volume (ml)	Increment (ml)	For neck (mm)	€
006840	0.25 - 2.5	0.05	32	N/A -
006841	0.5 - 5	0.1	32	N/A -
006842	1 -10	0.2	32	N/A -
006843	2.5 - 25	0.5	45	N/A -
006844	5 - 50	1	45	N/A -
006845	10 - 100	2	45	N/A -

Polypropylene adapters

Cat.No	Description	€
006871	Adapter GL32/GL25	N/A -
006872	Adapter GL32/GL28	N/A -
006873	Adapter GL32/GL38	N/A -
006874	Adapter GL32/GL40	N/A -
006875	Adapter GL32/GL45	N/A -
006876	Adapter GL45/GL32	N/A -

Optifix® Dispensers



Fortuna Basic®
- PTFE piston
- Fixed adapter in white PP

Supplied with:
- 2 PP adapters GL 40 + 45
- 1 PTFE dip tube



Fortuna Universal®
- PTFE Piston and cylinder
- Fixed PTFE adapter

Supplied with:
- 2 PP adapters GL 40 + 45
- 1 PTFE dip tube



Fortuna Solvent®
- Glass piston
- White PP Fixed adapter

Supplied with:
- 2 PP adapters GL 40 + 45
- 1 PTFE dip tube



Fortuna Safety®
- PTFE Piston with sealed lip
- Fixed PTFE adapter

Supplied with:
- 2 PP adapters GL 40 + 45
- 1 PTFE dip tube



Fortuna Safety S®
- PTFE Piston with sealed lip
- Fixed PTFE adapter
- With safety valve
- Ventilation tube

Supplied with:
- 2 PP adapters GL 40 + 45
- 1 PTFE dip tube

		Fortuna Basic		Fortuna Universal		Fortuna Solvent		Fortuna Safety		Fortuna Safety S	
Volume (ml)	Gradations (ml)	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
0.4 - 2	0.1	320242	N/A -	-	-	320287	N/A -	320358	N/A -	320362	N/A -
1 - 5	0.1	320280	N/A -	320354	N/A -	320288	N/A -	-	-	320363	N/A -
2 - 10	0.2	320243	N/A -	320355	N/A -	320254	N/A -	320359	N/A -	320364	N/A -
6 - 30	0.5	320281	N/A -	320356	N/A -	320289	N/A -	-	-	320365	N/A -
10 - 50	1	320282	N/A -	320357	N/A -	320290	N/A -	320360	N/A -	320366	N/A -
20 - 100	2	320283	N/A -	-	-	320291	N/A -	320361	N/A -	320367	N/A -
40 - 200	5	320284	N/A -	-	-	320292	N/A -	-	-	-	-
60 - 300	5	320285	N/A -	-	-	320293	N/A -	-	-	-	-
100 - 500	5	320286	N/A -	-	-	320294	N/A -	-	-	-	-

Optifix Dispensers Adapters

Type neck	GL 25	GL 28	GL 30	GL 33	GL 36	GL 38	GL 40	GL 45	GL 52	GL 55	GL 60	GL 65
PP Adapter	320300	320301	320263	320302	320303	320304	320305	320306	320307	320308	320309	320310
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
PTFE Adapter	320313	320314	320316	320317	320318	320319	320320	320321	320323	320324	320326	320329
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

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Dosilab bottle dispenser



- Quick and precise volume control
- Guaranteed reproducibility thanks to the scale
- Complete liquid transfer without bubbles
- Full recovery of the liquid in the drain tube by turning the dispenser spout by 180°
- Compatible with bottles with a GL30 neck
- Autoclavable at 121 °C for 20 minutes
- Set of adapters for other collars sold separately (Cat. No. 391605)
- CE conformity

Cat. No.	Dispensed volume (ml)	€
391575	0.2 - 2.5	N/A -
391576	0.5 - 5	N/A -
391577	1 - 10	N/A -
391578	2.5 - 30	N/A -
391579	5 - 60	N/A -
391580	10 - 100	N/A -

Accessory

Cat. No.	Description	€
391605	Additional set of adapters GL 28, 32, 36, 40 and 45 mm	N/A -

GILSON® Dispensman™ Dispensers



- For all types of liquids
- User-friendly calibration
- Many types of bottle adapters available
- Universal chemical compatibility for a wide variety of applications
- Fully autoclavable at 121 °C
- 3-position rotating nosepiece: dispense, recycle (to remove air from the cylinder without losing reagent), empty

			Maximum allowable error				
			Gilson		ISO 8655-5		
Cat. No.	Volume (ml)	Graduation (ml)	Errors systematic (ml)	Error random (ml)	Error systematic (ml)	Error random (ml)	€
070179	0.25 - 2.5	0.05	± 0.012	≤ 0.002	± 0.030	≤ 0.010	N/A -
070180	0.5 - 5	0.10	± 0.030	≤ 0.005	± 0.030	≤ 0.010	N/A -
070181	1 - 10	0.20	± 0.060	≤ 0.010	± 0.060	≤ 0.020	N/A -
070182	2.5 - 25	0.50	± 0.150	≤ 0.025	± 0.150	≤ 0.050	N/A -
070183	5 - 50	1	± 0.300	≤ 0.050	± 0.300	≤ 0.100	N/A -

Opus Dispensers



- Electronic dispensers, 100 - 240 V, with touchscreen control module
- Available in 10 ml, 20 ml and 50 ml
- Certificate of conformity
- RS232 or USB interface
- Suitable for A 45 mm bottle
- Supplied with adapters A32, A38 and S40, 1 suction hose with union nut, 1 discharge unit, 1 power cable, 1 data cable, 1 operating instructions, 1 installation key

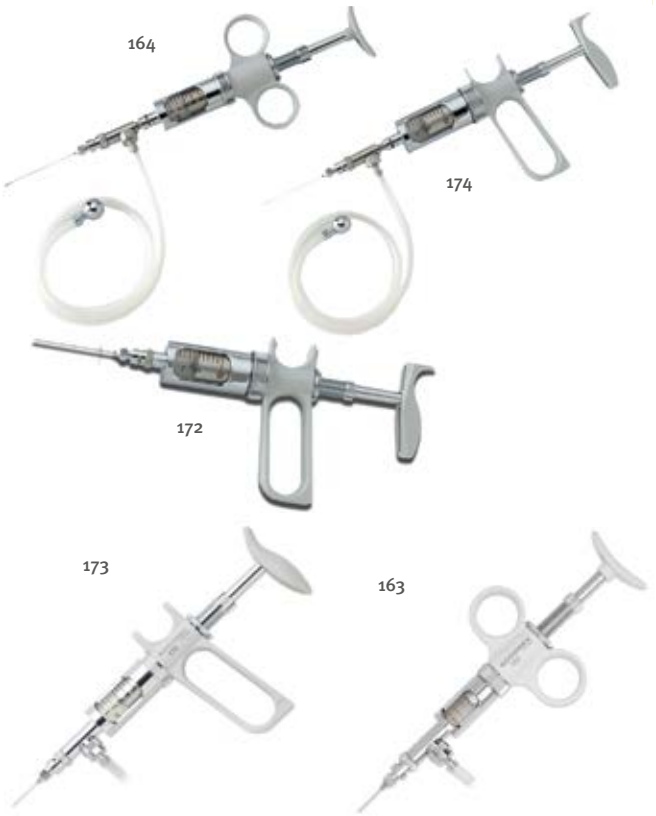
Cat.No.	Volume (ml)	Accuracy (R%)	Reproducibility (CV%)	€
502098	10	0.6	0.2	N/A -
502099	20	0.6	0.2	N/A -
502027	50	0.6	0.2	N/A -

Socorex Dosys: automatic dispensing syringes

Automatic metal/glass syringes without seal, for repetitive dispensing.

- **Autoclavable without disassembly**
- **Ergonomic shape, excellent grip**
- **Low maintenance**
- **Luer Lock Tip**
- **Equipped with a two-way valve**
- **Interchangeable ground glass cylinder**
- **Reliable volume control with safety dial**
- **Automatic spring return of the piston**
- **Perfectly suited for dispensing sterile agar**
- **Ideal for filtration**
- **Supplied with 1 m silicone hose**
- **Accessories available on request**

SOCOREX SWISS



Premium" syringes with detachable valve and lever handle (model 174) or with rings (model 164), or "Basic" without valve (models 172)

Syringes with detachable valve and anti-corrosion piston.
Supplied without needle.

- **Detachable valve, better chemical resistance of the piston**
- **4 models from 0.1 to 10 ml**
- **Piston with superior corrosion resistance**
- **Stainless steel two-way valve, detachable**
- **Supplied with 1m silicone hose**
- **Ideal as a sampling syringe**
- **Model 172: for single-shot dispensing, without valves, tubes or accessories**

		Models 164		Models 174		Models 172	
Handle type		Rings		Stand		Stand	
Volume (ml)	Division (ml)	Cat. No.	€	Cat. No.	€	Cat. No.	€
0.1 - 1	0.05	**061090**	**N/A -**	**061044**	**N/A -**	**061086**	**N/A -**
0.3 - 2	0.1	**061091**	**N/A -**	**061045**	**N/A -**	**061087**	**N/A -**
0.5 - 5	0.5	**061092**	**N/A -**	**061046**	**N/A -**	**061088**	**N/A -**
1 - 10	1.0	**061093**	**N/A -**	**061047**	**N/A -**	**061089**	**N/A -**

Syringe holder

- **Holder for 1 automatic syringe 170/160 series**
- **Space saving**
- **Easy grip on the syringe**

Cat. No.	Description	€
061048	Holder for 1 automatic syringe 170/160	**N/A -**

"Classic" syringes with integrated valve (models 173 or 163)

Fixed valve syringes for automatic dispensing and filling. Supplied without needle. Model 163: 2 Rings.

		Models 163		Models 173	
Handle type		Rings		Stand	
Volume (ml)	Division (ml)	Cat. No.	€	Cat. No.	€
0.025 - 0.3	0.025	**061071**	**N/A -**	**061037**	**N/A -**
0.025 - 0.3	0.025	**061071**	**N/A -**	**061037**	**N/A -**
0.1 - 1.0	0.05	**061070**	**N/A -**	**061039**	**N/A -**
0.3 - 2.0	0.1	**061073**	**N/A -**	**061040**	**N/A -**
0.5 - 5.0	0.5	**061715**	**N/A -**	**061041**	**N/A -**
1.0 - 10.0	1.0	**061716**	**N/A -**	**061042**	**N/A -**
5.0 - 20.0	1.0	-	-	**061043**	**N/A -**

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Hamilton Microlab 600 dispensers and dilutors







- High precision semi-automatic dispensing pump with syringe
- Simplified graphical user interface
- Designed to dilute and dispense liquids quickly and easily
- Borosilicate glass syringe
- PTFE/CTFE Piston and tubing
- Automates the pipetting process
- Supplied with traceable calibration certificate (N.I.S.T. standards)
- Multiple communication interfaces: Ethernet (RJ-45), CAN IN / OUT (RJ-12), TLL IN/OUT, SERIAL RS-232
- Possibility to control the instrument (Ethernet or RS-232) and then several instruments in a chain (CAN ports), remote control (optional programming kit required, Cat. No. 410532)
- Material compliant with EPA, FDA, GLP,GMP, and 21 CFR part 11
- Remote monitoring of the instrument from any computer (logfile)
- Dispensers and dilutors supplied with Concorde hand probe (491062 and 491063 have a double button), PTFE filling and dispensing tubes, accessory rack, universal valves, power cord

Dispensing devices

	Basic controller		Advanced controller	
	Cat.No.	€	Cat.No.	€
1 syringe	412387*	N/A -	410504*	N/A -
2 syringes	491062*	N/A -	491063*	N/A -
Continuous with 2 syringes	491064**	N/A -	491065**	N/A -

* syringe(s) 1 ml supplied
** syringe(s) 10 ml supplied

Dilution devices

Cat. No.	Description	Syringes supplied	€
491061	2-syringe dilution device with basic controller	250 µl / 2.5 ml	N/A -
410502	2-syringe dilution device with advanced controller	250 µl / 2.5 ml	N/A -

Pumps

Cat. No.	Description	Syringe(s) supplied	€
491067	Single syringe pump without controller nor accessories*	1 ml	N/A -
410503	Two syringe pump without controller nor accessories*	1 ml	N/A -

*The pumps are supplied only with power cable, universal valve(s), syringe(s) and the customizable programming kit (software on CD, compatible only with Microsoft.NET 2.0 and earlier).

Bubble Free Prime (BFP) syringe

Bubble-free priming syringe. Expels air from the syringe and valve, reducing the number of priming cycles required.

Cat.No.	Volume	Optimal ranges	€
410505	10 µl	1 µl - 10 µl	N/A -
410506	25 µl	2.5 µl - 25 µl	N/A -
410507	50 µl	5 µl - 50 µl	N/A -
410508	100 µl	10 µl - 100 µl	N/A -
410509	250 µl	25 µl - 250 µl	N/A -
410511	1 ml	100 µl - 1 ml	N/A -
410512	2.5 ml	250 µl - 2.5 ml	N/A -
410513	5 ml	500 µl - 5 ml	N/A -
410514	10 ml	1 ml - 10 ml	N/A -
410515	25 ml	2.5 ml - 25 ml	N/A -
410516	50 ml	5 ml - 50 ml	N/A -

SaltLine syringes

- For solutions with high salt concentrations
- UHMWPE (ultra high molecular weight polyethylene) piston

Cat.No.	Volume	Optimal ranges	€
491074	1 ml	100 µl - 1 ml	N/A -
491075	5 ml	500 µl - 5 ml	N/A -
491076	10 ml	1 ml - 10 ml	N/A -

Accessory

Cat.No.	Description	€
410532	Programming kit via computer	N/A -

Assembled PTFE hoses

Cat. No.	Gauge (G)	Type	Length (mm)	Internal volume	€
410535	18	Filling tube	1219	1.15 ml	N/A -
410536	18	Dispensing tube	1372	1.29 ml	N/A -
410537	18	Filling tube	Personalized	0.94 µl/mm	N/A -
410538	18	Dispensing tube	Personalized	0.94 µl/mm	N/A -
410539	12	Filling tube	1219	4.57 ml	N/A -
410540	12	Dispensing tube	1372	5.15 ml	N/A -
410541	12	Filling tube	Personalized	3.75 µl/mm	N/A -
410542	12	Dispensing tube	Personalized	3.75 µl/mm	N/A -
410543	18	Continuous filling tube	-	0.94 µl/mm	N/A -
410544	12	Continuous filling tube	-	3.75 µl/mm	N/A -

Accessories for Microlab 600

Cat.No.	Description	Units/ box	€/ box
410521	Concorde CT dispensing sampler	1	N/A -
410522	Luer Lock Conversion Kit for Concorde CT	1	N/A -
410523	Dual channel dispensing sampler	1	N/A -
491066	Dispensing sampler for tips 0.5 to 1000 µl*	1	N/A -
491071	50 µl tip, in bulk, for 410528	960	N/A -
491072	1 ml tip, in bulk, for 410528	960	N/A -
491070	1 ml tip, in rack x 96 for 410528	10 racks	N/A -
410528	Large volume dispenser sampler for 1 - 5 ml tips*	1	N/A -
410529	5 ml tip, in bulk, for 410528	250	N/A -
410530	Foot switch	1	N/A -

* The tip distribution samplers are only compatible with the Hamilton tips listed in the table

Syringes selection guide

Types of syringes

- **Microliter: for liquids only with a steel piston, ideal for homogeneous solutions that do not leave a deposit**
- **Gastight: for liquids and gases with a PTFE piston that creates a tight seal, ideal for heterogeneous solutions**

Mouth type

- **Syringes with needles cemented into the syringe, not autoclavable**

Type	Description
N and SN	Cemented needle
LTN and LTSN	Luer tip with cemented needle


Type N/SN


Type LTN/LTNS

- **Syringes with removable needles**

Type	Description	Type of needle compatible
LT	Luer tip	Needle with Kel-F hub
TLL	Luer lock tip	Needle with metal or Kel-F hub
RN	Removable needle	RN needles with small hub (2.5-100µl) or large hub (250µl-10ml)
KH	Knurled Hub	Exclusively for syringes of the 7000 series, KH needles

Other types of tips and pistons available on request


Type LT


Type RN


Type TLL


Type KH

Needle type

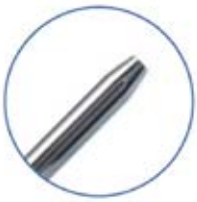
Tip Type	Description	Applications	Gauge
2	Tip 10-12°, bevelled, curved	Gas chromatography, septum piercing	33-10
3	Blunt, electro-polished	HPLC, thin layer chromatography, general liquid handling	34-10
4	Tip 10-12°, bevelled, not curved	Life science / animal injection	
5	Conical with a side port	Application with risk of needle clogging	26-10
AS	Conical without port	Automatic sampler, pre-drilled septum	


Tip Type 2


Tip Type 3


Tip Type 4


Tip type 5


Tip type AS

1) Choose the "internal - external" dimension which will give you the gauge
2) Choose the type of tip

Gauge type

Gauge	Ø ext. x Ø int. (mm)	Tolerance of Ø (mm)	Tolerance of Ø (mm)	Tip Type	Wall thickness (mm)	Volume (µl/cm)
34	0.16 x 0.06	0.02	0.01	2, 3 or 4	0.05	0.03
33	0.21 x 0.11	0.02	0.01	2, 3 or 4	0.05	0.1
32	0.24 x 0.11	0.02	0.01	2, 3 or 4	0.07	0.1
31	0.26 x 0.13	0.02	0.01	2, 3 or 4	0.07	0.13
30	0.31 x 0.16	0.02	0.01	2, 3 or 4	0.08	0.2
29	0.34 x 0.18	0.02	0.01	2, 3 or 4	0.08	0.25
28	0.36 x 0.18	0.02	0.01	2, 3 or 4	0.09	0.25
27	0.41 x 0.21	0.02	0.01	2, 3 or 4	0.1	0.35
26s	0.47 x 0.13	0.015	0.01	2, 3 or 4 / 5 or AS	0.17	0.13
26	0.46 x 0.26	0.02	0.01	2, 3 or 4 / 5 or AS	0.1	0.53
25s	0.52 x 0.15	0.015	0.01	2, 3 or 4 / 5 or AS	0.19	0.18
25	0.52 x 0.26	0.02	0.01	2, 3 or 4 / 5 or AS	0.13	0.53
24	0.57 x 0.31	0.02	0.01	2, 3 or 4 / 5 or AS	0.13	0.75
23s	0.64 x 0.12	0.02	0.03	2, 3 or 4 / 5 or AS	0.28	0.06
23	0.64 x 0.34	0.02	0.01	2, 3 or 4 / 5 or AS	0.15	0.91
22s	0.72 x 0.17	0.015	0.01	2, 3 or 4 / 5 or AS	0.29	0.18
22	0.72 x 0.41	0.02	0.01	2, 3 or 4 / 5 or AS	0.16	1.32
21	0.82 x 0.51	0.02	0.01	2, 3 or 4 / 5 or AS	0.16	2.04
20	0.91 x 0.60	0.02	0.01	2, 3 or 4 / 5 or AS	0.16	2.83
19	1.07 x 0.69	0.04	0.015	2, 3 or 4 / 5 or AS	0.19	3.74
18	1.27 x 0.84	0.04	0.015	2, 3 or 4 / 5 or AS	0.22	5.54
17	1.47 x 1.07	0.04	0.015	2, 3 or 4 / 5 or AS	0.2	8.99
16	1.65 x 1.19	0.04	0.015	2, 3 or 4 / 5 or AS	0.23	11.12
15	1.83 x 1.37	0.04	0.015	2, 3 or 4 / 5 or AS	0.23	14.74
14	2.11 x 1.60	0.05	0.025	2, 3 or 4 / 5 or AS	0.26	20.11
13	2.41 x 1.80	0.05	0.025	2, 3 or 4 / 5 or AS	0.31	25.45
12	2.77 x 2.16	0.05	0.025	2, 3 or 4 / 5 or AS	0.31	36.64
11	3.05 x 2.39	0.05	0.025	2, 3 or 4 / 5 or AS	0.33	44.86
10	3.40 x 2.70	0.05	0.025	2, 3 or 4 / 5 or AS	0.36	56.83

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hamilton Microliter Syringes - 600 Series (2.5 µl - 5 µl)



- 2.5 µl - 5 µl
- For liquids
- Removable needles (RN)
- Reinforced pistons

2.5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074352	Syringe 62	RN	22S	51	Type 3	N/A -
074354	Syringe without needle 62	RN	-	-	-	N/A -

5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074353	Syringe 65	RN	22S	51	Type 3	N/A -
074355	Syringe without needle 65	RN	*	*	*	N/A -

Hamilton Microliter Syringes - 7000 Series (0.5 µl - 5 µl)



- 0.5 µl - 5 µl
- For liquids
- Removable needles (KH)
- Positive displacement
- No dead volume

0.5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074362	Syringe 7000.50C	KH	32	100	Type 3	N/A -
074356	Syringe 7000.5	KH	25	70	Type 2	N/A -
074363	Syringe 7000.5	KH	25	70	Type 3	N/A -

1 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074357	Syringe 7001	KH	25S	70	Type 2	N/A -
074358	Syringe 7101	KH	22S	70	Type 2	N/A -
074364	Syringe 7001	KH	25S	70	Type 3	N/A -
074365	Syringe 7101	KH	22S	70	Type 3	N/A -
074370	Syringe 7001	SN	25	*	*	N/A -

2 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074359	Syringe 7002	KH	25	70	Type 2	N/A -
074360	Syringe 7102	KH	23	70	Type 2	N/A -
074366	Syringe 7002	KH	25	70	Type 3	N/A -
074367	Syringe 7102	KH	23	70	Type 3	N/A -

5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074361	Syringe 7105	N	24	70	Type 2	N/A -
074368	Syringe 7105	N	24	70	Type 3	N/A -

Accessory

Cat. No.	Description	€
074399	2" spacer for all models	N/A -



Enter the reference on www.dulis.nl
tu see the care guide and instructions for use
of the Hamilton syringes



* Syringe with customised needle:
specify the gauge, length and type of tip by referring
to the table on page 471 (or on www.dulis.nl)

Needles: see pages 477 and 478
Accessries: see page 476

Multi-channel syringes



- 8-channel syringes for deposition on gels

Cat.No.	Needle size (mm)	€
075345	0.2	N/A -
075354	0.3	N/A -
075353	0.4	N/A -

Hamilton Microliter Syringes - 700 Series (5 µl - 500 µl)

- 5 µl - 500 µl
- For liquids
- Cemented needles (N), removable (RN), luer cone (LT)



50 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074303	Syringe 705	N	22s	51	Type 2	N/A -
074313	Syringe 705	N	22s	51	Type 3	N/A -
074323	Syringe 705	SN	*	*	*	N/A -
074330	Syringe 705	RN	22s	51	Type 2	N/A -
074337	Syringe without needle 705	RN	-	-	-	N/A -
074343	Syringe without needle 705	LT	-	-	-	N/A -

100 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074304	Syringe 710	N	22s	51	Type 2	N/A -
074314	Syringe 710	N	22s	51	Type 3	N/A -
074324	Syringe 710	SN	*	*	*	N/A -
074331	Syringe 710	RN	22s	51	Type 2	N/A -
074338	Syringe without needle 710	RN	-	-	-	N/A -
074344	Syringe without needle 710	LT	-	-	-	N/A -

250 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074305	Syringe 725	N	22s	51	Type 2	N/A -
074315	Syringe 725	N	22s	51	Type 3	N/A -
074325	Syringe 725	SN	*	*	*	N/A -
074332	Syringe 725	RN	22s	51	Type 2	N/A -
074339	Syringe without needle 725	RN	-	-	-	N/A -
074345	Syringe without needle 725	LT	-	-	-	N/A -

500 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074306	Syringe 750	N	22	51	Type 2	N/A -
074316	Syringe 750	N	22	51	Type 3	N/A -
074326	Syringe 750	SN	*	*	*	N/A -
074333	Syringe 750	RN	22	51	Type 2	N/A -
074340	Syringe without needle 750	RN	-	-	-	N/A -
074346	Syringe without needle 750	LT	-	-	-	N/A -

5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074300	Syringe 75	N	26s	51	Type 2	N/A -
074309	Syringe 75	N	26s	51	Type 3	N/A -
074320	Syringe 75	SN	*	*	*	N/A -
074327	Syringe 75	RN	26s	51	Type 2	N/A -
074334	Syringe without needle 75	RN	-		-	N/A -

10 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074301	Syringe 701	N	26s	51	Type 2	N/A -
074307	Syringe 701	N	26s	70	Type 2	N/A -
074308	Syringe 701	N	26s	76	Type 2	N/A -
074310	Syringe 701	N	26s	51	Type 3	N/A -
074318	Syringe 701	N	26s	51	Type 5	N/A -
074321	Syringe 701	SN	*	*	*	N/A -
074328	Syringe 701	RN	26s	51	Type 2	N/A -
074335	Syringe without needle 701	RN	-	-	-	N/A -
074341	Syringe without needle 701	LT	-	-	-	N/A -

25 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074302	Syringe 702	N	22s	51	Type 2	N/A -
074312	Syringe 702	N	22s	51	Type 3	N/A -
074322	Syringe 702	SN	*	*	*	N/A -
074329	Syringe 702	RN	22s	51	Type 2	N/A -
074336	Syringe without needle 702	RN	-	-	-	N/A -
074342	Syringe without needle 702	LT	-	-	-	N/A -



*** Specify gauge, length, type of tip.**

Needles: see pages 477 and 478
Accessries: see page 476

Hamilton Microliter Syringes - 800 Series (5 µl - 250 µl)

- 5 µl - 250 µl
- For liquids
- Reinforced pistons
- Removable needles (RN), cemented needles (N)



5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074400	Syringe 85	N	26s	51	Type 2	N/A -
074412	Syringe 85	RN	26s	51	Type 2	N/A -
074418	Syringe 85 without needle	RN	-	-	-	N/A -

10 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074401	Syringe 801	N	26s	51	Type 2	N/A -
074413	Syringe 801	RN	26s	51	Type 2	N/A -
074419	Syringe 801 without needle	RN	-	-	-	N/A -

20 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074402	Syringe 802	N	22s	51	Type 2	N/A -
074414	Syringe 802	RN	22s	51	Type 2	N/A -
074420	Syringe 802 without needle	RN	-	-	-	N/A -

50 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074403	Syringe 805	N	22s	51	Type 2	N/A -
074415	Syringe 805	RN	22s	51	Type 2	N/A -
074421	Syringe 805 without needle	RN	-	-	-	N/A -

100 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074404	Syringe 810	N	22s	51	Type 2	N/A -
074416	Syringe 810	RN	22s	51	Type 2	N/A -
074422	Syringe 810 without needle	RN	-	-	-	N/A -

250 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074417	Syringe 825	RN	22s	51	Type 2	N/A -
074423	Syringe 825 without needle	RN	-	-	-	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hamilton Microliter Syringes - 900 Series (5 µl - 10 µl)



- 5 µl - 10 µl
- For liquids
- Removable needles (RN), cemented needles (N)
- Reinforced pistons
- Non-replaceable and non-interchangeable pistons and bodies

5 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074452	Syringe 95	RN	26s	51	Type 2	N/A -
074454	Syringe without needle 95	RN	-	-	-	N/A -

10 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074451	Syringe 901	N	26s	51	Type 2	N/A -
074453	Syringe 901	RN	26s	51	Type 2	N/A -
074455	Syringe without needle 901	RN	-	-	-	N/A -

Hamilton Gastight Syringes - 1700 Series (10µl - 500µl)



- Removable needles (RN), cemented needles (N/SN), luer cone (LT), Teflon luer cone (TLL)
- 10 µl - 500 µl
- For liquids and gases
- Reinforced pistons



* Syringe with customised needle: specify the gauge, length and type of tip by referring to the table on page 471 (or on www.dulis.nl)

10 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074457	Syringe 1701	N	26s	51	Type 2	N/A -
074463	Syringe 1701	N	26s	51	Type 3	N/A -
074469	Syringe 1701	N	26s	51	Type 5	N/A -
074475	Syringe 1701	SN	*/*/*	*	*	N/A -
074481	Syringe 1701	RN	26s	51	Type 2	N/A -
074487	Syringe 1701	RN	22s	51	Type 3	N/A -
074493	Syringe without needle 1701	RN	-	-	-	N/A -
074499	Syringe without needle 1701	LT	-	-	-	N/A -

25 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074458	Syringe 1702	N	22s	51	Type 2	N/A -
074464	Syringe 1702	N	22s	51	Type 3	N/A -
074476	Syringe 1702	SN	*	*	*	N/A -
074482	Syringe 1702	RN	22s	51	Type 2	N/A -
074488	Syringe 1702	RN	22s	51	Type 3	N/A -
074494	Syringe without needle 1702	RN	-	-	-	N/A -
074500	Syringe without needle 1702	LT	-	-	-	N/A -

50 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074459	Syringe 1705	N	22s	51	Type 2	N/A -
074465	Syringe 1705	N	22s	51	Type 3	N/A -
074471	Syringe 1705	N	22s	51	Type 5	N/A -
074477	Syringe 1705	SN	*/*/*	*	*	N/A -
074483	Syringe 1705	RN	22s	51	Type 2	N/A -
074489	Syringe 1705	RN	22s	51	Type 3	N/A -
074495	Syringe without needle 1705	RN	-	-	-	N/A -
074501	Syringe without needle 1705	LT	-	-	-	N/A -
074509	Syringe without needle 1705	TLL	-	-	-	N/A -

* Specify gauge, length, type of tip.



Enter the reference on www.dulis.nl tu see the care guide and instructions for use of the Hamilton syringes

100 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074460	Syringe 1710	N	22s	51	Type 2	N/A -
074466	Syringe 1710	N	22s	51	Type 3	N/A -
074472	Syringe 1710	N	22s	51	Type 5	N/A -
074478	Syringe 1710	SN	*	*	*	N/A -
074484	Syringe 1710	RN	22s	51	Type 2	N/A -
074490	Syringe 1710	RN	22s	51	Type 3	N/A -
074496	Syringe without needle 1710	RN	-	-	-	N/A -
074502	Syringe without needle 1710	LT	-	-	-	N/A -
074510	Syringe without needle 1710	TLL	-	-	-	N/A -

250 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074461	Syringe 1725	N	22s	51	Type 2	N/A -
074467	Syringe 1725	N	22s	51	Type 3	N/A -
074473	Syringe 1725	N	22s	51	Type 5	N/A -
074479	Syringe 1725	SN	*/*/*	*	*	N/A -
074485	Syringe 1725	RN	22s	51	Type 2	N/A -
074491	Syringe 1725	RN	22s	51	Type 3	N/A -
074497	Syringe without needle 1725	RN	-	-	-	N/A -
074503	Syringe without needle 1725	LT	-	-	-	N/A -
074511	Syringe without needle 1725	TLL	-	-	-	N/A -

500 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074474	Syringe 1750	N	22	51	Type 5	N/A -
074480	Syringe 1750	SN	*	*	*	N/A -
074486	Syringe 1750	RN	22	51	Type 2	N/A -
074492	Syringe 1750	RN	22	51	Type 3	N/A -
074498	Syringe without needle 1750	RN	-	-	-	N/A -
074504	Syringe without needle 1750	LT	-	-	-	N/A -



Needles: see pages 477 and 478
Accessries: see page 476

Hamilton Gastight Syringes - 1800 Series (10 µl - 250 µl)

- 10 µl - 250 µl
- For liquids and gases
- Removable needles (RN), cemented needles (N/SN)



10 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074698	Syringe 1801	N	26s	51	Type 2	N/A -
074708	Syringe 1801	RN	26s	51	Type 2	N/A -
074713	Syringe without needle 1801	RN	-	-	-	N/A -

25 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074699	Syringe 1802	N	22s	51	Type 2	N/A -
074709	Syringe 1802	RN	22s	51	Type 2	N/A -
074714	Syringe without needle 1802	RN	-	-	-	N/A -

50 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074700	Syringe 1805	N	22s	51	Type 2	N/A -
074710	Syringe 1805	RN	22s	51	Type 2	N/A -
074715	Syringe without needle 1805	RN	-	-	-	N/A -

100 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074711	Syringe 1810	RN	22s	51	Type 2	N/A -
074716	Syringe without needle 1810	RN	-		-	N/A -

250 µl Syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074702	Syringe 1825	N	22s	51	Type 2	N/A -
074712	Syringe 1825	RN	22s	51	Type 2	N/A -
074717	Syringe without needle 1825	RN	-	-	-	N/A -



Enter the reference on dulis.nl to find the care guide and the instructions for use of the Hamilton syringes

Hamilton Neuros™Syringe

- Syringes for animal injections
- Maximum control of the volume injected
- Minimised risk of tissue damage
- For injection volumes from 50 nl (nanolitres) to 100 µl
- Needle protected by a sleeve

				Tip type 3		Tip type 4	
Vol. (µl)	Model	Gauge	Type of syringe	Cat.No	€	Cat.No	€
0.5	7000.5 KH	32	Modified Microliter	-	-	075646	N/A -
1	7001 KH	32	Modified Microliter	412375	N/A -	075645	N/A -
2	7002 KH	30	Modified Microliter	412376	N/A -	075647	N/A -
5	75 RN*	33	Microliter	412377	N/A -	075648	N/A -
10	1701 RN*	33	Gastight	412378	N/A -	075649	N/A -
25	1702 RN*	33	Gastight	412379	N/A -	075650	N/A -
50	1705 RN*	33	Gastight	412380	N/A -	075651	N/A -
100	1710 RN*	33	Gastight	412381	N/A -	075652	N/A -



- Modified Microliter: 7000 series, ultra-precise, tungsten piston, no dead volume
- Microliter: 700 series, for liquids only, stainless steel piston individually adjusted to the glass body
- Gastight: 1700 and 1000 series, for gases and liquids, polymer piston, no leakage

* These Cat.No. contain the syringe with needle, 1 Neuros adapter and 2 needle sleeves.

Accessories

Cat.No	Description	€
412382	Adapter Kit 700/1700	N/A -
412383	Replacement needles, tip type 3 (all 6)	N/A -
075663	Replacement needles, tip type 4 (all 6)	N/A -



Needles: see pages 477 and 478
Accessries: see page 476

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hamilton Gastight Syringes - 1000 Series (1ml - 25ml)



- 1 ml - 25 ml
- For liquids and gases
- Removable needles (RN), cemented needles (LTN/LTSN), luer cone (LT), Teflon luer cone (TLL)



* Syringe with customised needle: specify the gauge, length and type of tip by referring to the table on page 471 (or on www.dulis.nl)

1 ml syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074590	Syringe 1001	LTN	22	51	Type 2	N/A -
074595	Syringe 1001	LTN	22	51	Type 3	N/A -
074599	Syringe 1001	LTN	22	51	Type 5	N/A -
074603	Syringe 1001	LTSN	*	*	*	N/A -
074613	Syringe without needle 1001	RN	-	-	-	N/A -
074617	Syringe without needle 1001	LT	-	-	-	N/A -
074629	Syringe without needle 1001	TLL	-	-	-	N/A -

2.5 ml syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074592	Syringe 1002	LTN	22	51	Type 2	N/A -
074596	Syringe 1002	LTN	22	51	Type 3	N/A -
074600	Syringe 1002	LTN	22	51	Type 5	N/A -
074605	Syringe 1002	LTSN	*	*	*	N/A -
074614	Syringe without needle 1002	RN	-		-	N/A -
074619	Syringe without needle 1002	LT	-		-	N/A -
074630	Syringe without needle 1002	TLL	-		-	N/A -

5 ml syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074593	Syringe 1005	LTN	22	51	Type 2	N/A -
074597	Syringe 1005	LTN	22	51	Type 3	N/A -
074601	Syringe 1005	LTN	22	51	Type 5	N/A -
074606	Syringe 1005	LTSN	*	*	*	N/A -
074615	Syringe without needle 1005	RN	-		-	N/A -
074620	Syringe without needle 1005	LT	-		-	N/A -
074631	Syringe without needle 1005	TLL	-		-	N/A -

10 ml syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
074594	Syringe 1010	LTN	22	51	Type 2	N/A -
074598	Syringe 1010	LTN	22	51	Type 3	N/A -
074602	Syringe 1010	LTN	22	51	Type 5	N/A -
074607	Syringe 1010	LTSN	*	*	*	N/A -
074616	Syringe without needle 1010	RN	-		-	N/A -
074621	Syringe without needle 1010	LT	-		-	N/A -
074632	Syringe without needle 1010	TLL	-		-	N/A -

25 ml syringes

Cat.No	Model	Type of needles	Gauge	Long. (mm)	Tip Type	€
075640	Syringe 1025	TLL	22	51	Type 2	N/A -

* Specify gauge, length, type of tip.

Hamilton Dispenser PB600-1



- For dispensing from 0.2 µl to 50 µl
- Compatible with 700, 1700, 1000 series
- Suitable for N, RN, LT, TLL needles

Volume dispensed	Syringe volume	Syringe series
0.2 µl	10 µl	1700
0.5 µl	25 µl	1700, 700
1 µl	50 µl	1700, 700
2 µl	100 µl	1700, 700
5 µl	250 µl	1700, 700
10 µl	500 µl	1700, 700
20 µl	1 ml	1000
50 µl	2.5 ml	1000

Cat.No.	Description	€
074347	Dispenser PB 600-1	N/A -

Hamilton Chaney adapters



- Ensures reproducibility of injections
- For the stability of the piston, avoids the risk of torsion and breakage

Cat.No.	Description	€
074348	Chaney adapter for 700, 1700, and 7000 series	N/A -
074424	Chaney adapter for 800 and 1800 series	N/A -

Guides



Cat.No.	Description	€
074349	Guide for 700/1700 series syringes 5 - 10 µl	N/A -
074350	Guide for 7000 series syringes 25 - 500 µl	N/A -

Needles for TLL and LT syringes with HUB

Needles with Kel-F or metal hub

- Stainless steel
- Kel-F hub: CTFE plastic, recommended for LT syringes
- Metal hub: nickel-plated brass, recommended for TLL syringes



Standard needles

- Length: 51 mm
- Pack of 6 needles

Hub in Kel-F

Gauge	Tip Type 2	€ 6 units	3	€ 6 units	5	€ 6 units
26S	074847	N/A -	074848	N/A -	-	-
26	074858	N/A -	074859	N/A -	-	-
25	074869	N/A -	074870	N/A -	-	-
24	-	-	-	-	074882	N/A -
23	074891	N/A -	074892	N/A -	074893	N/A -
22S	074902	N/A -	074903	N/A -	074904	N/A -
22	074913	N/A -	074914	N/A -	074915	N/A -
21	074924	N/A -	074925	N/A -	074926	N/A -
20	074935	N/A -	074936	N/A -	074937	N/A -
18	075627	N/A -	-	-	074951	N/A -
17	-	-	-	-	074962	N/A -
16	-	-	412396	N/A -	074973	N/A -

Metal hub

Gauge	Tip Type 2	€ 6 units	3	€ 6 units	5	€ 6 units
26S	074842	N/A -	074843	N/A -	-	-
26	074853	N/A -	074854	N/A -	-	-
25	074864	N/A -	074865	N/A -	-	-
24	074875	N/A -	074876	N/A -	-	-
23	074886	N/A -	412397	N/A -	-	-
22S	074897	N/A -	074898	N/A -	074899	N/A -
22	074908	N/A -	074909	N/A -	074910	N/A -
21	074919	N/A -	074920	N/A -	074921	N/A -
20	074930	N/A -	-	-	074932	N/A -
19	074941	N/A -	-	-	-	-
18	074944	N/A -	-	-	-	-

Customized needles

- Tip type and length (10 - 304 mm) to be specified when ordering
- Pack of 6 needles

Hub in Kel-F

Gauge	Tip Type 2, 3, 4	€ 6 units	5, AS	€ 6 units
31	074816	N/A -	-	-
30	074823	N/A -	-	-
28	074833	N/A -	-	-
27	074840	N/A -	-	-
26S	074851	N/A -	-	-
26	074862	N/A -	-	-
25	074873	N/A -	-	-
24	074884	N/A -	074883	N/A -
22S	074906	N/A -	074905	N/A -
22	074971	N/A -	074916	N/A -
21	074928	N/A -	074927	N/A -
20	074939	N/A -	074938	N/A -
18	074953	N/A -	074952	N/A -
17	074964	N/A -	074963	N/A -
16	074975	N/A -	074974	N/A -
14	074985	N/A -	074984	N/A -
13	074992	N/A -	074991	N/A -
12	074999	N/A -	074998	N/A -
11	075336	N/A -	-	-
10	075343	N/A -	075342	N/A -

Metal hub

Gauge	Tip Type 2, 3, 4	€ 6 units	5, AS	€ 6 units
33	074807	N/A -	-	-
31	074813	N/A -	-	-
30	074820	N/A -	-	-
28	074830	N/A -	-	-
27	074837	N/A -	-	-
26S	074846	N/A -	074845	N/A -
26	074857	N/A -	-	-
25	074868	N/A -	-	-
24	074879	N/A -	-	-
23	074890	N/A -	074889	N/A -
22S	074901	N/A -	074900	N/A -
22	074912	N/A -	074911	N/A -
21	074923	N/A -	074922	N/A -
20	074934	N/A -	074933	N/A -
18	074948	N/A -	-	-
17	074959	N/A -	074958	N/A -
16	074970	N/A -	074969	N/A -
14	074982	N/A -	-	-
13	074989	N/A -	-	-
12	074996	N/A -	-	-
11	075333	N/A -	-	-
10	075340	N/A -	-	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hamilton RN syringe needles



- Stainless steel
- Small hub needles compatible with RN syringes from 2.5 µl to 100 µl
- Wide hub needles compatible with RN syringes from 250 µl to 10 ml

Customized needles

- Tip type and length (10 - 304 mm) to be specified when ordering
- Pack of 6 needles

Small Hub

Gauge	Tip Type 2, 3, 4	€ 6 units	5, AS	€ 6 units
33	074751	N/A -	-	-
32	074753	N/A -	-	-
31	074755	N/A -	-	-
30	074757	N/A -	-	-
28	074759	N/A -	-	-
27	074761	N/A -	-	-
26S	-	-	074765	N/A -
26	074776	N/A -	074775	N/A -
22S	074786	N/A -	074785	N/A -
22	074796	N/A -	074795	N/A -

Large Hub

Gauge	Tip Type 2, 3, 4	€ 6 units	5, AS	€ 6 units
26S	074771	N/A -	074770	N/A -
26	074781	N/A -	074780	N/A -
22S	074791	N/A -	074790	N/A -
22	074801	N/A -	074800	N/A -

Standard needles

- Length: 51 mm
- Pack of 6 needles

Small Hub

Gauge	Tip Type 2	€ 6 units	3	€ 6 units	5	€ 6 units
33	-	-	074750	N/A -	-	-
32	-	-	074752	N/A -	-	-
31	-	-	074754	N/A -	-	-
30	-	-	074756	N/A -	-	-
28	-	-	074758	N/A -	-	-
27	-	-	074760	N/A -	-	-
26S	074762	N/A -	074763	N/A -	074764	N/A -
26	074772	N/A -	074773	N/A -	074774	N/A -
22S	074782	N/A -	074783	N/A -	074784	N/A -
22	074792	N/A -	074793	N/A -	074794	N/A -

Large Hub

Gauge	Tip Type 2	€ 6 units	3	€ 6 units	5	€ 6 units
26S	074767	N/A -	074768	N/A -	074769	N/A -
26	074777	N/A -	074778	N/A -	074779	N/A -
22S	074787	N/A -	074788	N/A -	074789	N/A -
22	074797	N/A -	074798	N/A -	074799	N/A -



Find all PEEK RN and HUB KEL-F needles and also needle cleaning kits on www.dulis.nl

VOOR ONLINE-ORDERS: DULIS.BE I DULIS.NL

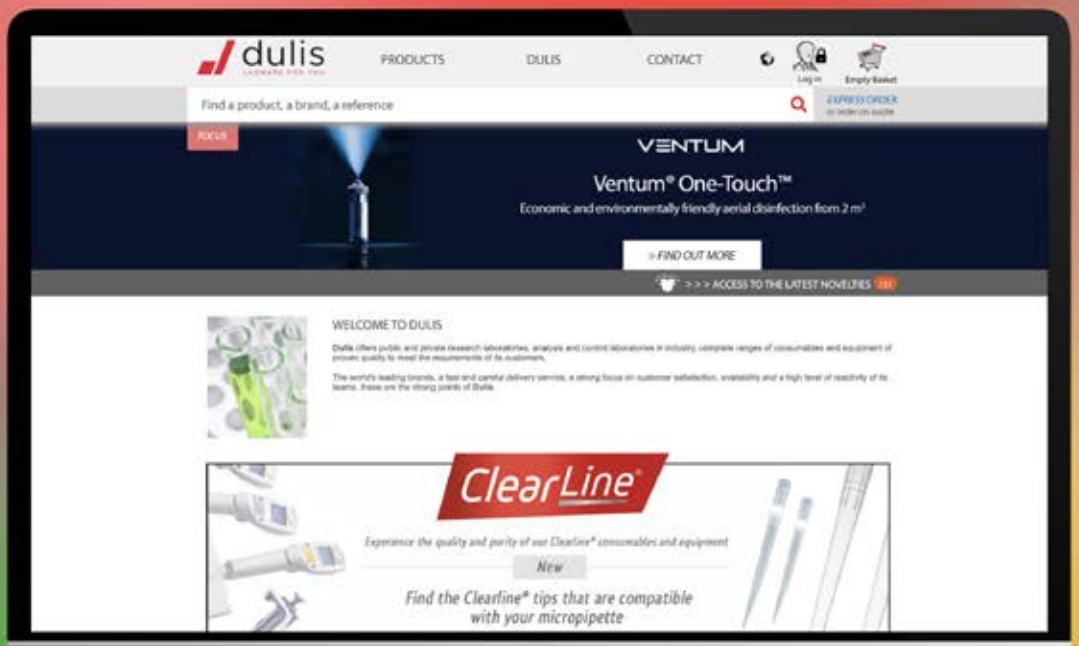
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AN EXTRAORDINARY ADVENTURE



TIPS AND MICROPIPETTES

• EPPENDORF Micropipettes, epT.I.P.S. tips	481 to 488
• THERMO SCIENTIFIC Finnpipettes Micropipettes, multichannel micropipettes, Finntips tips	489 to 495
• GILSON PIPETMAN®, tips, accessories, MICROMAN®, DISTRIMAN®, REPETMAN®	496 to 500
• SARTORIUS BIOHIT*family* Micropipettes, multichannel micropipettes, eLine and tips	501 to 507
• SOCOREX Micropipettes	508 to 512
• CAPP Micropipettes	513
• BRAND Transferpette	514 and 515
• CLEARLINE® Micropipettes, tips	516 to 519, 525
• LABMATE Micropipettes	520
• BIOSIGMA Micropipettes	520
• Tips, pipettes MµLTI	521 to 524
• NEPTUNE CLP Tips	526 and 527
• ART Tips	528 to 530
• TREFF® Tips	531
• GREINER BIO-ONE Tips	532
• LABCON Tips	534 à 536
• Special tips	537 to 542
• Gel Tips	542 to 544
• Micropipette holder, Checkit pipette	545 to 548
• Positive displacement micropipettes	549 and 550
• Dispensing pipettes and syringes	551 to 557
• Benchtop Pipette Controllers	558 and 559
• Glass capillaries, microcaps, dispensing accessories	560 and 561
• Microinjector	562

Eppendorf micropipettes

Model	Eppendorf Research® plus	Eppendorf Reference® 2	Eppendorf Xplorer®/ Eppendorf Xplorer® plus	Eppendorf Research® plus Move It®/ Eppendorf Xplorer® plus Move It®
Operating mode	Manual	Manual	Electronic	Manual / Electronic
Adjustable spacing between tips	No	No	No	Yes
Highlights	Lightweight, low pipetting force	Single button operation	Efficient and accurate automated pipetting	Variable tip spacing for transfer between different formats
Volume range	0.1 µl - 10 ml	0.1 µl - 10 ml	0.5 µl - 10 ml	1 - 1200 µl
Available options	1 channel, 8 channel, 12 channel, 16 channel, 24 channel	1 channel, 8 channel, 12 channel	1 channel, 8 channels, 12 channel, 16 channel, 24 channel	4 channel, 6 channel, 8 channel, 12 channel
RFID tracking	Yes	Yes	Yes	Yes
Autoclavable parts	Entirely	Entirely	Lower part	Lower part

Eppendorf Research® plus Micropipettes

- **Lightweight pipette, minimises handling forces without reducing robustness**
- **Tip-holder end with shock absorber reduces tip attachment forces to reduce muscle strain**
- **Highly flexible piston for minimum effort during handling and strong to minimise wear**
- **Clip-on disassembly/assembly system for easy maintenance**
- **Integrated RFID chip provides simple identification and documentation**
- **Fully autoclavable without disassembly**



2 versions:

- **GLP (General Lab Product), for all applications other than human diagnosis**
- **CE/IVD, for human clinical applications (human diagnosis)**

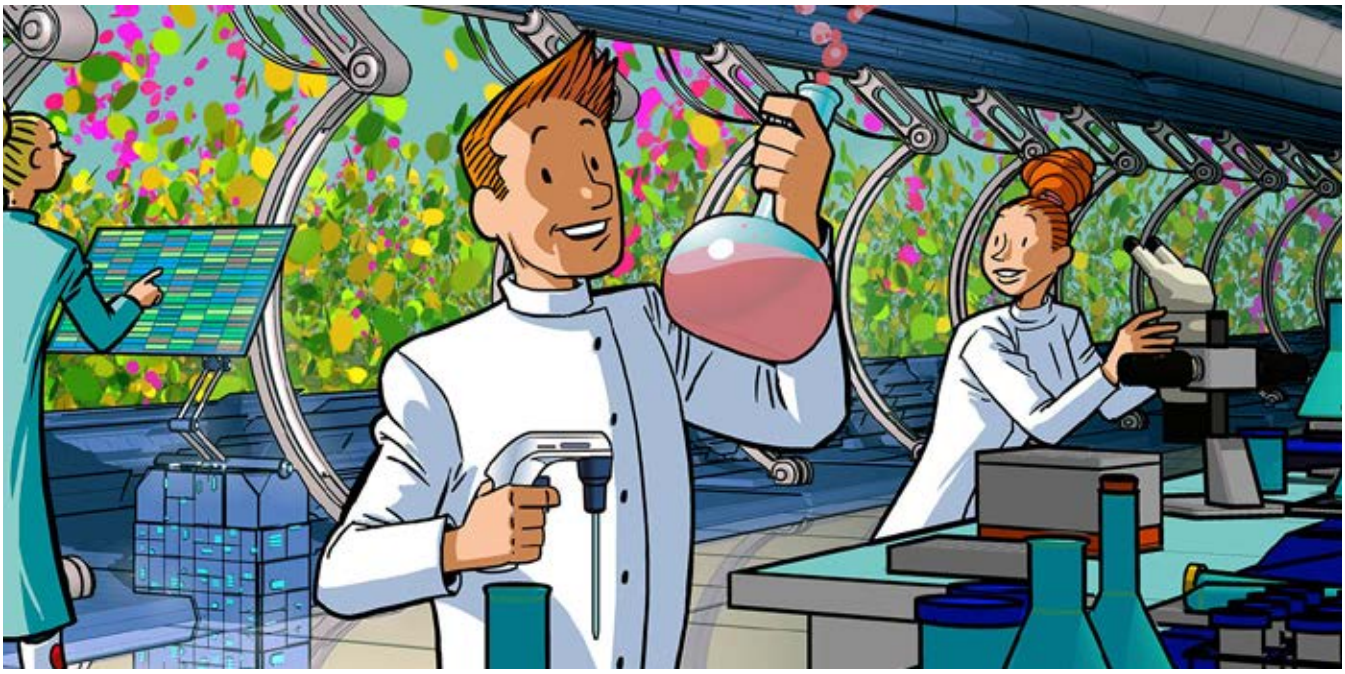
Eppendorf Research® plus Micropipettes - variable volume

		Research® plus GLP		Research® plus CE/ IVD	
Volume (µl)	Colour push button	Cat. No.	€	Cat. No.	€
0.1 - 2.5	Anthracite	933953	N/A -	035602	N/A -
0.5 - 10	Grey	933954	N/A -	035603	N/A -
2 - 20	Light grey	933961	N/A -	035610	N/A -
2 - 20	Yellow	933955	N/A -	035604	N/A -
10 - 100	Yellow	933956	N/A -	035605	N/A -
20 - 200	Yellow	933957	N/A -	035606	N/A -
30 - 300	Orange	933962	N/A -	035611	N/A -
100 - 1000	Blue	933958	N/A -	035607	N/A -
250 - 2500	Red	934304	N/A -	934303	N/A -
500 - 5000	Violet	933959	N/A -	035608	N/A -
1000 - 10000	Turquoise	933960	N/A -	035609	N/A -

Also available in fixed volume, find them on www.dulis.nl



Eppendorf racks: See page 488



All prices are indicative and exclude VAT. Visit www.dulis.nl

Eppendorf Research® plus Micropipettes (continued)



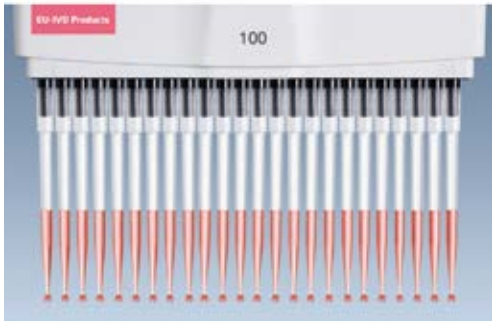
Channel indicator
- Always use the pipette in the same way (left/right)

Tip-holder end with shock absorber
- Improved ergonomics
- Perfect adaptability to the tips

Eppendorf Research® plus Multi-channel micropipettes

		8-channel				12-channel			
		Research® plus GLP		Research® plus CE/IVD		Research® plus GLP		Research® plus CE/IVD	
Volume (µl)	Code Colour	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
0.5 - 10	Grey	933978	N/A -	035624	N/A -	933979	N/A -	035625	N/A -
10 - 100	Yellow	933980	N/A -	035626	N/A -	933981	N/A -	035627	N/A -
30 - 300	Orange	933982	N/A -	035628	N/A -	933983	N/A -	035629	N/A -
120 - 1200	Green	934370	N/A -	934368	N/A -	934371	N/A -	934369	N/A -

Eppendorf Research® plus Micropipettes 16 and 24 channel

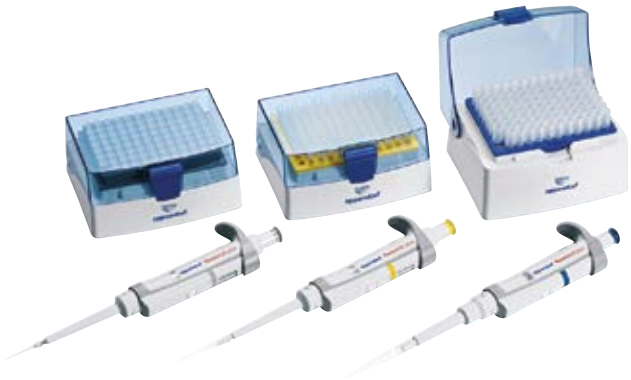


- **Simplifies filling of 384-well microplates**
- **4.5 mm spacing between the tips**
- **SOFTattach technology for better tip fixation**
- **SOFTeject system for successive tip ejection, reducing ejection forces**
- **Only compatible with epT.I.P.S. tips. 384**

		16-channel				24-channel			
		Research® plus GLP		Research® plus CE/IVD		Research® plus GLP		Research® plus CE/IVD	
Volume (µl)	Code Colour	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
1 - 20	Light pink	934327	N/A -	934323	N/A -	934328	N/A -	934324	N/A -
5 - 100	Light yellow	934329	N/A -	934325	N/A -	934330	N/A -	934326	N/A -

Enter the Cat. No. on dulis.nl to find the following guides.
- Principles of pipetting and dispensing
- Impact of pipetting techniques on sampling accuracy
- Calibration and adjustment guide for pipettes and dispensers
- Influence of physical parameters on the volume collected by a micropipette







ep Research® plus Packs

		ep Research® plus Pack 1	ep Research® plus Pack 2	ep Research® plus Pack 3
	Includes	1 Research® plus 0.5 - 10 µl 1 Research® plus 10 - 100 µl 1 Research® plus 100 - 1000 µl 3 epTips box (10, 100 and 1000 µl)	1 Research® plus 2 - 20 µl 1 Research® plus 20 - 200 µl 1 Research® plus 100 - 1000 µl 3 epTips box (2 x 200 µl, 1 x 1000 µl)	1 Research® plus 0.1 - 1 ml 1 Research® plus 0.5 - 5 ml 1 Research® plus 1 - 10 ml 1 epTips box 1 ml Bags with 5 ml and 10 ml tips
Research® plus GLP	Cat. No.	933963	933964	933965
	€	N/A -	N/A -	N/A -
Research® plus CE/IVD	Cat. No.	035636	035637	035638
	€	N/A -	N/A -	N/A -

Eppendorf Reference® 2 Micropipettes

Very high precision, robust and original design with a single control button for pipetting and ejection.

- **Single button operation: notch at end of pipetting for tip ejection**
- **No lateral movement of the thumb**
- **Tip-holder end with shock absorber**
- **Integrated RFID chip provides simple identification and documentation**
- **Supplied with EN ISO 8655 certificate of conformity, a box of epTIPS tips (only with variable volume pipettes) and an adapter for Eppendorf universal carousel (only with multichannel pipettes)**



- **Warranty: 3 years**

2 versions:

- **GLP (General Lab Product), for all applications other than human diagnosis**
- **CE/IVD, for human clinical applications (human diagnosis)**





PhysioCare concept

Eppendorf Reference® 2 Micropipettes - variable volume

		Reference® 2 GLP		Reference® 2 CE/IVD	
Volume (µl)	Colour push button	Cat. No.	€	Cat. No.	€
0.1 - 2.5	Anthracite	933984	N/A -	033017B	N/A -
0.5 - 10	Grey	933985	N/A -	033018B	N/A -
2 - 20	Light grey	933986	N/A -	033019B	N/A -
2 - 20	Yellow	933987	N/A -	033020B	N/A -
10 - 100	Yellow	933988	N/A -	033021B	N/A -
20 - 200	Yellow	933989	N/A -	033022B	N/A -
30 - 300	Orange	933990	N/A -	933041	N/A -
100 - 1000	Blue	933991	N/A -	033023B	N/A -
250 - 2500	Red	933992	N/A -	033024B	N/A -
500 - 5000	Violet	933993	N/A -	933042	N/A -
1000 - 10000	Turquoise	933994	N/A -	933043	N/A -

WEB

Also available in fixed volume, find them on www.dulis.nl

Eppendorf Reference® 2 multichannel Micropipettes

		8-channel				12-channel			
		Reference® 2 GLP		Reference® 2 CE/IVD		Reference® 2 GLP		Reference® 2 CE/IVD	
Volume (µl)	Code Colour	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
0.5 - 10	Grey	934015	N/A -	933031	N/A -	934016	N/A -	933032	N/A -
10 - 100	Yellow	934017	N/A -	933033	N/A -	934018	N/A -	933034	N/A -
30 - 300	Orange	934019	N/A -	933035	N/A -	934020	N/A -	933036	N/A -

TIP

Eppendorf racks: See page 488

Reference® 2 Mcropipettes Pack



		Pack 1: 3 micropipettes Reference® 2 with ep T.I.P.S.	Pack 2: 3 micropipettes Reference® 2 with ep T.I.P.S.	Pack 3: 3 micropipettes Reference® 2 with ep T.I.P.S.
		1 Reference® 2: 0.5 - 10 µl 1 Reference® 2: 10-100 µl 1 Reference® 2: 100-1000 µl complete with ep T.I.P.S.	1 Reference® 2: 2 - 20 µl 1 Reference® 2: 20 - 200 µl 1 Reference® 2: 100 - 1000 µl complete with ep T.I.P.S.	1 Reference® 2: 100 - 1000 µl 1 Reference® 2: 0.5 - 5 ml 1 Reference® 2: 1 - 10 ml complete with ep T.I.P.S.
Reference® 2 GLP	Cat. No.	933995	933996	933997
	€	N/A -	N/A -	N/A -
Reference® 2 CE/IVD	Cat. No.	033504B	033505B	933069
	€	N/A -	N/A -	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Xplorer® and Xplorer® plus Electronic micropipettes



- Light and balanced
- Tip-holder end with shock absorber

Intuitive operation

- Pipetting mode selection wheel
- Adjustable parameters on 1 screen
- French texts with help function
- Large backlit display, easy to read in any position
- User adjustment and predefined adjustments (e.g. to different types of liquids)
- Lithium-Polymer battery with long autonomy (3000 pipettings), possibility to work while recharging
- Same charger (and charger holder) as for the Multipette Stream/Xstream
- Integrated RFID chip provides simple identification and documentation
- Supplied with charging adapter and calibration certificate according to EN ISO 8655

Two versions

- **Xplorer®:** comfort and repeatability for common liquid dispensing applications
- **Xplorer® plus:** allows all the most sophisticated liquid dispensing applications to be carried out and also allows a complete process to be programmed; has an internal clock with reminders for service and metrological checks

Mode	Applications	Xplorer®	Xplorer® plus
Ads	Automatic dispensing	●	●
Dis	Dispensing	●	●
Pip	Pipetting	●	●
P/M	Pipetting and Mixing	●	●
Man	Manual pipetting	●	●
Opt	Option	●	●
Spc	Special applications:		
	Multi-suction		●
	Dilution		●
	Sequential distribution		●
	Reverse pipetting		●
	Sequential pipetting		●
Prg	Programme of application sequences		●
Edit	Editing/modifying programmes and fixed volumes		●
Fix	Fixed Pre-recorded and editable volumes		●

TIP

Eppendorf racks: see page 488

PhysioCare concept



Eppendorf Xplorer® and Xplorer® plus monocanal Micropipettes - including charger

Volume (µl)	Colour push button	Xplorer® Cat. No.	Xplorer® €	Xplorer® plus Cat. No.	Xplorer® plus €
0.5 - 10	Grey	035639	N/A -	035813	N/A -
1 - 20	Light grey	934305	N/A -	934308	N/A -
5 - 100	Yellow	035640	N/A -	035814	N/A -
10 - 200	Yellow	934306	N/A -	934309	N/A -
15 - 300	Orange	035641	N/A -	035815	N/A -
50 - 1000	Blue	035642	N/A -	035816	N/A -
250 - 2500	Red	934307	N/A -	934310	N/A -
500 - 5000	Violet	035643	N/A -	035817	N/A -
1000 - 10000	Turquoise	035644	N/A -	035818	N/A -

Eppendorf Xplorer® and Xplorer® plus multichannel Micropipettes - including charger

Volume	Colour push button	Xplorer® 8-channel Cat. No.	Xplorer® 8-channel €	Xplorer® 12-channel Cat. No.	Xplorer® 12-channel €	Xplorer® plus 8-channel Cat. No.	Xplorer® plus 8-channel €	Xplorer® plus 12-channel Cat. No.	Xplorer® plus 12-channel €
0.5 - 10 µl	Grey	035645	927.N/A -	035646	N/A -	035819	N/A -	035821	N/A -
5 - 100 µl	Yellow	035647	927.N/A -	035648	N/A -	035822	N/A -	035823	N/A -
15 - 300 µl	Orange	035649	927.N/A -	035650	N/A -	035824	N/A -	035825	N/A -
50 - 1200 µl	Green	035651	927.N/A -	035812	N/A -	035826	N/A -	035827	N/A -

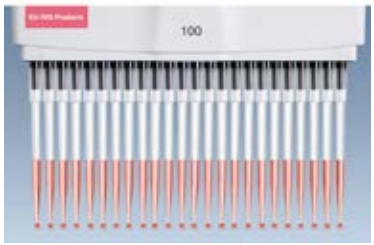
Pipette filter

For pipette volume of	5 ml			10 ml		
Compatibility	Cat. No.	Units/ bag	€/ bag	Cat. No.	Units/ bag	€/ bag
Micropipettes Research plus, Reference, Reference 2, Xplorer	933162	10	N/A -	933163	10	N/A -

WEB

Enter the Cat. No. on dulis.nl
to find the following guides.
- Principles of pipetting and dispensing
- Impact of pipetting techniques on sampling accuracy
- Calibration and adjustment guide for pipettes and dispensers
- Influence of physical parameters on the volume collected by a micropipette

Eppendorf Xplorer® plus Micropipettes 16 and 24 channel



- Simplifies filling of 384-well microplates
- 4.5 mm spacing between the tips

Volume (µl)	Code Colour	16-channel Xplorer® plus GLP Cat. No.	16-channel Xplorer® plus GLP €	24-channel Xplorer® plus GLP Cat. No.	24-channel Xplorer® plus GLP €
1 - 20	Light pink	934331	N/A -	934332	N/A -
5 - 100	Light yellow	934333	N/A -	934334	N/A -

- SOFTattach technology for better tip fixation
- SOFTeject system for successive tip ejection, reducing ejection forces
- Only compatible with epT.I.P.S. tips. 384

Move It® multichannel micropipettes with variable spacing

- Multichannel pipettes with adjustable tip spacing available in mechanical (Research plus) and electronic (Xplorer plus) versions)
- Quick and easy changeover of different plate formats thanks to predefined parameters
- Suitable for use with plates (384, 96, 48, 24 and 12 wells), tubes (1.5 and 2 ml) and agarose gels
- Adjustable tip spacing between 4.5 and 33 mm, depending on the pipette model
- Optimised ergonomics and balance to reduce muscle fatigue
- 360° rotating pipette head for comfortable display readability and quick parameter identification
- Easily autoclavable:
  - Research plus: fully autoclavable
  - Xplorer plus: Lower part only
- Tubeless system for reliability and safety



		Research plus							
		4-channel		6-channel		8-channel		12-channel	
Volume (µl)	Colour code	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
30 - 300	Orange	934498	N/A -	934499	N/A -	934500	N/A -	-	-
120 - 1200	Dark green	934501	N/A -	934502	N/A -	934503	N/A -	-	-

		Xplorer plus							
		4-channel		6-channel		8-channel		12-channel	
Volume (µl)	Colour code	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat.No	€
1 - 20	Pink	-	-	-	-	934504	N/A -	934505	N/A -
5 - 100	Yellow	-	-	-	-	934506	N/A -	934507	N/A -
15 - 300	Orange	934508	N/A -	934509	N/A -	934510	N/A -	-	-
50 - 1200	Green	934511	N/A -	934512	N/A -	934513	N/A -	-	-

EpT.I.P.S. tips Eppendorf

- Fine gradations
- 2 versions*
- - CE/IVD, for human clinical applications (human diagnostic)
  - GLP (General Lab Product), for non-human diagnostic applications

* standard bulk tips are not marked



epT.I.P.S. ... Eppendorf Totally Integrated Pipetting System.

A wide range of presentations: in bulk, in refillable racks (epT.I.P.S. reloads), epT.I.P.S box, epT.I.P.S set, BIOPUR sterile, in individual blister packs, with filter.

- **Bulk** In resealable bags
- **EpT.I.P.S.Reloads: a** set of 10 reload trays that can be placed in the epT.I.P.S. Box.
- **EpT.I.P.S Box:** refillable and reusable box, hinged lid; accepts trays of epT.I.P.S refill tips Reloads.
- **EpT.I.P.S Set:** refillable and reusable box, hinged lid with 5 tip trays
- **EpT.I.P.S. Racks** Certified PCR clean, sterile, non-pyrogenic, ATP-free and DNA-free
- **Individually packaged:** certified PCR clean, sterile, non-pyrogenic, ATP-free and DNA-free
- **epT.I.P.S. 384:** for 16 and 24 channel micropipettes

Bulk



epT.I.P.S.® Box/ epT.I.P.S.®Set



epT.I.P.S.®Racks



EpT.I.P.S.Reload

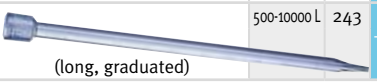


Individual packaging



All prices are indicative and exclude VAT. Visit www.dulis.nl

EpT.I.P.S. tips Eppendorf

	Volume (µl)	Long. (mm)	Colour		Standard					PCR clean		Biopur (sterile)	
					Bulk	epT.I.P.S. Reloads	epT.I.P.S. Box**	epT.I.P.S. Set*	epT.I.P.S. Rack	epT.I.P.S. Reloads	epT.I.P.S. Rack	Individual packaging	epT.I.P.S. Rack
	0.1 - 10	34	Dark grey	Cat. No. IVD	-	033671	033654	033663	-	033679	-	-	-
				Cat. No. GLP	-	934247	934230	934239	-	934258	-	-	-
				Cat. No. without marking	033642	-	-	-	-	-	-	-	-
				Units/box	2 x 500	10 x 96	96	5 x 96	-	10 x 96	-	-	-
				€/box	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	-	-
	0.1 - 20	40	Medium grey	Cat. No. IVD	-	033672	033655	033664	-	033680	-	033651	033687B
				Cat. No. GLP	-	934248	934231	934240	-	934259	-	934227	934266B
				Cat. No. without marking	033643	-	-	-	-	-	-	-	-
				Units/box	2 x 500	10 x 96	96	5 x 96	-	10 x 96	-	100	5 x 96
				€/box	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	N/A -	N/A -
	0.5-20 L	46	Light grey	Cat. No. IVD	-	033673	033656	033665	-	033681	-	-	-
				Cat. No. GLP	-	934249	934232	934241	-	934260	-	-	-
				Cat. No. without marking	033644	-	-	-	-	-	-	-	-
				Units/box	2 x 500	10 x 96	96	5 x 96	-	10 x 96	-	-	-
				€/box	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	-	-
	2-200	53	Yellow	Cat. No. IVD	-	033674	033657	033666	-	033682	-	033652	033688B
				Cat. No. GLP	-	934250	934233	934242	-	934261	-	934228	934267B
				Cat. No. without marking	033645	-	-	-	-	-	-	-	-
				Units/box	2 x 500	10 x 96	96	5 x 96	-	10 x 96	-	100	5 x 96
				€/box	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	N/A -	N/A -
	20-300	55	Orange	Cat. No. IVD	-	033675	033658	033667	-	033683	-	-	033689B
				Cat. No. GLP	-	934251	934234	934243	-	934262	-	-	934268B
				Cat. No. without marking	033646	-	-	-	-	-	-	-	-
				Units/box	2 x 500	10 x 96	96	5 x 96	-	10 x 96	-	-	5 x 96
				€/box	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	-	N/A -
	50-1000	71	Blue	Cat. No. IVD	-	033676	033659	033668	-	033684	-	033653	033690B
				Cat. No. GLP	-	934252	934235	934244	-	934263	-	934229	934269B
				Cat. No. without marking	033647	-	-	-	-	-	-	-	-
				Units/box	2 x 500	10 x 96	96	5 x 96	-	10 x 96	-	100	5 x 96
				€/box	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	N/A -	N/A -
	50-1250	76	Green	Cat. No. IVD	-	033677	033660	033669	-	033685	-	-	033691B
				Cat. No. GLP	-	934253	934236	934245	-	934264	-	-	934270B
				Cat. No. without marking	033648	-	-	-	-	-	-	-	-
				Units/box	2 x 500	10 x 96	96	5 x 96	-	10 x 96	-	-	5 x 96
				€/box	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	-	N/A -
	50-1250 L	103	Dark green	Cat. No. IVD	-	035655	035657	-	-	035656	-	-	035658B
				Cat. No. GLP	-	934255	934257	-	-	934256	-	-	934273B
				Cat. No. without marking	035654	-	-	-	-	-	-	-	-
				Units/box	2 x 500	10 x 96	96	-	-	10 x 96	-	-	5 x 96
				€/box	N/A -	N/A -	N/A -	-	-	N/A -	-	-	N/A -
	500-2500	115	Red	Cat. No. IVD	-	033678	033661	033670	-	033686	-	-	033692B
				Cat. No. GLP	-	934254	934237	934246	-	934265	-	-	934271B
				Cat. No. without marking	033649	-	-	-	-	-	-	-	-
				Units/box	5 x 100	10 x 48	48	5 x 48	-	10 x 48	-	-	5 x 48
				€/box	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	-	N/A -
	100-5000	120	Violet	Cat. No. IVD	033650	-	033662	-	-	-	-	-	933183B
				Cat. No. GLP	-	-	934238	-	934478	-	934481	-	934274B
				Cat. No. without marking	033650	-	-	-	-	-	-	-	-
				Units/box	5 x 100	-	24	-	5 x 24	-	5 x 24	-	5 x 24
				€/box	N/A -	-	N/A -	-	N/A -	-	N/A -	-	N/A -
	200-5000	175	Violet	Cat. No. IVD	-	-	-	-	-	-	-	-	033329B
				Cat. No. GLP	-	-	-	-	934479	-	-	-	934272B
				Cat. No. without marking	033327	-	-	-	-	-	-	-	-
				Units/box	2 x 100	-	-	-	5 x 24	-	-	-	5 x 24
				€/box	N/A -	-	-	-	N/A -	-	-	-	N/A -
	500 - 10000	165	Turquoise	Cat. No. IVD	-	-	-	-	-	-	-	-	933236B
				Cat. No. GLP	-	-	-	-	934480	-	-	-	934275B
				Cat. No. without marking	933217	-	-	-	-	-	-	-	-
				Units/box	3 x 100	-	-	-	5 x 24	-	-	-	5 x 24
				€/box	N/A -	-	-	-	N/A -	-	-	-	N/A -
 (long, graduated)	500-10000 L	243	Turquoise	Cat. No. without marking	033328	-	-	-	-	-	-	-	-
				Units/box	2 x 100	-	-	-	-	-	-	-	-
				€/box	N/A -	-	-	-	-	-	-	-	-

Tips not shown to scale. Refer to the lengths (in mm) in the table
* 1 epT.I.P.S. box + 5 epT.I.P.S refills ** Boxes loaded with tips

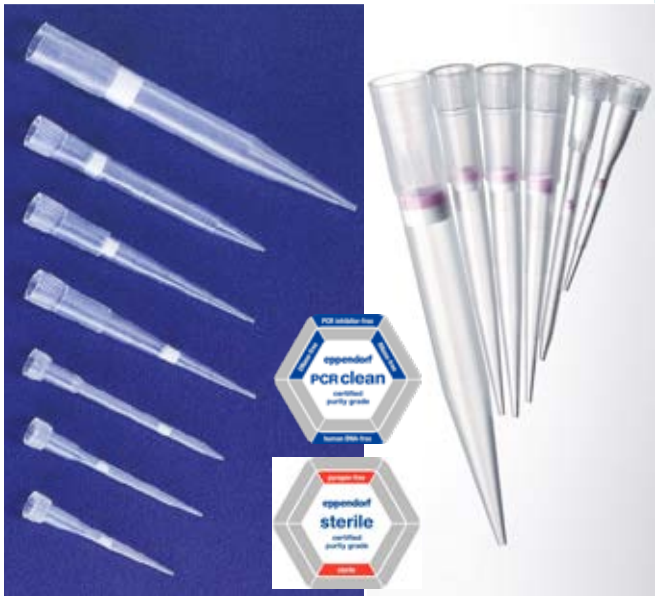
Find photos of the different packaging at www.dulis.nl

ep Dualfilter T.I.P.S. and ep Dualfilter T.I.P.S. SealMax Eppendorf

- Double protection with double filter (for both pipette and sample)
- Retains aerosols and biomolecules
- LoRetention version: with ultra-smooth surface to allow perfect flow of even the stickiest liquids such as PCR Mix
- SealMax version: biomolecules and a reliable barrier against liquids
- Forensic DNA version: ISO 18385 certified, free of human DNA, DNase, RNase and PCR inhibitor
- Unique manufacturing process without release agents, plasticizers or biocides. The integrity of the samples is guaranteed
- No additives or PCR inhibitors
- Eppendorf PCR clean quality, sterile and pyrogen free
- Batch certification

DNase RNase





Volume (µl)	0.1 - 10	0.1 - 10	0.5 - 20	2 - 20	2 - 100	2 - 200	20 - 300	50 - 1000	50 - 1250	250 - 2500	100 - 5000	200 - 5000	500 - 10000
Length (mm)	34	40	46	53	53	55	55	76	103	115	120	175	243
Colour	Dark grey	Medium grey	Light grey	Yellow	Yellow	Yellow	Orange	Blue	Dark green	Red	Violet	Violet	Turquoise
Units/box	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	5 x 96	5 x 48	5 x 24	5 x 24	100
Standard	**033693B**	**033694B**	**033695B**	**033699B**	**033696B**	**033910B**	**033697B**	**033698B**	**035659B**	**934482**	**033907B**	**933237B**	**033330**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Lo-Retention	-	**035097B**	-	**035098B***	**035099B**	-	**035345B**	**035346B**	-	-	-	-	-
€/box	-	**N/A -**	-	**N/A -**	**N/A -**	-	**N/A -**	**N/A -**	-	-	-	-	-
SealMax	**933103B**	-	**933104B**	-	**933105B**	**933106B**	**933107B**	**933099B**	-	-	-	-	-
€/box	**N/A -**	-	**N/A -**	-	**N/A -**	**N/A -**	**N/A -**	**N/A -**	-	-	-	-	-
Forensic DNA	-	**933923B**	-	**933924B**	-	**933925B**	-	**933926B**	-	-	-	-	-
€/box	-	**N/A -**	-	**N/A -**	-	**N/A -**	-	**N/A -**	-	-	-	-	-

* Volume: 0.5 -20 µl

EpT.I.P.S. tips Eppendorf LoRetention

- Ultra-homogeneous surface for maximum reproducibility
- Minimal sample loss due to ultra-hydrophobic surface
- Significantly reduced foam formation during pipetting
- Autoclavable and chemical resistant
- epT.I.P.S. Reloads: a set of 10 trays that can be placed in the epT.I.P.S. Box (see page 486)



		epT.I.P.S. Reloads		epT.I.P.S. Set**		epT.I.P.S. Reloads PCR Clean		epT.I.P.S. with filter Dualfilter PCR Clean sterile	
Volume (µl)	**Units/ box***	**Cat. No.**	**€/ box**	**Cat. No.**	**€/ box**	**Cat. No.**	**€/ box**	**Cat. No.**	**€/ box**
0.1 - 10 S	10 x 96	**035093**	**N/A -**	**035714**	**N/A -**	**035088**	**N/A -**	**035097B**	**N/A -**
0.5 - 20 L	10 x 96	**035094**	**N/A -**	**035715**	**N/A -**	**035089**	**N/A -**	**035098B**	**N/A -**
2 - 100	10 x 96	-	-	-	-	-	-	**035099B**	**N/A -**
2 - 200	10 x 96	**035095**	**N/A -**	**035716**	**N/A -**	**035091**	**N/A -**	-	-
20 - 300	10 x 96	-	-	-	-	-	-	**035345B**	**N/A -**
50 - 1000	10 x 96	**035096**	**N/A -**	**035717**	**N/A -**	**035092**	**N/A -**	**035346B**	**N/A -**
50 - 1250	480	-	-	-	-	-	-	**035659B**	**N/A -**

* 10 x 96 tip boxes ** = 1 epT.I.P.S. Box + 5 epT.I.P.S. refill Reloads (5 x 96)

Enter the Cat. No. on dulis.nl to see the Eppendorf Purity Level Guide



WEB

EpT.I.P.S. tips 384 and epT.I.P.S. Dualfilter 384

				EpT.I.P.S. 384				EpT.I.P.S. Dualfilter 384
				Standard			PCR clean	PCR clean/sterile
				epT.I.P.S Reloads	epT.I.P.S Set	Box	epT.I.P.S Reloads	EpT.I.P.S Rack
Volume (µl)	**Long. (mm)**	**Colour code**	**Units/box**	10 x 384	5 x 384	1 x 384	10 x 384	10 x 384
0.1 - 20	42	Light pink	**Cat. No. GLP**	**934315**	**934313**	-	**934311**	**934321B**
			€/box	**N/A -**	**N/A -**	-	**N/A -**	**N/A -**
			Cat. No. CE/IVD	-	-	**934319**	**934317**	-
			€/box	-	-	**N/A -**	**N/A -**	-
0.5 - 100	53	Light yellow	**Cat. No. GLP**	**934316**	**934314**	-	**934312**	**934322B**
			€/box	**N/A -**	**N/A -**	-	**N/A -**	**N/A -**
			Cat. No. CE/IVD	-	-	**934320**	**934318**	-
			€/box	-	-	**N/A -**	**N/A -**	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

Eppendorf TrackIT



- RFID chip reading of Eppendorf micropipettes
- Centralized storage of essential information, such as calibration data for each micropipette

Cat. No.	Description	€
933039	Eppendorf TrackIT, software and RFID reader	N/A -

Eppendorf pipette carousels, charger holders and wall-mounting devices


933908


933909


933913


933917


933910
933911


933912

- The manual micropipette carousel holder is compatible with all existing Eppendorf pipettes and most pipettes from previous ranges
- The carousel charger rack holds up to six electronic devices thanks to the magnetic connector that allows for quick and easy connection
- Micropipette holders can be mounted on the wall or on carousel racks (no tools required, wall mounting tape included)

Racks

Cat. No.	Description	€
933908	Carousel rack for 6 single or multi channel manual pipettes	N/A -
933909	Charging carousel rack for 6 pipettes Xplorer® / Xplorer® plus, with power adapter	N/A -
933910	Charging rack for 1 pipette Xplorer® / Xplorer® plus, without power adapter*	N/A -
933911	Charging rack for 1 pipette Multipette® E3/ E3x or Stream/Xstream, without power adapter*	N/A -
933912	Rack for 1 pipette Multipette® M4 without loading functionality	N/A -

Stands

Cat. No.	Description	€
933913	Holder for 1 pipette Research®, Research® plus, Reference®, Reference® 2 or Biomaster	N/A -
933914	Holder for 1 pipette Xplorer® or Xplorer® plus	N/A -
933915	Holder for 1 pipette Multipette® E3/E3x or Multipette® Stream/Xstream	N/A -
933916	Holder for 1 pipette Multipette® M4	N/A -
933917	Charging stand for 1 pipette Xplorer® or Xplorer® plus	N/A -
933918	Charging stand for 1 pipette Multipette® E3/E3x or Multipette® Stream/Xstream	N/A -

* For use with the charger supplied with the pipettes.

Thermoscientific micropipettes

Model	F1-ClipTip	E1 Clip-Tip	E1 Clip-Tip Equalizer	Finnpipette F1	Finnpipette F2	Finnpipette F3	Novus
Operating mode	Manual	Electronic	Electronic	Manual	Manual	Manual	Electronic
Adjustable spacing between tips	No	No	Yes	No	No	No	No
Highlights	Clip Tip technology, lightweight, rotating finger rest	ClipTip technology, motorized ejection, index control, 30 recordable pipetting protocols		Lightweight, adjustable finger rest, power ejector, volume lock	Lightweight, low tip attachment force, power ejector, UV resistant		Balanced handling, 10 functions and 9 pipetting speeds, programmable
Volume range	0.1 µl - 1 ml	0.5 µl - 1.25 ml		0.2 - 10 ml			0.1 µl - 10 ml
Available options	1 channel, 8 channel, 12 channel	1 channel, 8 channel, 12 channel, 16 channel	6, 8 and 12 channel	1 channel, 8 channel, 12 channel, 16 channel	1 channel, 8 channel, 12 channel, 16 channel	1-channel	1 channel, 8 channel, 12 channel, 16 channel
Autoclavable parts	Lower part and ejector	Lower part and ejector	Entirely	Lower part and ejector	Entirely	Lower part and ejector	Lower part

Finnpipettes F1-ClipTip and E1-ClipTip

ClipTip technology

- **Locking tip system with snap-on flange assembly and full seal**
- **Ensures greater safety: no risk of the tip coming loose or falling out**
- **Requires very low tip attachment and ejection force**
- **ClipTip micropipettes can only be used with ClipTip tips**

Finnpipette F1-ClipTip

- **Lightweight and ergonomically optimised with rotating finger rest**
- **Lockable volume adjustment**



F1-ClipTip

F1-ClipTip Pipettes, single-channel, variable volume

Volume (µl)	Increment (µl)	Suitable tips	Cat. No.	€
0.1 - 2	0.002	ClipTip 12.5 ext.	**228846**	**N/A -**
1 - 10	0.02	ClipTip 12.5 ext.	**228842**	**N/A -**
2 - 20	0.02	ClipTip 20	**228386N**	**N/A -**
5 - 50	0.1	ClipTip 50	**228387N**	**N/A -**
10 - 100	0.2	ClipTip 200	**228388N**	**N/A -**
20 - 200	0.2	ClipTip 200	**228389N**	**N/A -**
30 - 300	1	ClipTip 300	**228390N**	**N/A -**
100 - 1000	1	ClipTip 1000	**228391N**	**N/A -**

F1-ClipTip multichannel variable volume pipettes

			8-channel		12-channel	
Volume (µl)	Increment (µl)	Suitable tips	Cat. No.	€	Cat. No.	€
1 - 10	0.02	ClipTip 12.5 ext.	**228844**	**N/A -**	**228845**	**N/A -**
5 - 50	0.1	ClipTip 50	**228404N**	**N/A -**	**228408N**	**N/A -**
10 - 100	0.2	ClipTip 200	**228405N**	**N/A -**	**228409N**	**N/A -**
30 - 300	1	ClipTip 300	**228406N**	**N/A -**	**228410N**	**N/A -**



Kit 1 F1-ClipTip GLP

F1-ClipTip GLP Kits

Cat. No.	Description	€
228411N	**Kit 1 F1-ClipTip GLP** • F1-ClipTip: 1 - 10 µl single channel, 10-100 µl single channel, 100 - 1000 µl single channel • F-Series Rack • ClipTip: 1 rack, 1 rack 200 µl, 1 rack 1000 µl • 25 ml tank, 25 ml split tank, 100 ml split tank	**N/A -**
228412N	**Kit 2 F1-ClipTip GLP** • F1-ClipTip: 2 - 20 µl single channel, 20 - 200 µl single channel, 100 - 1000 µl single channel, 30 - 300 µl 8 channel • F-Series Rack • ClipTip: 20 µl rack, 200 µl rack, 1000 µl rack • 25 ml tank, 25 ml split tank, 100 ml split tank	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Finnpipettes F1-ClipTip and E1-ClipTip (continued)







Electronic Finnpipettes E1 ClipTip

- **Intuitive and ergonomic with motorised ejection and index finger control of the pipette**
- **Bluetooth or USB connection to a computer to create and share programs between E1 pipettes**
- **Up to 30 pipetting protocols can be stored**
- **Loading time of only 2 hours**

E1-ClipTip Pipettes, single-channel variable volume

Volume (µl)	Increment (µl)	Suitable tips	Cat. No.	€
0.5 - 12.5	0.01	ClipTip 12.5	**228571BT**	**N/A -**
2 - 125	0.1	ClipTip 200	**228572BT**	**N/A -**
10 - 300	0.1	ClipTip 300	**228573BT**	**N/A -**
15 - 1250	1	ClipTip 1250	**228574BT**	**N/A -**

E1-ClipTip multichannel variable volume pipettes

			8-channel		12-channel		16-channel*	
Volume (µl)	Increment (µl)	Suitable tips	Cat. No.	€	Cat. No.	€	Cat. No.	€
0.5 - 12.5	0.01	ClipTip 12.5	**228575BT**	**N/A -**	**228579BT**	**N/A -**	**228583BT**	**N/A -**
1 - 30	0.01	ClipTip 30	-	-	-	-	**228584BT**	**N/A -**
2 - 125	0.1	ClipTip 200	**228576BT**	**N/A -**	**228580BT**	**N/A -**	**228585BT**	**N/A -**
10 - 300	0.1	ClipTip 300	**228577BT**	**N/A -**	**228581BT**	**N/A -**	-	-
30 - 850	1	ClipTip 1000	-	-	**228582BT**	**N/A -**	-	-
15 - 1250	1	ClipTip 1250	**228578BT**	**N/A -**	-	-	-	-

* Only compatible with the corresponding Cliptip 384 racks.

E1-ClipTip Equalizer Pipettes

Pipettes with adjustable volume and space between the tips.

			6-channel		8-channel	
Volume (µl)	Increment (µl)	Suitable tips	Cat. No.	€	Cat. No.	€
2 - 125	0.1	ClipTip 200	-	-	**228587BT**	**N/A -**
10 - 300	0.1	ClipTip 300	-	-	**228588BT**	**N/A -**
15 - 1250	1	ClipTip 1250	**228586BT**	**N/A -**	**228589BT**	**N/A -**

E1-ClipTip Equalizer 384 Pipettes

Pipettes with adjustable volume and tip spacing, suitable for 384-well plates.
Use only with ClipTip 384 tips.

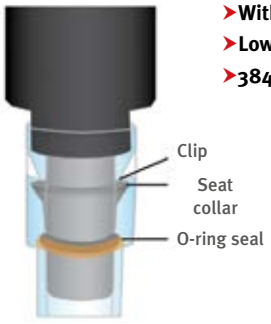
			8-channel		12-channel	
Volume (µl)	Increment (µl)	Suitable tips	Cat. No.	€	Cat. No.	€
0.5 - 12.5	0.01	ClipTip 12.5	**228590BT**	**N/A -**	**228593BT**	**N/A -**
1 - 30	0.01	ClipTip 30	**228591BT**	**N/A -**	**228594BT**	**N/A -**
2 - 125	0.1	ClipTip 200	**228592BT**	**N/A -**	**228595BT**	**N/A -**

ClipTip Tips

Type	Length (mm)	Step Size (mm)	Ø int. (mm)
ClipTip 12.5	30	9	0.4
ClipTip 20	46	17	0.4
ClipTip 50	51	17	0.4
ClipTip 200	56	22	0.5
ClipTip 300	63	22	0.6
ClipTip 1000	95	32	1.1
ClipTip 1250	103	32	0.9
ClipTip 384 - 12.5	30	9	0.4
ClipTip 384 - 30	44	9	0.4
ClipTip 384 - 125	64	9	0.5

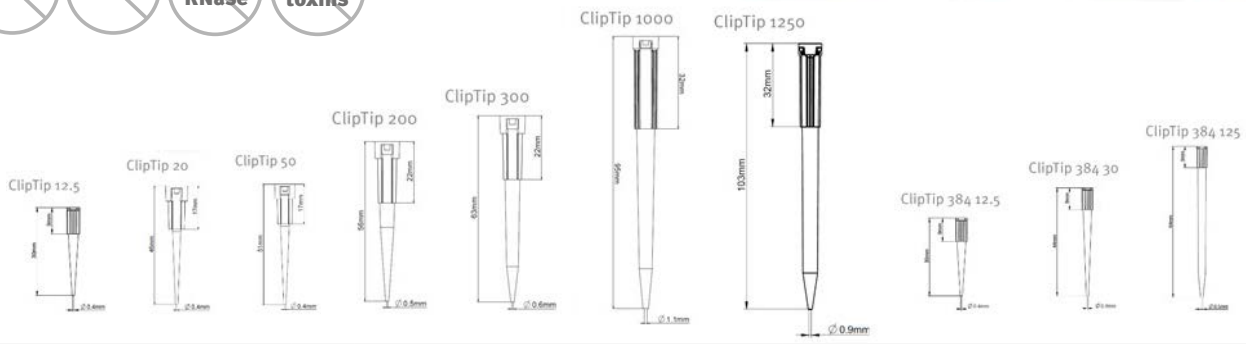
DNA ATP DNase RNase Endo-toxins

ClipTip System



- Colour coding of tip trays and marking of batch and volumes
- With or without filter (14 µm pore super-filters)
- Low retention Tips
- 384 tips are specially adapted to the E1-ClipTip Equalizer 384 pipette





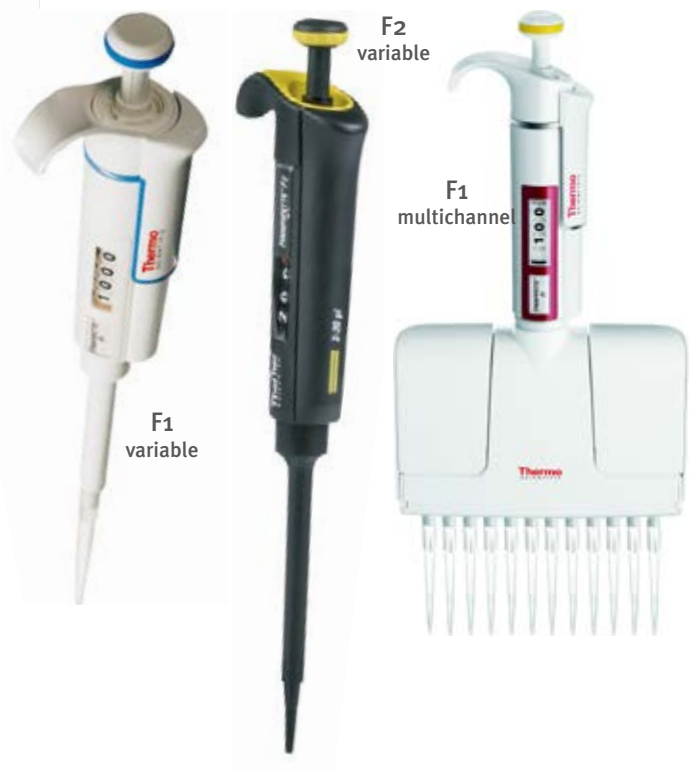
			In a rack			In sterile rack			In refill			In sterile refill			In sterile rack with filter			In sterile refill with filter		
Type	Vol. Range (µl)	Colour code	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
ClipTip 12.5	0.5 - 12.5	Pink	228606	10 x 96	N/A -	228607	10 x 96	N/A -	-	-	-	-	-	-	228608	10 x 96	N/A -	-	-	-
ClipTip 12.5 ext.	01 - 12.5	Pink	228847	10 x 96	N/A -	228848	10 x 96	N/A -	-	-	-	-	-	-	228849	10 x 96	N/A -	-	-	-
ClipTip 20	1 - 20	Pink	228352	10 x 96	N/A -	228353	10 x 96	N/A -	228354	10 x 96	N/A -	228355	10 x 96	N/A -	228356	10 x 96	N/A -	228357	10 x 96	N/A -
ClipTip 50	5 - 50	Violet	228358	10 x 96	N/A -	228359	10 x 96	N/A -	228360	10 x 96	N/A -	228361	10 x 96	N/A -	228362	10 x 96	N/A -	-	-	-
ClipTip 200	2 - 200	Yellow	228364	10 x 96	N/A -	228365	10 x 96	N/A -	228366	10 x 96	N/A -	228367	10 x 96	N/A -	228368	10 x 96	N/A -	228369	10 x 96	N/A -
ClipTip 300	10 - 300	Orange	228370	10 x 96	N/A -	228371	10 x 96	N/A -	228372	10 x 96	N/A -	228373	10 x 96	N/A -	228374	10 x 96	N/A -	228375	10 x 96	N/A -
ClipTip 300 ext. Low retention	10 - 300	Orange	228853	10 x 96	N/A -	228854	10 x 96	N/A -	228855	10 x 96	N/A -	228857	10 x 96	N/A -	228856	10 x 96	N/A -	-	-	-
ClipTip 1000	30 - 1000	Blue	228376	10 x 96	N/A -	228377	10 x 96	N/A -	228378	10 x 96	N/A -	228379	10 x 96	N/A -	228380	8 x 96	N/A -	228381	10 x 96	N/A -
ClipTip 1250	50 - 1250	Turquoise	228609	8 x 96	N/A -	228610	8 x 96	N/A -	228611	8 x 96	N/A -	228612	8 x 96	N/A -	228613	8 x 96	N/A -	228614	8 x 96	N/A -
ClipTip 384 - 12.5	0.5 - 12.5	Pink	228597	10 x 384	N/A-	228598	10 x 384	N/A -	-	-	-	-	-	-	228599	10 x 384	N/A-	-	-	-
ClipTip 384 - 12.5 ext.	0.5 - 12.5	Pink	228850	10 x 384	N/A-	228851	10 x 384	N/A -	-	-	-	-	-	-	228852	10 x 384	N/A-	-	-	-
ClipTip 384 - 30	1 - 30	Violet	228600	10 x 384	N/A-	228601	10 x 384	N/A -	-	-	-	-	-	-	228602	10 x 384	N/A-	-	-	-
ClipTip 384 - 125	2 - 125	Yellow	228603	10 x 384	N/A-	228604	10 x 384	N/A -	-	-	-	-	-	-	228605	10 x 384	N/A-	-	-	-

Empty racks

Cat. No.	Type	Colour	€ 10 units
228382	Small	Pink / Violet	N/A -
228383	Medium	Yellow / Orange	N/A -
228858	-	Orange	N/A -
228384	Big	Blue	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Finnpipettes F1, F2 and F3



Common features

- Lightweight handle, little force required for attachment, tip ejection and pipetting
- Patented "Super Blow-out" system: an additional volume of air is blown in to increase the accuracy of microvolumes up to 50 µl
- "Ergovision" display: Black number on white background for better readability
- Each pipette is delivered with: a calibration certificate, a removal/calibration key, an adhesive holder
- Also available in fixed volume, find them on our website
- Warranty: 3 years

Features Finnpipette F1

- Finger rest can be adjusted to 120 °C to suit left and right handed users
- Power-assisted ejector: reduces tip ejection pressure by 50% and limits liquid splashing
- Lockable volume adjustment
- Autoclavable lower part

Finnpipette F2 Features

- Resistant to UV Materials
- Fully autoclavable without disassembly
- Power-assisted ejector: reduces tip ejection pressure by 50% and limits liquid splashing
- Double-action push button to prevent accidental volume changes during operation

Features Finnpipette F3

- Resistant to UV Materials
- Autoclavable lower part
- Double-action push button to prevent accidental volume changes during operation

Finnpipettes F1 F2 and F3, single channel, variable volume

			Finnpipettes F1		Finnpipettes F2		Finnpipettes F3	
Volume (µl)	Increment (µl)	Suitable tips	Cat. No.	€	Cat. No.	€	Cat. No.	€
0.2 - 2	0.002	Flex 10, 10, 50 micro	050635N	N/A -	050600	N/A -	-	-
0.5 - 5	0.01	Flex 10, 10, 50 micro	050636N	N/A -	050601	N/A -	-	-
1 - 10 (micro)	0.02	Flex 10, 10, 50 micro	050637N	N/A -	050602	N/A -	050673	N/A -
1 - 10	0.02	Flex 200, 250 Univ.	050638N	N/A -	050603	N/A -	050674	N/A -
2 - 20 (micro)	0.02	50 micro	050639N	N/A -	050604	N/A -	050675	N/A -
2 - 20	0.02	Flex 200, 250 Univ.	050640N	N/A -	050605	N/A -	050676	N/A -
5 - 50 (micro)	0.02	50	050692N	N/A -	050694	N/A -	050690	N/A -
5 - 50	0.02	Flex 200, 250 Univ., 300, 200 lenght	050693N	N/A -	050695	N/A -	050691	N/A -
10 - 100	0.2	Flex 200, 250 Univ., 300, 200 lenght	050641N	N/A -	050606	N/A -	050677	N/A -
20 - 200	0.2	Flex 200, 250 Univ., 300, 200 lenght	050642N	N/A -	050607	N/A -	050678	N/A -
30 - 300	1	Flex 300, 300	050643N	N/A -	-	-	-	-
100 - 1000	1	Flex 1000, 1000, 1000 lenght	050644N	N/A -	050608	N/A -	050679	N/A -
500 - 5000	10	5 ml	050645N	N/A -	050609	N/A -	050697	N/A -
1000 - 10000	20	10 ml	050646N	N/A -	050610	N/A -	050680	N/A -

Finnpipettes F1, F2 and F3 Packs

	GLP-Kit-1	GLP-Kit-2	GLP-Kit-3	GLP-Kit4	Starter Pack
Includes: Finnpipettes (models shown): + F-Stand + Finntips + tanks	1 - 10 µl micro 10 - 100 µl 100 - 1000 µl	0.2 - 2 µl 2 - 20 µl standard 20 - 200 µl 100 - 1000 µl	10 - 100 µl 100 - 1000 µl 1 - 10 ml	2 - 20 µl standard 20 - 200 µl 100 - 1000 µl	2 - 20 µl standard 20 - 200 µl 100 - 1000 µl 1 - 10 ml
Finnpipette F1 Pack	4700850N	4700860N	4700865N	4701060N	-
€	N/A -	N/A -	N/A -	N/A -	-
Finnpipette F2 Pack	4700870	4700880	4700885	4701070	-
€	N/A -	N/A -	N/A -	N/A -	-
Finnpipette F3 Pack	-	-	-	-	4701290
€	-	-	-	-	N/A -

Multi-channel F1 and F2 Finnpipettes

				Finnpipettes F1		Finnpipettes F2	
No. channel	Vol. (µl)	Increment (µl)	Suitable tips	Cat. No.	€	Cat. No.	€
8	1.0-10	0.02	Flex 10, 10, 50 micro	050660N	N/A-	050624	N/A-
8	5-50	0.1	Flex 200, 250 Univ, 200 lenght	050661N	N/A-	050625	N/A-
8	10-100	0.2	Flex 200, 250 Univ, 200 lenght	050662N	N/A-	050626	N/A-
8	30-300	1	Flex 300, 300	050663N	N/A-	050627	N/A-
12	1.0-10	0.02	Flex 10, 10, 50 micro	050664N	N/A-	050628	N/A-
12	5-50	0.1	Flex 200, 250 Univ, 200 lenght	050665N	N/A-	050629	N/A-
12	10-100	0.2	Flex 200, 250 Univ, 200 lenght	050666N	N/A-	050630	N/A-
12	30-300	1	Flex 300, 300	050667N	N/A-	050631	N/A-
16	1.0-10	0.02	Flex 10 (384), 50 micro	050668N	N/A-	050632	N/A-
16	5-50	0.1	50 micro	050669N	N/A-	050633	N/A-

Novus Electronic Finnpipettes

- Balanced grip and power-assisted tip ejector
- Digital display, illuminated screen, for viewing all parameters
- 10 pipetting functions: direct or reverse, dilute, mix, repeat or sequential dispensing
- 9 pipetting and dispensing speeds
- Programmable according to the user's applications
- Recalibratable in laboratory according to ISO 8655 protocol
- Supplied with charger
- Autoclavable lower part



Novus Single-channel

Volume (µl)	Increment (µl)	Suitable tips	Cat. No.	€
1 -10 micro	0.01	10 µl	047717	N/A -
1 - 10	0.01	250 µl universal, 200 lenght	047718	N/A -
5 - 50 micro	0.1	50 µl	047719	N/A -
5 - 50	0.1	250 µl universal, 200 lenght	047720	N/A -
10 - 100	0.1		047721	N/A -
30 - 300	1	Flex 300 µl	047722	N/A -
100 - 1000	1	1000 µl	047723	N/A -
500 - 5000	10	5 ml	047724	N/A -
1000 - 10000	10	10 ml	047725	N/A -

Novus Multi-channel

Volume (µl)	Increment (µl)	Suitable tips	Channels	Cat. No.	€
1 - 10	0.1	10, 20, 50 µl	8	047263	N/A -
1 - 10	0.1		12	047264	N/A -
5 - 50	0.1	250 µl	8	047265	N/A -
5 - 50	0.1		12	047266	N/A -
5 - 50	0.5	50 µl	16	047267	N/A -
30 - 300	1	Flex 300 µl	8	047268	N/A -
30 - 300	1		12	047269	N/A -
100 - 1200	1		8	047270	N/A -

Accessory

Cat. No.	Description	€
047270	Rack for Finnpipettes novus	N/A -

Novus Finnpipettes GLP Kits

Complete kits with 2 or 3 Novus Finnpipettes, racks and Finntips tips.

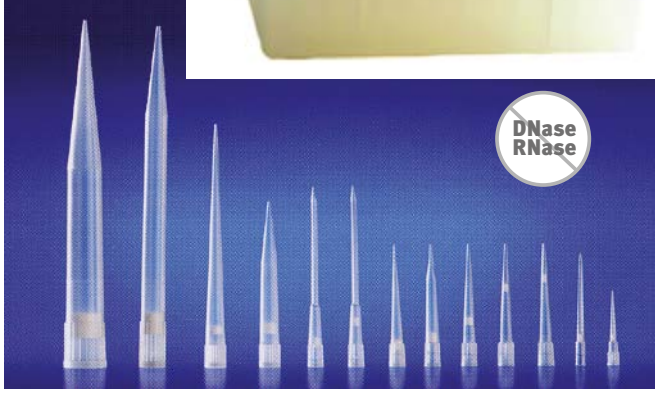
	kit GLP1 Novus	kit GLP2 Novus	kit GLP3 Novus	kit GLP4 Novus
Includes	- 1 Novus 10 - 100 µl - 1 Novus 100 - 1000 µl - 2 Novus racks - 2 Finntips Flex racks	- 1 Novus 100 - 1000 µl - 1 Novus 0.5 - 5 ml - 2 racks Novus - 2 Finntips Flex racks	- 1 Novus 1 - 10 µl micro - 1 Novus 10 - 100 µl - 1 Novus 100 - 1000 µl - 3 racks Novus - 3 Finntips Flex racks	- 1 Novus 10 - 100 µl - 1 Novus 100 - 1000 µl - 1 Novus 1 ml - 10 ml - 3 racks Novus - 3 Finntips Flex racks
Cat. No.	4700470	4700490	4701120	4701130
€	N/A -	N/A -	N/A -	N/A -



Finntips sterile filter tips

Cat. No.	Finntip with filter	Volume	Racks	€
047083	0.2 - 10 µl micro sterile	0.2 - 10 µl	10 x 96	N/A -
047084	384, 20 µl micro sterile	0.5 - 20 µl	10 x 384	N/A -
047601	384, 50 µl sterile	0.2 - 50 µl	10 x 384	N/A -
047086	10 µl sterile	0.5 - 10 µl	10 x 96	N/A -
047951	10 µl Flex sterile	0.5 - 10 µl	10 x 96	N/A -
047087	20 µl sterile	0.5 - 20 µl	10 x 96	N/A -
047856	30 µl Flex sterile	0.5 - 30 µl	10 x 96	N/A -
047089	100 µl long sterile	0.5 - 100 µl	10 x 96	N/A -
047088	100 µl sterile	0.5 - 100 µl	10 x 96	N/A -
047853	100 µl Flex sterile	0.5 - 100 µl	10 x 96	N/A -
047090	200 µl sterile	0.5 - 200 µl	10 x 96	N/A -
047091	200 µl ext. sterile	0.5 - 200 µl	10 x 96	N/A -
050698	200 µl Flex sterile	0.5 - 200 µl	10 x 96	N/A -
047092	300 µl sterile	5 - 300 µl	10 x 96	N/A -
047857	300 µl Flex sterile	5 - 300 µl	10 x 96	N/A -
047254	1000 µl sterile	100 - 1000 µl	10 x 96	N/A -
047255	1000 µl ext. sterile	100 - 1000 µl	5 x 96	N/A -
047854	1000 µl Flex sterile	100 - 1000 µl	10 x 96	N/A -
047855	1200 µl Flex sterile	100 - 1200 µl	10 x 96	N/A -
047259	1500 µl sterile	50 - 1500 µl	10 x 96	N/A -
047162	5 ml sterile	1 - 5 ml	5 x 54	N/A -
047096	10 ml sterile	2 - 10 ml	5 x 24	N/A -
047913	10 ml Flex sterile l=26.7 mm	2 - 10 ml	50	N/A -





All prices are indicative and exclude VAT. Visit www.dulis.nl

Finntips Tips


10 µl Flex


1200 µl Flex



- Very high precision tips
- Flex tips are more flexible, have better adhesion to the pipette and a sharper tip
- Natural colour, colour-coded racks
- Sterile Finntip certified free of endotoxins, DNA, DNase and RNase (standard, filter and Biocon tips)
- Ext. model: extra long
- Racks with cover

Designation	Volume	Lenght (cm)	Code colour		Bag	on rack	on rack stérile	Refill		Box	Bulk eco	BioCon single sterile
Finntip 10 µl	0.2 - 10 µl	3.2	Pink	Pack.	1000 units	10 x 96	10 x 96	10 x 192*	20 x 192***	-	-	100
				Cat. No.	047042	047043	047044	047260	047257	-	-	047157
				€	N/A -	N/A -	N/A -	N/A -	N/A -	-	-	N/A -
Finntip 10 µl Flex	0.2 - 10 µl	3.3	Pink	Pack.	1000 units	10 x 96	10 x 96	-	20 x 96	-	-	-
				Cat. No.	047950A	047946	047947	-	047949	-	-	-
				€	N/A -	N/A -	N/A -	-	N/A -	-	-	-
Finntip 20 µl	0.2 - 20 µl	3.3	Purple	Pack.	1000 units	10 x 384	10 x 384	-		-	-	-
				Cat. No.	047045	047046	047047	-		-	-	-
				€	N/A -	N/A -	N/A -	-		-	-	-
Finntip 50 µl (For Finnpipette 10 µl and 16 channel 50 µl)	0.2 - 50 µl	4.8	Turquoise	Pack.	1000 units	10 x 384	10 x 384	-		-	-	-
				Cat. No.	047048	047602	047726	-		-	-	-
				€	N/A -	N/A -	N/A -	-		-	-	-
Finntip 200 µl ext.	5 - 200 µl	7.8	Orange	Pack.	-	10 x 96	10 x 96	-		Box of 400	-	-
				Cat. No.	-	047052	047053	-		047051	-	-
				€	-	N/A -	N/A -	-		N/A -	-	-
Finntip 200 µl Flex	5 - 200 µl	6	Yellow	Pack.	1000 units	10 x 96	10 x 96	-	20 x 96	-	-	-
				Cat. No.	047274	047275	047276	-	047278	-	-	-
				€	N/A -	N/A -	N/A -	-	N/A -	-	-	-
Finntip 250 µl Universal	0.5 - 250 µl	5.2	Yellow	Pack.	1000 units	10 x 96	10 x 96	20 x 96	-	box of 500	-	100
				Cat. No.	047055	047057	047058	047059	-	047054	-	047158
				€	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	N/A -
Finntip 250 µl wide (large opening)	0.5 - 250 µl	5.2	White	Pack.	1000 units	10 x 96	10 x 96	-		-	-	-
				Cat. No.	047758	047760	047761	-		-	-	-
				€	N/A -	N/A -	N/A -	-		-	-	-
Finntip 300 µl	5 - 300 µl	5.2	Orange	Pack.	1000 units	10 x 96	10 x 96	10 x 192		-	20 000	-
				Cat. No.	047060	047062	047063	047064		-	047061	-
				€	N/A -	N/A -	N/A -	N/A -		-	N/A -	-
Finntip Flex 300 µl	5 - 300 µl	6.0	Orange	Pack.	1000 units	10 x 96	10 x 96	20 x 96	-	-	-	-
				Cat. No.	047755	047727	047728	047730	-	-	-	-
				€	N/A -	N/A -	N/A -	N/A -	-	-	-	-
Finntip 1000 µl	100 - 1000 µl	7.1	Blue	Pack.	1000 units	10 x 96	10 x 96	5 x 192		box of 200	10 000	50
				Cat. No.	047065	047247	047248	047249		047067	047066	047159
				€	N/A -	N/A -	N/A -	N/A -		N/A -	N/A -	N/A -
Finntip 1000 µl ext.	100 - 1000 µl	10.5	Blue	Pack.	1000	The 5 x 96	The 5 x 96	-		-	-	-
				Cat. No.	047071	047250	047251	-		-	-	-
				€	N/A -	N/A -	N/A -	-		-	-	-
Finntip 1000 µl wide (large opening)	100 - 1000 µl	7.2	White	Pack.	400 units	10 x 96	10 x 96	-		-	-	-
				Cat. No.	047762	047764	047765	-		-	-	-
				€	N/A -	N/A -	N/A -	-		-	-	-
Finntip 1000 µl Flex	100 - 1000 µl	8.7	Blue	Pack.	1000	10 x 96	10 x 96	2 x 8 x 96	-	-	-	-
				Cat. No.	047849	047848	047852	047850	-	-	-	-
				€	N/A -	N/A -	N/A -	N/A -	-	-	-	-
Finntip 1200 µl Flex	50 - 1200 µl	8.7	Turquoise	Pack.	1000	10 x 96	10 x 96	2 x 8 x 96	-	-	-	-
				Cat. No.	047858	047756	047757	047953	-	-		-
				€	N/A -	N/A -	N/A -	N/A -	-	-	-	-
Finntip 5 ml	1 - 5 ml	14.7	Green	Pack.	500 units	5 x 54	5 x 54	-		-	-	-
				Cat. No.	047075	047100	047101	-		-	-	-
				€	N/A -	N/A -	N/A -	-		-	-	-
Finntip 10 ml	2 - 10 ml	15	Red	Pack.	100 units	5 x 24	5 x 24	-		-	-	-
				Cat. No.	047080	047081	047082	-		-	-	-
				€	N/A -	N/A -	N/A -	-		-	-	-
Finntip 10 ml Flex Long	1 - 10 ml	26.7	Red	Pack.	100 units	-	50 (bulk)	-		-	-	-
				Cat. No.	047911	-	050716	-		-	-	-
				€	N/A -	-	N/A -	-		-	-	-
Finntip Multistepper	1500 µl	8.5	Turquoise	Pack.	400 units	10 x 96	10 x 96	-		-	-	-
				Cat. No.	047170	047171	047172	-		-	-	-
				€	N/A -	N/A -	N/A -	-		-	-	-
Finntip PDP 25	0.2 - 25 µl	3.7	Blue light	Pack.	960 units	10 x 96	-	-		-	-	-
				Cat. No.	047139	047140	-	-		-	-	-
				€	N/A -	N/A -	-	-		-	-	-

Tips not shown to scale. Refer to the lengths (in cm) in the table.
* With 4 racks (Starter Kit) *** Loaded tray (without rack)

Thermo Scientific micropipette racks

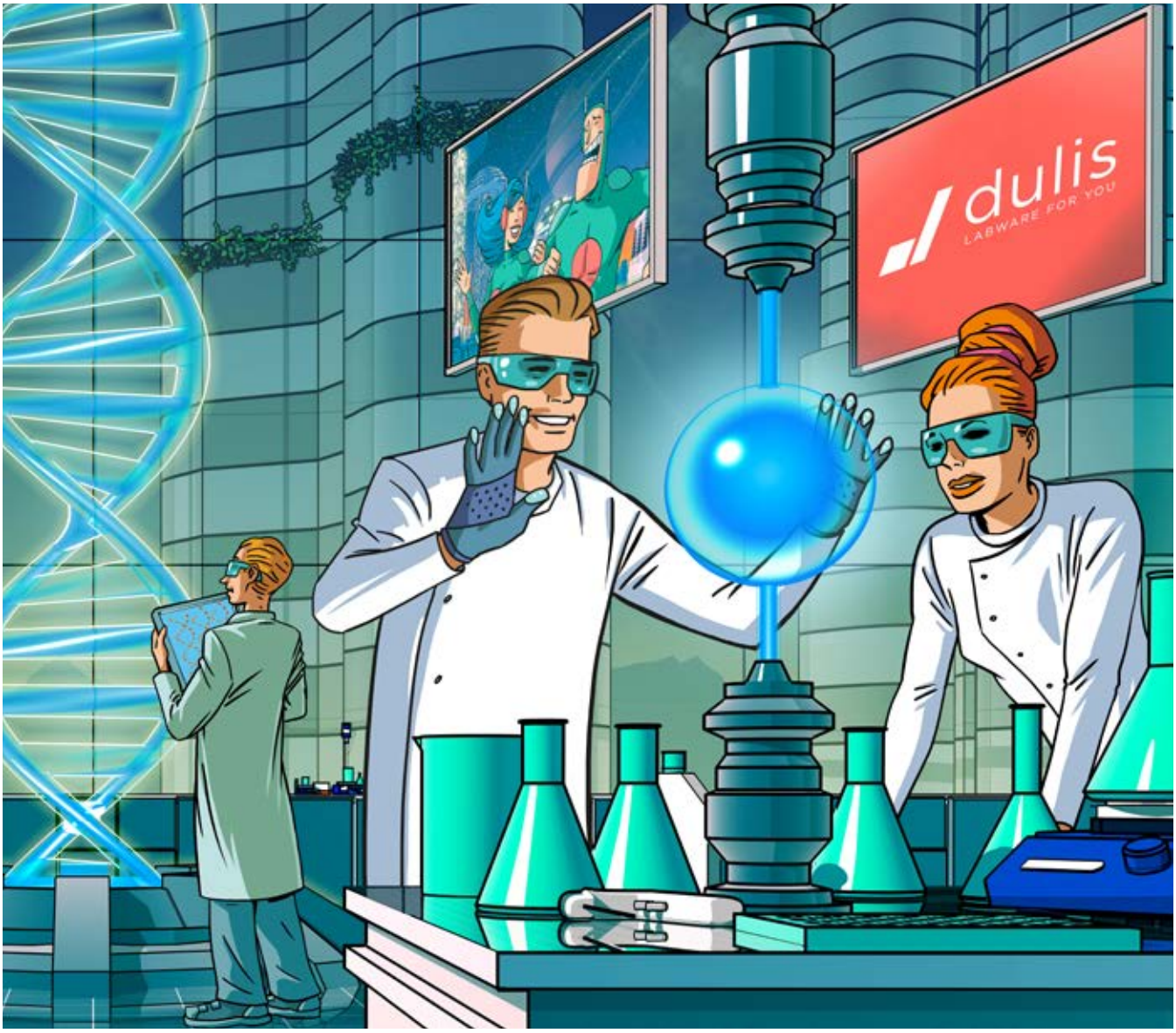








Cat. No.	Description	€
050634	Rack for 6 manual Finnpipettes, white	N/A -
047020	Rack for 6 manual Finnpipettes, grey	N/A -
047134	Rack for 3 manual Finnpipettes	N/A -
050672	Rack for a multi-channel manual Finnpipette	N/A -
047039	Carousel rack with bell for 3 manual or 3 electronic micropipettes	N/A -
047270	Rack for a Novus electronic pipette	N/A -
228596	Rack with integrated charger for 1 E1-ClipTip	N/A -
228653	Rack with integrated charger for 3 E1-ClipTip micropipettes	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Gilson micropipettes

Model	PIPETMAN® Classic	PIPETMAN® G	PIPETMAN® L	PIPETMAN® M
Operating mode	Manual	Manual	Manual	Motorized
Adjustable spacing between tips	No	No	No	No
Highlights	Lightweight and robust	light and robust, low pipetting and ejection force	Balanced weight, optimised grip and very low pipetting force	Lightweight, almost no pipetting force, easy to handle, automated pipetting
Volume range	0.2 µl - 10 ml	0.2 µl - 10 ml	0.5 µl - 10 ml	0.5 µl - 10 ml
Available options	1-channel	1 channel, 8 channel, 12 channel	1 channel, 8 channel, 12 channel	1 channel, 8 channel,12 channel
RFID tracking	No	No	Yes	No
Autoclavable parts	Lower part and ejector	Lower part and ejector	Entirely	Lower part and ejector

PIPETMAN® Classic



- Lightweight micropipette with optimised grip
- Robust, made of highly resistant materials such as PVDF and stainless steel
- Autoclavable lower part and ejector
- Also available in fixed volume, find them on our website
- Warranty: 3 years

Volume (µl)	Suitable tips	Increment (µl)	Cat. No.	€
0.2 - 2	D(F)(L)10	0.002	066001	N/A -
1 - 10		0.02	066002	N/A -
2 - 20	D200, DF30	0.02	066003	N/A -
20 - 100	D200, DF100	0.2	066004	N/A -
50 - 200	D(F)200,D(F)300	0.2	066005	N/A -
200 - 1000	D(F)1000, D(F)1200	2	066006	N/A -
1000 - 5000	D5000	2	066007*	N/A -
1000 - 10000	D10 ml	20	066008*	N/A -

Available with ISO 17025 calibration certificate (Cofrac approved).
* Only compatible with Gilson tips.

PIPETMAN® Classic Kits

	PIPETMAN® Classic Micro Volume Kit	PIPETMAN® Classic Starter Kit	PIPETMAN® Classic Large Volume Kit
Includes:	1 PIPETMAN® Classic P2 (0.2-2 µl) 1 PIPETMAN® Classic P10 (1-10 µl) 1 PIPETMAN® Classic P100 (10-100 µl) + Gilson Certificates + 2 racks 96 tips PIPETMAN® DIAMOND (DFL10ST, DF100ST) + 3 SINGLE racks + 1 Gilson pipetting guide	1 PIPETMAN® Classic P20 (2-20 µl) 1 PIPETMAN® Classic P200 (50-200 µl) 1 PIPETMAN® Classic P1000 (200-1000 µl) + Gilson Certificates + 2 racks 96 tips PIPETMAN® DIAMOND (D200, D1000) + 3 SINGLE racks + 1 Gilson pipetting guide	1 PIPETMAN® Classic P5000 (1000-5000 µl) 1 PIPETMAN® Classic P1oml (1-10 ml) + Gilson Certificates + 5 tips PIPETMAN® DIAMOND D5000 + 2 tips PIPETMAN® DIAMOND D10 ml + 2 x 10 protective filters for P5000 and P10 ml
Cat. No.	066085	066086	066087
€	N/A -	N/A -	N/A -

PIPETMAN® G



- Lightweight micropipette requiring low pipetting and ejection force
- Equipped with metal ejector, plastic ejector available as accessory for working with corrosive samples
- Robust, made of highly resistant materials such as PVDF and stainless steel
- Autoclavable lower part and ejector
- Warranty: 3 years

PIPETMAN® G - Single-channel variable volume

Volume (µl)	Suitable tips	Increment (µl)	Cat. No.	€
0.2 - 2	D(F)(L)10	0.002	066803	N/A -
1 - 10		0.02	066805	N/A -
2 - 20	D200, DF30	0.02	066807	N/A -
20 - 100	D200, DF100	0.2	066809	N/A -
50 - 200	D(F)200,D(F)300	0.2	066811	N/A -
200 - 1000	D(F)1000, D(F)1200	2	066813	N/A -
1000 - 5000	D5000	2	066814**	N/A -
1000 - 10000	D10ml	20	066815**	N/A -

Available with ISO 17025 calibration certificate (Cofrac approved).
*Only compatible with Gilson tips, model without ejector.

PIPETMAN® G - Multi-channel variable volume

			8-channel		12-channel	
Volume (µl)	Suitable tips	Increment (µl)	Cat. No.	€	Cat. No.	€
1 - 10	D(F)(L)10	0.02	400083	N/A -	400084	N/A -
2 - 20	D(F)L10, D200, DF30	0.02	400086	N/A -	400087	N/A -
20 - 200	D(F)200, D(F)300	0.2	400088	N/A -	400089	N/A -
20 - 300		0.2	400090	N/A -	400091	N/A -

Available with ISO 17025 calibration certificate (Cofrac approved).

PIPETMAN® G (continued)

PIPETMAN® G Kits

	PIPETMAN® G Micro Volume Kit	PIPETMAN® G Starter Kit	Kit 4 PIPETMAN® G
Includes 	1 PIPETMAN® G P2G (0.2 - 2 µl) 1 PIPETMAN® G P10G (1 - 10 µl) 1 PIPETMAN® G P100G (10 - 100 µl) (metal ejectors) + Gilson certificates + 2 racks 96 tips PIPETMAN® DIAMOND (DFL10ST, DF100ST) + 3 SINGLE racks + 10 colour clips + 3 plastic ejectors	1 PIPETMAN® G P20G (2 - 20 µl) 1 PIPETMAN® G P200G (20 - 200 µl) 1 PIPETMAN® G P1000G (100 - 1000 µl) (metal ejectors) + Gilson certificates + 2 racks 96 tips PIPETMAN® DIAMOND (D200, D1000) + 3 SINGLE racks + 10 colour clips + 3 plastic ejectors	1 PIPETMAN® G P2G (0.2 - 2 µl) 1 PIPETMAN® G P20G (2 - 20 µl) 1 PIPETMAN® G P200G (20 - 200 µl) 1 PIPETMAN® G P1000G (100 - 1000 µl) + 2 racks 96 tips PIPETMAN® DIAMOND (DL10, D200, D1000) + 4 individual racks + 4 comfort handles + stickers + 1 pipetting guide + 1 2-minute inspection poster + 1 manual
Cat. No.	**066825**	**066826**	**070175**
€.	**N/A -**	**N/A -**	**N/A -**



Enter the reference on www.dulis.nl to find the PIPETMAN® Gilson comparison table



PIPETMAN® L

- **Balanced weight and design for easy handling**
- **Reduced pipetting force**
- **Adjustable ejector button to suit left and right handed users**
- **Volumetric locking mechanism prevents accidental volume change during pipetting**
- **Single channel micropipettes available with metal or plastic ejector for working with corrosive samples**
- **2D code for easy traceability during handling and maintenance**
- **Variable volume micropipette fully autoclavable without disassembly**
- **Warranty: 1 year**





PIPETMAN® L - Single-channel variable volume

Volume (µl)	Suitable tips	Increment (µl)	Metal ejector Cat. No.	Metal ejector €	Plastic ejector Cat. No.	Plastic ejector €
0.2 - 2	D(F)(L)10	0.002	**070047**	**N/A -**	**070053**	**N/A -**
1 - 10		0.02	**070048**	**N/A -**	**070054**	**N/A -**
2 - 20	D200, DF30	0.02	**070049**	**N/A -**	**070055**	**N/A -**
10 - 100	D200, DF100	0.2	**070050**	**N/A -**	**070056**	**N/A -**
20 - 200	D(F)200, D(F)300	0.2	**070051**	**N/A -**	**070057**	**N/A -**
100 - 1000	D(F)1000, D(F)1200	2	**070052**	**N/A -**	**070058**	**N/A -**
500 - 5000	D5000	2	**070059***			**N/A -**
1000- 10000	D10 ml	20	**070060***			**N/A -**

Available with ISO 17025 calibration certificate (Cofrac approved).
*Only compatible with Gilson tips, model without ejector.

PIPETMAN® L - Multi-channel variable volume

Volume (µl)	Suitable tips	Increment (µl)	8-channel Cat. No.	8-channel €	12-channel Cat. No.	12-channel €
0.5 - 10	D(F)(L)10	0.02	**070063**	**N/A -**	**070064**	**N/A -**
2 - 20	D(F)L10, D200, DF30	0.02	**070065**	**N/A -**	**070066**	**N/A -**
20 - 200	D(F)200, D(F)300	0.2	**070067**	**N/A -**	**070068**	**N/A -**
20 - 300		0.2	**070069**	**N/A -**	**070070**	**N/A -**
100 - 1200	D(F)1200	2	**067538**	**N/A -**	**067536**	**N/A -**

Available with ISO 17025 calibration certificate (Cofrac approved)
(add a C behind the reference).

PIPETMAN® L kit

Cat. No.	Description	Pipettes	96-tip DIAMOND rack	Accessories	€
070098	PIPETMAN® Metal ejector Starter kit	P20L P200L P1000L	D200 D1000	3 SINGLE racks 3 plastic ejectors 1 user guide	**N/A -**
070099	PIPETMAN® Metal ejector Micro-volume kit	P2L P10L P100L	DL10 D200	1 pipetting guide 1 quick inspection poster	**N/A -**
070174	Kit 4 PIPETMAN® L metal ejector	P2L P20L P200L P1000L	DL10 DL200 DL1000	4 individual racks, 1 pipetting guide, 1 2-minute inspection poster, 1 user manual	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

PIPETMAN® M Connected



- Motorised micropipette requiring almost no pipetting force and preserving the gestures associated with a mechanical pipette
- Lightweight, low ejection force and ergonomic design
- Lockable volume
- Simple and intuitive operation with digital display on OLED screen
- 4 pipetting modes: pipette, repeat, mix and invert
- The PIPETMAN® M Connected software allows you to create and transfer up to 10 custom protocols
- Rechargeable battery in just 3 hours for up to 900 pipetting cycles
- Can be used while charging
- Can be connected to the optional Trackman® Connected to help reduce human error, track pipetting or archive calibration data
- Autoclavable lower part and ejector
- Volumetric specification according to ISO 8655-2
- Warranty: 1 year

Single channel

Volume (µl)	Suitable tips	Cat. No.	€
0.5 - 10	D(F)(L)10	067516	N/A -
2 - 20	D200, DF30	067517	N/A -
5-100	D200,DF100	067518	N/A -
20 - 200	D(F)200, D(F)300	067519	N/A -
20 - 300		067520	N/A -
100 - 1200	D(F)1000, D(F)1200	067521	N/A -
500- 5000	D5000	067522	N/A -
100- 10000	D10ml	067523	N/A -

Multichannel

		8-channel		12-channel	
Volume (µl)	Suitable tips	Cat. No.	€	Cat. No.	€
0.5 - 10	D(F)(L)10	067524	N/A -	067525	N/A -
1 - 20	D(F)L10, D200, DF30	067526	N/A -	067527	N/A -
10-100	D200,DF100	067528	N/A -	067529	N/A -
20 - 200	D(F)200, D(F)300	067530	N/A -	067531	N/A -
10 - 300		067532	N/A -	067533	N/A -
50 - 1200	D(F)1000, D(F)1200	067534	N/A -	067535	N/A -

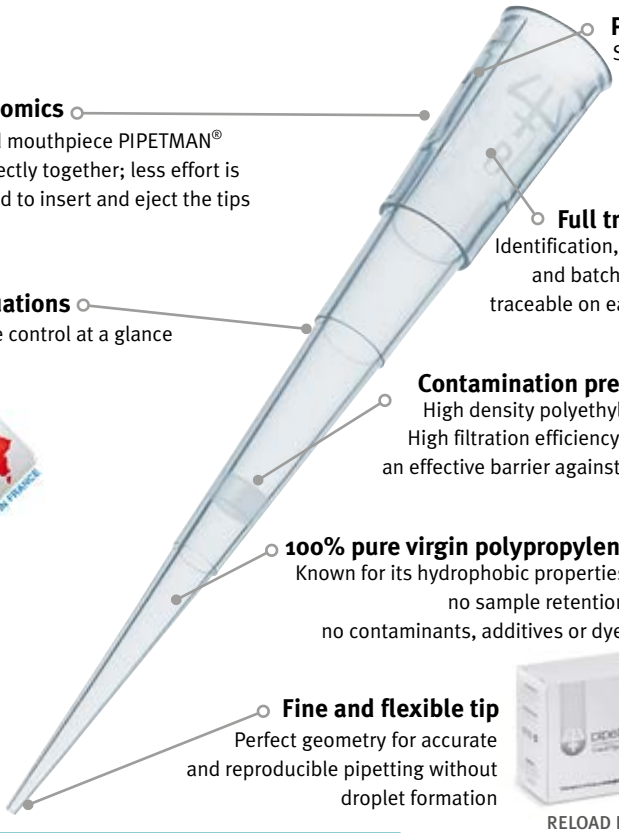
Trackman® Connected



- Tablet with exclusive accessories and applications to connect to the pipetman® M connected
- Tracks pipetting on 96 and 384 well plates to avoid errors
- Interacts in real time with the PIPETMAN® M connected to guide the user through the protocol
- Recording and sharing of results and protocols
- Monitoring of usage statistics and calibration data history
- Supplied with a microplate holder, microplate adapter and PCR strip; and a sensor to monitor temperature, pressure and humidity during handling

Cat. No.	Description	€
400115	Trackman® Connected	N/A -

Gilson PIPETMAN® DIAMOND Tips



Ergonomics
Tip and mouthpiece PIPETMAN® fit perfectly together; less effort is required to insert and eject the tips

Graduations
Volume control at a glance

Perfectly sealed
Sealing ring ensures reliability and reproducibility with every pipetting operation

Full traceability
Identification, colour code and batch number are traceable on each package

Contamination prevention
High density polyethylene filter
High filtration efficiency provides an effective barrier against aerosols

100% pure virgin polypropylene
Known for its hydrophobic properties;
no sample retention;
no contaminants, additives or dyes

Fine and flexible tip
Perfect geometry for accurate and reproducible pipetting without droplet formation

- **Sterilized tips guaranteed free of RNases, DNases, RNA, DNA, ATP, pyrogens and detectable trace metals**
- **Meets European quality standards IVD Directive 98/79/EC (CE-IVD marking)**
- **Downloadable quality certificates on the Gilson website**

Presentation:
- **TOWERPACK**, charging system. Ideal with multichannel pipettes thanks to the ROCKY RACK system, a tray that optimises the placement of the tips. Autoclavable, recyclable. (must be completed with empty boxes Cat. No. 066173 - see bottom of page)
- **TIPACK**, compact, practical, ergonomic and easy to use racks with 8 or 12 channel pipettes (ROCKY RACK system)
- **STERILPACK**, individually blister-packed
- **ECOPACK** and **EASYPACK**, bulk format (bags)
- **BLISTER REFILL**: refill in blister pack of 96 tips
- **RELOAD PACK**: simple and economical reload system



RELOAD PACK



BLISTER REFILL

Gilson PIPETMAN® DIAMOND Standard Tips

Volume	Type		Bulk EASY PACK	Bulk Eco ECO PACK	TIPACK	TIPACK sterilised	BLISTER REFILL*	BLISTER REFILL sterilised*	RELOAD PACK*	TOWER PACK**	TOWER PACK sterilised**	Empty rack	STERILPACK
0.1 - 10 µl	D10	Cat. No.	066022	066029	066034	066039	-	-	-	066044	066049	066054	-
		Packaging unit	5 x 200	10000	10 x 96	10 x 96	-	-	-	10 x 96	10 x 96	2	-
		€	N/A -	N/A -	N/A -	N/A -	-	-	-	N/A -	N/A -	N/A -	-
0.1 - 20 µl	DL10***	Cat. No.	066023	066030	066035	066040	070074	070077	070085	066045	066050	066055	-
		Packaging unit	5 x 200	10000	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	2	-
		€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-
2 - 200 µl	D200	Cat. No.	066024	066031	066036	066041	070075	070078	070086	066046	066051	066056	066199
		Packaging unit	5 x 200	10000	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	2	400
		€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
20 - 300 µl	D300	Cat. No.	066025	066032	066037	066042	-	-	-	066047	066052	066057	-
		Packaging unit	5 x 200	10000	10 x 96	10 x 96	-	-	-	10 x 96	10 x 96	2	-
		€	N/A -	N/A -	N/A -	N/A -	-	-	-	N/A -	N/A -	N/A -	-
200 - 1000 µl	D1000	Cat. No.	066026	066033	066038	066043	070076	070079	070087	066048	066053	066058	066200
		Packaging unit	5 x 200	10000	10 x 96	10 x 96	10 x 96	10 x 96	6 x 96	7 x 96	7 x 96	2	400
		€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
100 - 1200 µl	D1200	Cat. No.	066406	066405	066407	066408	-	-	-	-	-	-	-
		Packaging unit	5 x 200	10000	10 x 96	10 x 96	-	-	-	-	-	-	-
		€	N/A -	N/A -	N/A -	N/A -	-	-	-	-	-	-	-
1 - 5 ml	D5000	Cat. No.	066027	-	066190	-	-	-	-	-	-	066193	-
		Packaging unit	3 x 334	-	12 x 50	-	-	-	-	-	-	1	-
		€	N/A -	-	N/A -	-	-	-	-	-	-	N/A -	-
1 - 10 ml	D10ml	Cat. No.	066028	-	066191	-	-	-	-	-	-	066192	-
		Packaging unit	4 x 50	-	8 x 30	-	-	-	-	-	-	1	-
		€	N/A -	-	N/A -	-	-	-	-	-	-	N/A -	-

* Can be used with empty boxes for manual refills
** Can be used with empty TOWER PACK refill boxes
*** Longer 10µl tips, for easy pipetting into microtubes



Empty boxes

Cat. No.	Description	Units/ box	€/ box
070096	Empty box for 10 µl and 200 µl manual refills	2	N/A -
070097	Box empty for manual refills 1000 µl	2	N/A -
066173	Universal empty box for TOWER PACK refill	1	N/A -





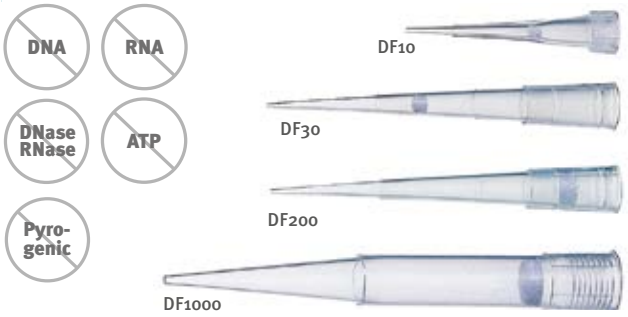
Place the tower on the refill box. Press firmly.



The tip tray is in place.

All prices are indicative and exclude VAT. Visit www.dulis.nl

Gilson PIPETMAN® DIAMOND Filter Tips





Gilson PIPETMAN® DIAMOND Tips, guarantee the precision, accuracy and repeatability specifications of your PIPETMAN®.

- **Free of trace metals**
- **Meets European quality standards IVD Directive 98/79/EC (CE-IVD marking)**
- **Quality certificates can be downloaded from the Gilson website**

Volume (µl)	Type		TIPACK sterilised	BLISTER REFILL sterilised*
0.1 - 10	DF10	Cat. No.	066059	-
		€/ 960 units	N/A -	-
0.1 - 10	DFL10**	Cat. No.	066060	070080
		€/ 960 units	N/A -	N/A -
2 - 30	DF30	Cat. No.	066061	070081
		€/ 960 units	N/A -	N/A -
20 - 100	DF100	Cat. No.	066062	070082
		€/ 960 units	N/A -	N/A -
20 - 200	DF200	Cat. No.	066063	070083
		€/ 960 units	N/A -	N/A -
20 - 300	DF300	Cat. No.	066064	-
		€/ 960 units	N/A -	-
200 - 1000	DF1000	Cat. No.	066065	070084
		€/ 960 units	N/A -	N/A -
100 - 1200	DF1200ST	Cat. No.	066603	-
		€/ 960 units	N/A -	-

Identification ring



- **Identification ring in different colours to identify or personalise your PIPETMAN®**
- **Attaches easily without damaging the micropipette**

Colour	Red	Yellow	Green	Blue	White	Assorted
Cat. No.	066093	066094	066095	066096	066097	066098
€/ 10 units	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Comfort handle for PIPETMAN® Classic and G



Easy attachment to pipetman Classic and G to reduce fatigue and improve comfort

Cat. No.	Description	Units/ box	€/ box
070168	Blue comfort handle	3	N/A -
070169	White comfort handle	3	N/A -
944894	Self-adhesive foil for comfort handle	120	N/A -

GILSON AFTER-SALES PACKAGE COUPON

The purchase of an after-sales coupon allows, for a single fixed price, to return a Gilson micropipette to Gilson SAS, for calibration, repair whatever the nature of the failure,
without requesting a quote or additional costs.
Valid for PIPETMAN® Classic and PIPETMAN® Neo from P2 to P1000 single channel only (P5000 and P10 ml are excluded).

Cat. No.	€
066666	N/A -



(coupon valid for 1 year from the date of purchase)

Plastic ejectors for PIPETMAN® Classic and G



Recommended for working with corrosive samples.

Cat. No.	Description	€
400093	Plastic ejector for P2 and P20	N/A -
400094	Plastic ejector for P20	N/A -
400095	Plastic ejector for P100	N/A -
400096	Plastic ejector for P200	N/A -
400097	Plastic ejector for P1000	N/A -

Jimmy Microtube Opener



Clipped onto the PIPETMAN, this accessory facilitates the opening of microtubes with a screw cap or tab.

Cat. No.	Description	€ 3 units
066602	Jimmy Microtube Opener for PIPETMAN	N/A -

Racks and carousels for PIPETMAN®







Cat. No.	Description	€
066090	Wall rack for a PIPETMAN® (single or multi-channel)*	N/A -
066798	Universal holder for an 8 or 12 channel micropipette	N/A -
066089	Holder for three Gilson single-channel micropipettes	N/A -
066817	Carousel for 5 PIPETMAN® M with integrated charger	N/A -
066088	Carousel for 7 micropipettes	N/A -

* Supplied with double-sided adhesive tape and screws.

Proline single-channel micropipettes

- High-performance, robust and easy-to-handle micropipettes
- Warranty: 2 years

WEB Also available in fixed volume, find them on our website



Proline single channel micropipettes - variable volume

Volume (µl)	Increment (µl)	Cat. No.	€
0.1 - 2.5	0.05	070599	N/A -
0.5 -10	0.1	070600	N/A -
2 - 20	0.5	070601	N/A -
5 - 50	0.5	070602	N/A -
10 - 100	1	070603	N/A -
20 - 200	1	070604	N/A -
100 - 1000	5	070606	N/A -
1000 - 5000	50	070608	N/A -



WEB Also available in 8 and 12 channel versions, find them on our website

Sartorius Biohit*family* Proline Plus micropipettes

- Effortless pipetting, ergonomic grip
- Easy insertion and removal of tips with the OptiLaod system (on multichannel only)
- Fine incrementing
- Fully autoclavable without disassembly
- Use with "SafeCone" protective filters to protect the pipette and your samples from aerosols
- Warranty: 2 years



Single channel - fixed volume

Volume (µl)	Cat. No.	€
5	070851	N/A -
10	070852	N/A -
20	070853	N/A -
25	070854	N/A -
50	070855	N/A -
100	070856	N/A -
200	070857	N/A -
250	070858	N/A -
500	070859	N/A -
1000	070860	N/A -
2000	070861	N/A -
5000	070862	N/A -
10000	070863	N/A -

Multichannel

		8-channel		12-channel	
Volume (µl)	Increment (µl)	Cat. No.	€	Cat. No.	€
0.5 - 10	0.01	070845	N/A -	070848	N/A -
10 - 100	0.1	070846	N/A -	070849	N/A -
30 - 300	0.2	070847	N/A -	070850	N/A -

Single channel - variable volume

Volume (µl)	Increment (µl)	€	€
0.1 - 3	0.002	070837	N/A -
0.5 - 10	0.01	070838	N/A -
2 - 20	0.02	070839	N/A -
5 - 50	0.1	070918	N/A -
10 - 100	0.1	070840	N/A -
20 - 200	0.2	070841	N/A -
100 - 1000	1	070842	N/A -
500 - 5000	10	070843	N/A -
1 - 10000	20	070844	N/A -

Proline Plus Multipacks

The pack includes:

- One set of pipettes;
- A set of tips;
- A linear rack to store your pipettes vertically and away from contamination.

Pipettes included in the pack	0.5 - 10 µl 10 - 100 µl 100 - 1000 µl	2 - 20 µl 20 - 200 µl 100 - 1000 µl	0.5 - 10 µll 2 - 20 µl 20 - 200 µl 100 - 1000 µl	0.5 - 10 µl 10 - 100 µl 20 - 200 µl 100 - 1000µl	0.5 - 10µl 10 - 100 µl 20 - 200 µl 100 - 1000 µl 500 - 5000 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl 100 - 1000 µl 500 - 5000 µl	0.5 - 10 µl 20 - 200 µl 100 - 1000 µl 8-channel 30 - 300 µl	100 - 1000µl 500 - 5000 µl 1000 - 10000 µl
Tips supplied in the pack (one rack of 96 unless otherwise stated)	0.1 - 10 µl 0.5 - 200 µl 10 - 1000 µl	0.5 - 200 µl 10 - 1000 µl	0.1 - 10 µl 0.5 - 200 µl 10 - 1000µl	0.1 - 10 µl 0.5 - 200 µl 10 - 1000µl	0.1 - 10 µl 0.5 - 200 µl 10 - 1000 µl 100 - 5000 µl *	0.5 - 200 µl 10 - 1000 µl 100 - 5000 µl *	0.1 - 10 µl 0.5 - 200 µl 5 - 350 µl 10 - 1000 µl	10 - 1000 µl 100 - 5000 µl * 500 - 10000 µl **
Cat. No.	**070867B**	**070868B**	**150070**	**150071**	**725694**	**150072**	**150073**	**150074**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* 50-tip box ** 35-tip box



All prices are indicative and exclude VAT. Visit www.dulis.nl

Sartorius Biohit*family* Tacta micropipettes



- Ergonomic shape for a comfortable grip
- Optimised pipetting and ejection system
- Exclusive Optilock system for volume adjustment and locking
- Soft and controlled release of the tips thanks to the new exclusive Optijec technology
- Adjustment key for precise volume according to the type of liquid being pipetted
- Easy to clean by removing only three components
- Fully autoclavable without disassembly
- Filter mounted in the cone holder to protect the pipette from aerosols and chemical attack
- Warranty: 2 years

Tacta single channel micropipettes - variable volume

Volume (µl)	Increment (µl)	Cat. No.	€
0.1 - 3	0.002	070983	N/A -
0.5 - 10	0.01	070984	N/A -
02 - 20	0.02	070985	N/A -
10 - 100	0.10	070986	N/A -
20 - 200	0.2	070987	N/A -
100 - 1000	1	070988	N/A -
500 - 5000	5	070989	N/A -
1000 - 10000	10	070990	N/A -

Tacta multi-channel pipettes

Volume (µl)	Increment (µl)	8-channel		12-channel	
		Cat. No.	€	Cat. No.	€
0.5 - 10	0.01	070991	N/A -	070994	N/A -
5 - 100	0.1	070992	N/A -	070995	N/A -
30 - 300	0.2	070993	N/A -	070996	N/A -

Tacta Multipacks



Pack content

- One set of pipettes
- An individual rack for each pipette in the pack, and a portal rack
- A set of tips

Enter the Cat. No. on dulis.nl to find the Sartorius guides: guidelines for avoiding contamination and selection of mechanical pipettes

WEB

Pipettes included in the pack	0.5 - 10 µl 10 - 100 µl 100 - 1000 µl	2 - 20 µl 20 - 200 µl 100 - 1000 µl	0.5 - 10 µl 2 - 20 µl 20 - 200 µl 100 - 1000 µl	0.5 - 10 µl 10 - 100 µl 20 - 200 µl 100 - 1000 µl	0.5 - 10 µl 10 - 100 µl 20 - 200 µl 100 - 1000 µl 500 - 5000 µl	2 - 20 µl 10 - 100 µl 20 - 200 µl 100 - 1000 µl 500 - 5000 µl	0.5 - 10 µl 20 - 200 µl 100 - 1000 µl 8 channel 30 - 300 µl	100 - 1000 µl 500 - 5000 µl 1 - 10 ml
Tips supplied in the pack (one rack of 96 unless otherwise stated)	0.2 - 10 µl 0.5 - 200 µl 10 - 1000 µl	0.5 - 200 µl 10 - 1000 µl	0.1 - 10 µl 0.5 - 200 µl 10 - 1000 µl	0.1 - 10 µl 0.5 - 200 µl 10 - 1000 µl	0.5 - 200 µl 10 - 1000 µl 5000 µl *	0.5 - 200 µl 10 - 1000 µl 5000 µl *	0.1 - 10 µl 0.5 - 200 µl 5 - 350 µl 10 - 1000 µl	10 - 1000 µl 0.1 - 5 ml** 1 - 10 ml***
Cat. No.	**725686**	**725687**	**725688**	**725689**	**725690**	**725691**	**725692**	**725693**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* 50-tip box ** 100-tip bag *** 250-tip bag

Sartorius Biohit*family* mLINE micropipettes

- Excellent ergonomics with reduced pipetting force and tip ejection
- Enhanced safety with volumeter lock to prevent accidental volume change during pipetting
- Fully autoclavable
- SafeCone protective filter to minimise the risk of contamination
- Warranty: 2 years



Single channel - variable volume

Volume (µl)	Increment (µl)	Cat. No.	€
0.1 - 3	0.02	070806	N/A -
0.5 - 10	0.01	070430	N/A -
02 - 20	0.2	070486	N/A -
10 - 100	0.1	070431	N/A -
20 - 200	0.2	070432	N/A -
100 - 1000	1	070433	N/A -
500 - 5000	10	070434	N/A -
1000 - 10000	20	070833	N/A -

Multichannel

Volume (µl)	Increment (µl)	mLINE 8 channel		mLINE 12 channel	
		Cat. No.	€	Cat. No.	€
0.5 - 10	0.01	070447	N/A -	070451	N/A -
5 - 100	0.1	070448	N/A -	070452	N/A -
30 - 300	0.2	070449	N/A -	070453	N/A -

WEB

Enter the Cat. No. on dulis.nl
to find the Sartorius guides:
instructions for avoiding contamination

mLINE Multipacks

The pack includes:

- a set of pipettes;
- a set of tips;
- a linear rack to store your pipettes vertically and away from contamination.

Pipettes included in the pack	2 - 20 µl, 20 - 200 µl, 100 - 1000 µl	0.5 - 10 µl, 10 - 100 µl, 20 - 200 µl, 100 - 1000 µl
Tips supplied in the pack (one rack of 96 unless otherwise stated)	0.5 - 200 µl, 10 - 1000 µl	0.2 - 10 µl, 0.5 - 200 µl, 10 - 1000 µl
Cat. No.	**725662**	**725663**
€	**N/A -**	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Sartorius Biohit*family* Picus and Picus NxT electronic pipettes



- Lightweight, weighing less than 100 g
- Ergonomic and comfortable, good grip (very short: 210 mm)
- Electronic tip ejection
- Optiload system for perfect attachment of the tips to each cone holder (multi-channel)
- Volume locked with push button
- Full choice of pipetting modes, from dilution with mixing to sequential dispensing
- Unique integrated tracker system for 96 and 384 well microplates guiding the user to the correct wells
- Adjustable calibration in 1, 2 or 3 points
- Ability to continue working while charging via microUSB cable
- Li-polymer batteries, charging time 1 hour
- Autoclavable lower part except for the 1250 µl
- Warranty: 2 years
- Picus NxT model:
  - repeated emptying to help dispense the last drops
  - password protection for program protection
  - supplied with 3-point calibration certificate (ISO 17025 and ISO 8655)
  - possibility to create custom programs

Enter the Cat. No. on dulis.nl to find the Sartorius guides: instructions for avoiding contamination and selection of mechanical pipettes.



Picus single-channel and Picus Nxt single-channel micropipettes

Volume (µl)	Increment (µl)	Picus Single-channel		Picus Nxt single-channel	
		Cat. No.	€	Cat. No.	€
0.2 - 10	0.01	070927	N/A -	725666	N/A -
5 - 120	0.1	070928	N/A -	725667	N/A -
10 - 300	0.2	070929	N/A -	725668	N/A -
50 - 1200	1	070930	N/A -	725669	N/A -
100 - 5000	5	070931	N/A -	725670	N/A -
500 - 10000	10	070932	N/A -	725671	N/A -

Picus multichannel and Picus Nxt multichannel micropipettes

Volume (µl)	Increment (µl)	Picus Multi-channel				Picus Nxt multi-channel			
		8-channel		12-channel		8-channel		12-channel	
		Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
0.2 - 10	0.01	070933	N/A -	070937	N/A -	725672	N/A -	725676	N/A -
5 - 120	0.1	070934	N/A -	070938	N/A -	725673	N/A -	725677	N/A -
10 - 300	0.2	070935	N/A -	070939	N/A -	725674	N/A -	725678	N/A -
50 - 1200	1	070936	N/A -	070940	N/A -	725675	N/A -	725679**	N/A -

** Compatible only with Sartorius Biohit*family*Tips.

Tips

High precision tips especially designed for Sartorius Biohit*family* micropipettes.

Tips in racks

- 96-Tip tray in reusable racks
- Certified DNase, RNase and endotoxin free
- Autoclavable
- Easily refillable racks with refill tips
- Polypropylene racks, trays and tips



Tips in racks

- Space saving with 10 x 96 tips in one tower
- Trays compatible with single racks
- Autoclavable trays and tips
- 100% recyclable cardboard packaging and polypropylene trays and tips



FlexiBulk bulk tips

- Autoclavable
- Tips (PP) and packaging (PET) 100% recyclable



Tips in bulk in boxes

- Autoclavable
- 100% recyclable tips and packaging



Unitary refill boxes

- 10, 15 or 20 trays of 96 tips, depending on the volume of the tips
- Certified DNase, RNase and endotoxin free
- Trays compatible with single racks
- Autoclavable trays and tips
- 100% recyclable polypropylene trays and tips



Sterile filter tips "SafetySpace" Sartorius Biohit*family*

- In 96-tip sterile rack
- More space between the sample and the filter
- No contact between sample and filter, regardless of pipetting method or liquid type

Tips	Volume (µl)	Length (mm)	Colour code	Units/ box	Cat. No.	€/ box
	0.1 - 10	31.5	Grey	10 x 96	070881	N/A -
					070975*	N/A -
		46	Grey	10 x 96	783201	N/A -
	0.5 - 20	51	Yellow	10 x 96	070884	N/A -
					070951*	N/A -
		77.5	Yellow	10 x 96	845145	N/A -
	2 - 120	51	Yellow	10 x 96	070880	N/A -
					070976*	N/A -
	5 - 200	52.5	Yellow	10 x 96	070883	N/A -
					070950*	N/A -
	5 - 300	52.5	Orange	10 x 96	783207	N/A -
					070977*	N/A -
	50 - 1000	78	Blue	10 x 96	783208	N/A -
					070978*	N/A -
	10 - 1000	102	Blue	8 x 96	845146	N/A -
	50 - 1200	90	Violet	10 x 96	070677	N/A -
					070979*	N/A -



* Low retention

Tips not shown to scale. Refer to the lengths (in mm) in the table.

All prices are indicative and exclude VAT. Visit www.dulis.nl

Tips "Optifit" Sartorius Biohit*family*

Volume (µl)	Length (mm)	Colour code		In a rack	In a rack Sterile	In a rack LowRes	In charging tower	In charging tower LowRes	Singles refill boxes	Singles refill boxes Sterile	Bulk in boxes	Bulk FlexiBulk
0.1 - 10	31.5	Grey	Cat. No.	070465	070466	070966	070467	070967	-	070905	070647	070647
			Units/box	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	-	20 x 96	1000	1000
			€/box	N/A -	N/A -	N/A -	N/A -	N/A -	-	N/A -	N/A -	N/A -
0.1 - 10	46	Grey	Cat. No.	070921	070922	-	-	-	-	-	-	-
			Units/box	10 x 96	10 x 96	-	-	-	-	-	-	-
			€/box	N/A -	N/A -	-	-	-	-	-	-	-
0.5 - 200	51	Yellow	Cat. No.	070468	070469	070968	070473	070969	-	070906	-	725680
			Units/box	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	-	15 x 96	-	960
			€/box	N/A -	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	N/A -
0.5 - 200	77.5	Yellow	Cat. No.	150077	150078	-	-	-	-	-	-	-
			Units/box	10 x 96	10 x 96	-	-	-	-	-	-	-
			€/box	N/A -	N/A -	-	-	-	-	-	-	-
5 - 350	54	Orange	Cat. No.	070474	070475	070970	070476	070971	-	070907	-	725681
			Units/box	10 x 96	10 x 96	10 x 96	10 x 96	10 x 96	-	15 x 96	-	960
			€/box	N/A -	N/A -	N/A -	N/A -	N/A -	-	N/A -	-	N/A -
10 - 1000	71.5	Blue	Cat. No.	070477	070478	070972	-	-	070479	070908	-	725682
			Units/box	10 x 96	10 x 96	10 x 96	-	-	10 x 96	10 x 96	-	480
			€/box	N/A -	N/A -	N/A -	-	-	N/A -	N/A -	-	N/A -
10 - 1000	102	Blue	Cat. No.	150079	150080	-	-	-	-	-	-	-
			Units/box	8 x 96	8 x 96	-	-	-	-	-	-	-
			€/box	N/A -	N/A -	-	-	-	-	-	-	-
10 - 1000	68.5	Turquoise	Cat. No.	070788	070789	-	-	-	-	-	-	725683
			Units/box	10 x 96	10 x 96	-	-	-	-	-	-	480
			€/box	N/A -	N/A -	-	-	-	-	-	-	N/A -
50 - 1200	71.5	Violet	Cat. No.	070480	070481	070973	-	-	070482	070909	-	725684
			Units/box	10 x 96	10 x 96	10 x 96	-	-	10 x 96	10 x 96	-	480
			€/box	N/A -	N/A -	N/A -	-	-	N/A -	N/A -	-	N/A -
50 - 1200	90	Violet	Cat. No.	070678	070679	070974	-	-	070924	070910	-	-
			Units/box	10 x 96	10 x 96	10 x 96	-	-	10 x 96	10 x 96	-	-
			€/box	N/A -	N/A -	N/A -	-	-	N/A -	N/A -	-	-
100 - 5000	150	Green	Cat. No.	070793	070680	-	-	-	-	-	070666	070485 -
			Units/box	50	50	-	-	-	-	-	100	1000 -
			€/box	N/A -	N/A -	-	-	-	-	-	N/A -	N/A - -
100 - 10000	155	Red	Cat. No.	150075	-	-	-	-	-	-	070945	-
			Units/box	35	-	-	-	-	-	-	250	-
			€/box	N/A -	-	-	-	-	-	-	N/A -	-

Tips not shown to scale. Refer to the lengths (in mm) in the table.

Protective filters

Protective filters to be inserted in the cone holder. The model "Plus" offers enhanced protection



Cat. No.	Description	Picus / Picus Nxt	Tacta	mLine	Proline plus	Proline	Units/ box	€/ box
070797	Standard, Ø 2.51 mm, PE	725667, 070928, 725673, 725677, 070934, 070938	070985, 070986, 070992, 070995	070486, 070431, 070448, 070452	070839, 070918, 070840, 070846, 070849, 070853, 070854, 070855, 070856	070601, 070602, 070696, 070697, 070698	50	**N/A -**
070435	Standard, Ø 3.15 mm, PE	725668, 070929, 725674, 725678, 070935, 070939	070987, 070993, 070996	070432, 070449, 070453	070841, 070847, 070850, 070857	070603, 070604, 070700, 070701	50	**N/A -**
070436	Standard, Ø 5.33 mm, PE	725669, 070930, 725675, 725679, 070936, 070940	070988	070433	070842, 070858, 070859, 070860	070606, 070703, 070693, 070699	50	**N/A -**
070437	Standard, Ø 6.73 mm, PE	725670, 070931, 725671, 070932	070989, 070990	070434, 070833	070843, 070844, 070861, 070862, 070863	070608, 150064, 070707	50	**N/A -**
070444	Standard, Ø 1.83 mm, PE	-	-	-	-	070799, 070613, 070612, 070616	50	**N/A -**
070808	Plus, Ø 2.51 mm, PE	725667, 070928, 725673, 725677, 070934, 070938	070985, 070986, 070992, 070995	070486, 070431, 070448, 070452	070839, 070918, 070840, 070846, 070849, 070853, 070854, 070855, 070856	070601, 070602, 070696, 070697, 070698	50	**N/A -**
070438	Plus, Ø 3.15 mm, PE	725668, 070929, 725674, 725678, 070935, 070939	070987, 070993, 070996	070432, 070449, 070453	070841, 070847, 070850, 070857	070603, 070604, 070700, 070701	50	**N/A -**
070439	Plus, Ø 5.33 mm, PE	725669, 070930, 725675, 725679, 070936, 070940	070988	070433	070842, 070858, 070859, 070860	070606, 070703, 070693, 070699	50	**N/A -**
070440	Plus, Ø 6.73 mm, PE	725670, 070931, 725671, 070932	070989, 070990	070434, 070833	070843, 070844, 070861, 070862, 070863	070608, 150064, 070707	50	**N/A -**

Racks

Cat. No.	Description	€
150068	Holder for 1 mechanical micropipette	**N/A -**
725620	2-sided linear rack	**N/A -**
070998	Carousel rack for 6 mechanical micropipettes	**N/A -**
150069	Adapter for mechanical carousel rack	**N/A -**
070773	Charging stand for 1 electronic micropipette	**N/A -**
070776	Carousel charging rack for 4 electronic micropipettes with adapter	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Socorex micropipettes

Model	Acura® Dilute 810	Acura® manual 825	Acura® manual 835	Acura® manual 826XS	Acura® manual 855	Acura® Electro 926, 936 et 956
Operating mode	Manual	Manual	Manual	Manual	Manual	Electronic
Highlights	Straw tip, two volume dispensing for rapid sequential dilutions	Lightweight, robust, easy care	Lightweight, robust, easy care, optional pasteur pipette and straw adapter	Short, very light, robust, easy care	Lightweight, robust, 360° rotation of the bottom part, easy care	Intuitive programming, six working modes, fast charging, long autonomy
Volume range	1 ml and 0.1 ml	0.1 µl - 1 ml	0.2 µl - 10 ml	0.1 µl - 1 ml	0.5 µl - 350 µl	0.1 - 10000 µl
Available options	1-channel	1-channel	1-channel	1-channel	8 channel, 12 channel	27 adaptable volumetric modules
Autoclavable Parts	Entirely	Entirely	Entirely	Entirely	Entirely	Lower part

Micropipette Acura® Dilute 810



- Easy sampling in narrow containers thanks to the straw tip
- Dispensing without adjustment of 1 and 0.1 ml from a single pipetting with two pre-calibrated volumes
- Allows easy sequential dilution to 1:10
- Independent calibration of each volume
- Ergonomic shape, effortless pipetting
- Adjustable ejector
- Interchangeable PE protective filter
- Easy care and clean, autoclavable without disassembly

Cat. No.	Description	Units/ bag	Units/ box	€/ box
041120	Fixed volume sampling pipette Acura® 810	-	1	N/A -
041110	Sterile straw pipette 1.1 ml	25	1000	N/A -
041115	Sterile straw pipette 2.2 ml	25	1000	N/A -
061968	Replaceable PE protective filter	-	3600	N/A -

Micropipettes Acura® manual 825, 826XS, 855 and 835



- Lightweight, optimised grip and smooth piston activation
- Volume control with precision stop
- Rotating cap prevents accidental volume changes
- Fast and safe calibration by the user
- Autoclavable without disassembly
- Robust, shock and UV resistant
- Warranty: 3 years

Micropipette Acura® 825 and 826XS

- Acura® 826XS: shorter and lighter with a thinner bottom section to facilitate pipetting into microtubes

			Acura® 825		Acura® 826XS	
Volume (µl)	Increment (µl)	Suitable tips	Cat.No	€	Cat.No	€
0.1- 2	0.002	10 µl	061104	N/A -	061700	N/A -
0.5 - 10	0.01	10 µl	061105	N/A -	061701	N/A -
1 - 10	0.01	200 µl	061106	N/A -	061702	N/A -
2 - 20	0.02	200 µl	061107	N/A -	061703	N/A -
5 - 50	0.1	200 µl	061108	N/A -	061704	N/A -
10 - 100	0.1	200 µl	061109	N/A -	061705	N/A -
20 - 200	0.2	200 and 350 µl	061110	N/A -	061706	N/A -
100 - 1000	1	1000 µl	061111	N/A -	061707	N/A -

Micropipettes Acura® manual 825, 826XS, 855 and 835 (continued)

Multichannel micropipettes Acura® 855

➤ Rotation of the bottom part through 360 °C

			8-channel		12-channel	
Volume (µl)	Increment (µl)	Suitable tips	Cat.No	€	Cat.No	€
0.5 - 10	0.01	10 µl	061132	N/A -	061135	N/A -
5 - 50	0.1	200 µl	061133	N/A -	061136	N/A -
10 - 100	0.1	200 µl	350370	N/A -	-	-
20 - 200	0.2	200 µl	061363	N/A -	061364	N/A -
40- 350	0.4	350 µl	061134	N/A -	061137	N/A -

Macropipettes Acura® 835

➤ Pasteur pipettes or straw tips can be used on 2 and 5 ml models with the adapter

➤ Also available in fixed volume, find them on our website

Volume (µl)	Increment (µl)	Suitable tips	Cat.No	€
200 - 2000	0.002	2 ml	061714	N/A -
200 - 2000	0.002	2 ml	350377*	N/A -
500 - 5000	0.01	5 ml	061112	N/A -
500 - 5000	0.01	5 ml	061200*	N/A -
1 - 10000	0.01	10 ml	061113	N/A -

Accessories for Acura® 835

Cat. No.	Description	Units/ box	€/ box
061114	Protective filter for 2 and 5 ml models	250	N/A -
061115	Protective filter for 10 ml model	100	N/A -
061712	Straw adapter	1	N/A -
061259	Adapter for 2 ml Pasteur pipette	1	N/A -
061116	5 ml straw adapter for use with Pasteur pipette adapter	1	N/A -
061116	Sterile straw 5 ml	3600	N/A -



Acura® Manual Micropipette Kit

➤ TwiXS Kit Pack containing two Accura 826XS micropipettes

Cat. No.	Pipette 1	Pipette 2	€
061708	0.1 - 2 µl	2 - 20 µl	N/A -
061709	0.5 - 10 µl	10 - 100 µl	N/A -
061789	2 - 20 µl	20 - 200 µl	N/A -
061710	5 - 50 µl	20 - 200 µl	N/A -
061711	10 - 100 µl	100 - 1000 µl	N/A -
061790	20 - 200 µ	100 - 1000 µl	N/A -

Supplied with:
- 1 shelf support;
- Qualitix tip samples;
- one QC certificate per pipette.

Trio Pack: set of 3 micropipettes Acura® Socorex

	Contents of the Trio Pack			
Cat. No.	Pipette 1	Pipette 2	Pipette 3	€
061192	0.1 - 2 µl	0.5 - 10 µl	5 - 50 µl	N/A -
061194	0.1 - 2 µl	2 - 20 µl	20 - 200 µl	N/A -
061195	1 - 10 µl	5 - 50 µl	20 - 200 µl	N/A -
061367	0.5 - 10 µl	10 - 100 µl	100 - 1000 µl	N/A -
061196	1 - 10 µl	10 - 100 µl	100 - 1000 µl	N/A -
061197	2 - 20 µl	20 - 200 µl	100 - 1000 µl	N/A -
061366	5 - 50 µl	20 - 200 µl	100 - 1000 µl	N/A -
061198	10 - 100 µl	100 - 1000 µl	0.5 - 5 ml	N/A -
061199	100 - 1000 µl	0.5 - 5 ml	1 - 10 ml	N/A -

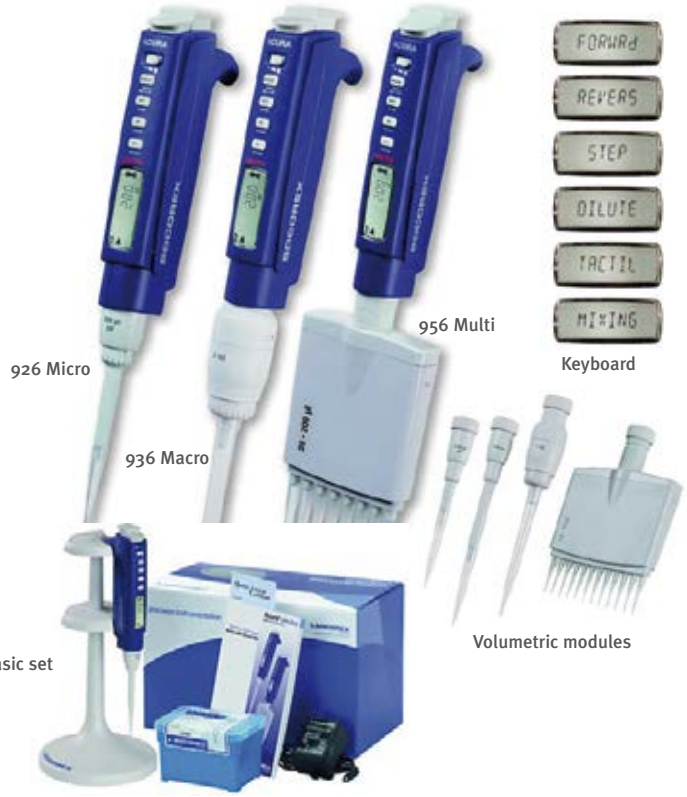
➤ TrioPack containing 3 micropipettes 825 (volume 0.1 to 1000 µl) or Macropipettes 835 (volume 0.2 to 10 ml)

➤ Supplied with Qualitix tip samples and QC certificate per pipette



All prices are indicative and exclude VAT. Visit www.dulis.nl

Electronic micropipettes Acura® Electro 926 micro, 936 macro, 956 multi Socorex



- **Light**
- **Intuitive programming**
- **Six pipetting modes "direct", "reverse", "multidistribution", "dilution", "touch" and "mix"**
- **Pipetting cycle counter**
- **Clear display, right/left-handed reversible reading**
- **Interchangeable battery**
- **Many autoclavable and interchangeable volumetric modules available, please consult us**
- **Adjustment of the ejection height**
- **Fast charge, long autonomy (3000 cycles)**

7 micropipettes (0.1 to 1000 µl), 3 macropipettes (0.1 to 10 ml) and 8 multichannel (0.1 to 350 µl).
2 presentations:

- The Acura® Electro micropipette is supplied individually with the calibration certificate, Qualitips® sample tips, instructions for use, without charger*;
- a basic set includes:
  - one pipette,
  - an individual calibration certificate,
  - instructions for use,
  - a charging stand,
  - an extra battery pack,
  - a power socket,
  - Qualitips® sample tips.

Find all the accesories on www.dulis.nl

Volume (µl)	Division (µl)	Tip Type	Acura® Electro Basic set		Micropipette Acura® Electro*	
			Cat.No	€	Cat.No	€
Micropipettes Acura® Electro XS 926						
0.1 - 2	0.01	Ultra 10 µl	**061728**	**N/A -**	**061720**	**N/A -**
0.5 - 10	0.05	Ultra 10 µl	**061729**	**N/A -**	**061721**	**N/A -**
0.5 - 10	0.05	200 µl	**061730**	**N/A -**	**061722**	**N/A -**
1 - 20	0.1	200 µl	**061731**	**N/A -**	**061723**	**N/A -**
2.5 - 50	0.25	200 µl	**061732**	**N/A -**	**061724**	**N/A -**
5 - 100	0.5	200 µl	**061733**	**N/A -**	**061725**	**N/A -**
10 - 200	1.0	200 µl	**061734**	**N/A -**	**061726**	**N/A -**
50 - 1000	5	1000 µl	**061735**	**N/A -**	**061727**	**N/A -**
Macropipettes Acura® Electro 936						
0.1 - 2 ml	0.01 ml	2 ml	**061739**	**N/A -**	**061736**	**N/A -**
0.25 - 5 ml	0.05 ml	5 ml	**061740**	**N/A -**	**061737**	**N/A -**
0.5 - 10 ml	0.05 ml	10 ml	**061741**	**N/A -**	**061738**	**N/A -**
Multichannel 8-channel Acura® Electro 956						
0.5 - 10	0.05	Ultra 10 µl	**061750**	**N/A -**	**061742**	**N/A -**
2.5 - 50	0.25	200 µl	**061751**	**N/A -**	**061743**	**N/A -**
10 - 200	1	200 µl	**061752**	**N/A -**	**061744**	**N/A -**
20 - 350	5	350 µl	**061753**	**N/A -**	**061745**	**N/A -**
Multichannel 12-channel Acura® Electro 956						
0.5 - 10	0.05	Ultra 10 µl	**061754**	**N/A -**	**061746**	**N/A -**
2.5 - 50	0.25	200 µl	**061755**	**N/A -**	**061747**	**N/A -**
10 - 200	1.0	200 µl	**061756**	**N/A -**	**061748**	**N/A -**
20 - 350	5.0	350 µl	**061757**	**N/A -**	**061749**	**N/A -**

* Supplied without charger: to be completed with the charging carousel Cat. No. 061150 and the charger Cat. No.061154.

Socorex Qualix® Tips

- Premium quality polypropylene, free of heavy metals and cytotoxic elements
- Certified protease-free filter tips





Socorex Qualix® Standard tips

								Bulk			On a rack			Refill		
Volume (µl)	Type	Length (mm)	Graduation	Colour	Auto-clavable	Type	Sterile	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
10	Thin shaft	31.4	No	Natural	Yes	Standard	No	**985206**	1000	**N/A -**	**985207**	12 x 96	**N/A -**	**985208**	13 x 96	**N/A -**
						Standard	Yes	-	-	-	**985210**	12 x 96	**N/A -**	-	-	-
						Low Binding	No	-	-	-	**985212**	12 x 96	**N/A -**	-	-	-
						Low Binding	Yes	-	-	-	**985213**	12 x 96	**N/A -**	-	-	-
		38.1	No	Natural		Standard	No	**985214**	1000	**N/A -**	**985215**	10 x 96	**N/A -**	-	-	-
						Low Binding	No	-	-	-	**985217**	10 x 96	**N/A -**	-	-	-
						Low Binding	Yes	-	-	-	**985218**	10 x 96	**N/A -**	-	-	-
200	Bevelled	49.6	Yes	Natural		Standard	No	**985221**	1000	**N/A -**	**985222**	10 x 96	**N/A -**	**985223**	10 x 96	**N/A -**
						Standard	Yes	-	-	-	**985224**	10 x 96	**N/A -**	-	-	-
						Low Binding	No	-	-	-	**985226**	10 x 96	**N/A -**	-	-	-
						Low Binding	Yes	-	-	-	**985227**	10 x 96	**N/A -**	-	-	-
			No	Yellow		Standard	No	**985228**	1000	**N/A -**	**985229**	10 x 96	**N/A -**	-	-	-
						Standard	Yes	-	-	-	**985230**	10 x 96	**N/A -**	-	-	-
350	Thin shaft	58.8	No	Natural		Standard	No	**350265**	1000	**N/A -**	**061941**	10 x 96	**N/A -**	-	-	-
1000	Thin shaft	88.9	No	Natural		Standard	No	**985233**	1000	**N/A -**	**985234**	6 x 96	**N/A -**	-	-	-
						Standard	Yes	-	-	-	**985237**	6 x 96	**N/A -**	-	-	-
						Low Binding	No	-	-	-	**985239**	6 x 96	**N/A -**	-	-	-
						Low Binding	Yes	-	-	-	**985240**	6 x 96	**N/A -**	-	-	-
	Bevelled				No	Standard	No	-	-	-	-	-	-	**985235**	5 x 96	**N/A -**
	Bevelled	75.9	No	Blue	Yes	Standard	No	**985241**	1000	**N/A -**	**985242**	6 x 96	**N/A -**	-	-	-
							Yes	-	-	-	**985243**	6 x 96	**N/A -**	-	-	-
			Yes	Natural		Standard	No	**985244**	1000	**N/A -**	**985245**	6 x 96	**N/A -**	-	-	-
2000	Macro	115.5	No	Natural		Standard	No	**061689**	500	**N/A -**	-	-	-	-	-	-
5000	Macro	123.2	Yes	Natural		Standard	No	**061698**	500	**N/A -**	**061699**	2 x 50	**N/A -**	-	-	-
10000	Macro	150	No	Natural		Standard	No	**061155**	300	**N/A -**	-	-	-	-	-	-

Socorex Qualix® filter tips - on rack

DNase RNase · Endo-toxins · Pyro-genic · ATP · Human DNA · PROTEASE

Vol. (µl)	Type	Length (mm)	Graduation	Colour	Cat.No	Units/ box	€/ box
10	Thin shaft	31.4	Yes	Natural	**985211**	12 x 96	**N/A -**
		38.1	No	Natural	**985211**	12 x 96	**N/A -**
20	Bevelled	49.6	No	Natural	**985219**	10 x 96	**N/A -**
100	Bevelled	49.6	No	Natural	**985220**	10 x 96	**N/A -**
200	Bevelled	51.2	No	Natural	**985225**	10 x 96	**N/A -**
1000	Thin shaft	88.9	No	Natural	**985238**	6 x 96	**N/A -**

Empty racks

Cat. No.	Description	Units/ box	€/ box
985209	Autoclavable empty rack for 96 x 10 and 200 µl tips	10	**N/A -**
985236	Autoclavable Empty rack for 96 x 1000 µl tip	6	**N/A -**
350270	Autoclavable empty rack for 24 x 10 ml tips	4	**N/A -**

* Can be used with charging systems.

All prices are indicative and exclude VAT. Visit www.dulis.nl

Smartie coloured caps



Cat. No.	Colour	€ 6 units	Cat. No.	Colour	€ 6 units	Cat. No.	Colour	€ 6 units
061117	White	N/A -	061122	Orange	N/A -	061127	Ice Blue	N/A -
061118	Gray	N/A -	061123	Red	N/A -	061128	Blue	N/A -
061119	Vanilla	N/A -	061124	Pink	N/A -	061129	Mint	N/A -
061120	Lime	N/A -	061125	Fuchsia	N/A -	061130	Green	N/A -
061121	Yellow	N/A -	061126	Violet	N/A -	061131*	Assorted colors	N/A -

* price for 14

Universal holder for 7 micropipettes



For single-channel, manual and electronic Socorex models. And for additional volumetric modules.

Cat. No.	Colour	€
061005	Light grey	N/A -
061006	Vanilla	N/A -
061007	Ice Blue	N/A -
061008	Mint	N/A -
061365	Pink	N/A -

Universal twister rack for 6 pipettes



- For 6 pipettes of all brands
- Easy rotation of the entire rack by rotating the base with the finger
- Very stable
- Anti-slip pads
- 7 bright, translucent colours
- The coloured holders can be removed from the holder and cleaned easily with water and detergent

Sapphire Blue	Emerald Green	Topaz Orange	Quartz Grey	Ruby Red	Transp. Diamond	Yellow Citrine	€
061791	061792	061793	061794	061795	061796	061797	N/A -

Socorex Holder for 3 pipettes



Stand designed for 3 multi-channel and single-channel pipettes. Allows for a perfect fit and easy grip of each instrument. For all Calibra® and Acura® models.

- Good stability on the bench
- Non-slip feet
- Robust polyamide, easy to clean

Cat.No	Description	€
061257	Holder for 3 pipettes	N/A -

Polycarbonate shelf holder



- Storage of two micropipettes Acura® manual, Calibra® digital and Acura® self-refill 865
- Fixing with self-adhesive tape

Cat. No.	Description	€
061692	Adhesive holder for two micropipettes	N/A -

Ecopipette Micropipettes

- Large tip ejection button
- Fully autoclavable without disassembly
- Metal base
- Double seal for better sealing



Cat. No.	Volume (µl)	Colour code	€
091037	0.2 - 2	Violet	N/A -
091038	0.5 - 10	White	N/A -
091039	2 - 20	Grey	N/A -
091040	5 - 50	Red	N/A -
091041	10 - 100	Orange	N/A -
091042	20 - 200	Yellow	N/A -
091043	100 - 1000	Blue	N/A -

Rack for 3 pipettes

Cat. No.	Description	€
091176	PRack for 3 pipettes Capp	N/A -

Bravo variable volume micropipettes

- Fully autoclavable
- Ergonomic
- Ultra-light



Cat. No.	Volume (µl)	Colour code	€
091186	0.2 - 2	Pink	N/A -
091187	0.5 - 10	Grey	N/A -
091189	2 - 20	Grey	N/A -
091190	5 - 50	Red	N/A -
091191	10 - 100	Orange	N/A -
091192	20 - 200	Yellow	N/A -
091193	100 - 1000	Blue	N/A -
091194	1 - 5000	Green	N/A -
091195	1 - 10000	Green	N/A -

Micropipettes CappAero 8, 12, 16, 48, 64 channel

- Fixed and variable volumes combined in one micropipette
- Volume can be changed and locked with one hand
- Suitable for right and left handed people
- Fully autoclavable, easy care and maintenance
- Simple ejection system
- Ergonomic design allows easy maintenance, quick access to pistons for cleaning and lubrication
- Double seal on each cone holder for better adaptability of the tips
- Robustness and chemical resistance thanks to anodised aluminium, stainless steel and durable plastics
- Each channel is independent
- 3 year warranty on all CappAero pipettors



		8-channel		12-channel	
Volume (µl)	Code Colour	Cat. No.	€	Cat. No.	€
0.5 - 10 µl	White	091206	N/A -	091212	N/A -
2 - 20 µl	Grey	091207	N/A -	091213	N/A -
5 - 50 µl	Red	091208	N/A -	-	-
10 - 100 µl	Orange	091209	N/A -	091214	N/A -
20 - 200 µl	Yellow	091210	N/A -	091215	N/A -
30 - 300 µl	Black	091211	N/A -	091216	N/A -

CappAero Softline 16-channel micropipettes

Cat. No.	Channel Number	Volume (µl)	Colour	€
091018	16	0.2 - 2	Violet	N/A -
091017	16	0.5 - 10	White	N/A -
091035	16	5 - 50	Red	N/A -

CappAero 48 channel micropipettes (standard handle)

Cat. No.	Description	€
091096	48 channel standard pipette 0.5 - 10 µl	N/A -
091090	EXPELLPLUS Tips 0.2 - 50 µl Capp (10 units of 384)	N/A -

CappAero accessories

Cat. No.	Description	€
091019	Carousel rack for 6 single or 3 multi-channel CappAero	N/A -

CAPP Microbiology Micropipette

- To be used with straw tips
- For volumes of 100, 900 and 1000 µl
- Comes with the 3 buttons of the 3 volumes
- Ideal for pipetting viscous products such as cream, yoghurt, cosmetics
- Free rotation of the volume
- Fully autoclavable



Sterile straws

Cat. No.	Description	€ 1000 units
091076	Sterile straws, 19 cm	N/A -

Cat. No.	Description	€
091009	Microbiology pipette volume 100, 900 or 1000 µl	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Transferpette S Micropipettes



- Short-stroke piston with reduced pipetting force
- Volume lock for safe pipetting
- Colour coding visible on the display, the locking button and the bottom of the micropipette
- Quick and tool-free calibration with Easy Calibration technology
- Fine tip holder for easy pipetting in narrow containers
- Autoclavable at 121 °C without disassembly

Transferpette S Micropipette, variable volume

Cat. No.	Volume (µl)	Colour code	€
042527	0.1 - 1	Grey (nano-cap)	N/A -
042528	0.1 - 2.5	Grey (nano-cap)	N/A -
042529	0.5 - 10	Grey	N/A -
042530	2 - 20	Yellow	N/A -
042531	5 - 50	Yellow	N/A -
042532	10 - 100	Yellow	N/A -
042533	20 - 200	Yellow	N/A -
042534	100 - 1000	Blue	N/A -
042535	500 - 5000	Red	N/A -
042536	1000 - 10000	Light blue	N/A -

Transferpette S Micropipette, fixed volume

Cat. No.	Volume (µl)	Colour code	€
042518	10	Grey	N/A -
042519	20	Yellow	N/A -
042520	25	Yellow	N/A -
042521	50	Yellow	N/A -
042522	100	Yellow	N/A -
042523	200	Yellow	N/A -
042524	500	Blue	N/A -
042525	1000	Blue	N/A -
042526	2000	Red	N/A -

Transferpette S multichannel micropipettes

Volume (µl)	Colour code	Model 8-channel		Model 12-channel	
		Cat.No	€	Cat.No	€
0.5 - 10	Grey	042543	N/A -	042548	N/A -
5 - 50	Yellow	042544	N/A -	042549	N/A -
10 - 100	Yellow	042545	N/A -	042550	N/A -
20 - 200	Yellow	042546	N/A -	042551	N/A -
30 - 300	Green	042547	N/A -	042552	N/A -

BRAND Electronic Transferpette Micropipettes



- Reduced attachment and ejection forces
- Adjustable retaining strap
- Intuitive menu control
- Program selections: pipetting, reverse pipetting, mixing, gel electrophoresis, dispensing, Easy Calibration technique
- 4000 pipetting cycles for one battery charge
- Can be used while recharging
- Autoclavable lower part

Transferpette Electronic Micropipettes, single channel

Volume (µl)	Increment (µl)	Colour code	Cat. No.	€
0.5 - 10	0.01	Grey	042583	N/A -
2 - 20	0.02	Grey	781974	N/A -
10 - 200	0.2	Yellow	781605	N/A -
50 - 1000	1	Blue	781731	N/A -
250 - 5000	5	Red	674097	N/A -

Transferpette Electronic Micropipettes, multi-channel

Volume (µl)	Increment (µl)	Colour code	8-channel		12-channel	
			Cat.No	€	Cat.No	€
0.5 - 10	0.01	Grey	042584	N/A -	781977	N/A -
1 - 20	0.02	Grey	781975	N/A -	781978	N/A -
5 - 100	0.1	Yellow	781616	N/A -	781979	N/A -
10 - 200	0.2	Yellow	674385	N/A -	781980	N/A -
15 - 300	0.5	Green	674375	N/A -	042585	N/A -

Accessories

Cat. No.	Description	€
781981	Refill holder for 3 electronic Transferpette Pipettes	N/A -
781982	Individual holder for 1 Electronic Transferpette Pipette	N/A -
781984	Individual holder for Transferpette Multi-channel Pipettes	N/A -

Brand Tips

- Scaled for quick volume control
- All racked tips up to 1000 µl are free of DNA, RNase, endotoxins and ATP
- Autoclavable upt to 121 °C
- Marking CE IVD 98/79 CE

ATP · DNase RNase · Endo-toxins · BRAND

Non-filter Tips

		Bulk			Rack			Sterile rack			Refill trays		
Vol. (µl)	Colour code	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
0.1 - 20	Grey (nano-cap)	092452	1000	N/A -	042554	5 x 96	N/A -	092460	10 x 96	N/A -	-	-	-
0.5 - 20	Grey	092453	1000	N/A -	781739	5 x 96	N/A -	092461	10 x 96	N/A -	674389	10 x 96	N/A -
1 - 50	Grey	-	-	-	042555	5 x 96	N/A -	042557	10 x 96	N/A -	-	-	-
2 - 200	Yellow	092454	1000	N/A -	781740	5 x 96	N/A -	092462	10 x 96	N/A -	674390	10 x 96	N/A -
5 - 300	Green	092455	1000	N/A -	042556	5 x 96	N/A -	092463	10 x 96	N/A -	-	-	-
50 - 1000	Blue	092456B	5000	N/A -	781741	5 x 96	N/A -	092464	10 x 96	N/A -	674391	10 x 96	N/A -
500 - 5000	Red	092458	200	N/A -	781609	1 x 28	N/A -	-	-	-	-	-	-
1000 - 10000	Light blue	092459	200	N/A -	781612	1 x 18	N/A -	-	-	-	-	-	-

Filter tips

		Standard						Ultra Low Retention		
		Sterile rack			Sterile refill			Sterile rack		
Vol. (µl)	Colour code	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
0.1 - 1	Grey (nano-cap)	042558	10 x 96	N/A -	042560	10 x 96	N/A -	042567	10 x 96	N/A -
0.5 - 10	Grey	674378	10 x 96	N/A -	042561	10 x 96	N/A -	042568	10 x 96	N/A -
1 - 20	Grey	042559	10 x 96	N/A -	042562	10 x 96	N/A -	042569	10 x 96	N/A -
2 - 20	Yellow	674379	10 x 96	N/A -	042563	10 x 96	N/A -	042570	10 x 96	N/A -
5 - 100	Yellow	781636	10 x 96	N/A -	042564	10 x 96	N/A -	042571	10 x 96	N/A -
5 - 200	Yellow	674380	10 x 96	N/A -	042565	10 x 96	N/A -	042572	10 x 96	N/A -
50 - 1000	Red	091468	10 x 96	N/A -	042566	10 x 96	N/A -	042573	10 x 96	N/A -





All prices are indicative and exclude VAT. Visit www.dulis.nl

ClearLine® Micropipettes





- Light weight and soft spring system for comfortable working
- Adjusting the height of the ejection system
- Volume range
- Fully autoclavable
- Resistant to UV

ClearLine® single-channel micropipettes

Volume (µl)	Colour code	Cat. No.	€	Cat. No. Cofrac certified*	€
0.1 - 2	Red	257029	N/A -	257029C	N/A -
0.5 - 10	Red	257030	N/A -	257030C	N/A -
2 - 20	Yellow	257031	N/A -	257031C	N/A -
10 - 100	Yellow	257032	N/A -	257032C	N/A -
20 - 200	Yellow	257033	N/A -	257033C	N/A -
100 - 1000	Blue	257034	N/A -	257034C	N/A -
500 - 5000	White	257035	N/A -	257035C	N/A -
1000 - 10000	White	257036	N/A -	257036C	N/A -

ClearLine® multichannel Micropipettes

		8-channel				12-channel			
Volume (µl)	Colour code	Cat.No	€	Cat. No. Cofrac certified*	€	Cat.No	€	Cat. No. Cofrac certified*	€
1 - 10	Red	257037	N/A -	257037C	N/A -	257041	N/A -	257041C	N/A -
0.5 - 10	Yellow	257038	N/A -	257038C	N/A -	257042	N/A -	257042C	N/A -
20 - 200	Yellow	257039	N/A -	257039C	N/A -	257043	N/A -	257043C	N/A -
50 - 300	Green	257040	N/A -	257040C	N/A -	257044	N/A -	257044C	N/A -

* Cofrac certified micropipettes (3 volumes, 10 weighings) delivered with certificate.

ClearLine®Filtered and non-filtered tips



The ultimate solution for liquid samples.

- **Filter and non-filter tips made of transparent polyproyplene on a rack with a covering lid or on a hinged rack**
- **ISO-8655: the ISO-8655 standard established by an independent laboratory guarantees that the pipette tips used do not alter the technical specifications of precision and reproducibility given by the manufacturer. Find the ClearLine® tip verification reports with your micropipettes on our website www.dulis.be/clearline**
- **2 surface options: standard or low binding**
- **2 Racks to choose from:**
  - **ClearLine® Rack: rack with covering lid**
  - **ClearLine® Plus Rack: hinged lid rack, stackable and colour-coded**
- **Compatible with all brands of micropipettes**



ISO-8655 certification

Enter the Cat. No. on dulis.be to find the application note guides

ClearLine® Racked non-filter tips - universal compatibility

				On ClearLine®rack				On ClearLine® Plus rack			Refill for rack ClearLine® Plus
				Standard tips		Low binding Tips		Standard tips		Low binding Tips	Standard tips
Photo N°**	Vol. (µl)	Description	Units/ box	No sterile	Sterile	No sterile	Sterile	No sterile	Sterile	Sterile	No sterile
4	10	Long fine tip 45 mm	10 x 96	030560ACL	030570ACL	-	-	713245	713246	713247	-
3	10	Long tip 45 mm	10 x 96	037640CL	037660CL	037640TCL	037660TCL	713275	713276	713277	713268
7	200	Natural Tip - length 50.7 mm	10 x 96	032230CL	032250CL	-	035100ACL	713248	713249	713250	713269
7	200	Yellow Tip- length 50.7 mm	10 x 96	032240CL	032260CL	-	-	-	-	-	-
-	300	Universal tip - length 59 mm	10 x 96	-	-	-	-	713251	713252	713253	713270
10	1000	Blue Tip - length 72.8 mm	10 x 100	027110CL	027120CL	-	-	-	-	-	-
11	1250	Long tip 102 mm	8 x 96	134750CL*	134760CL*	-	-	713254	713255	-	713271
		€/box		N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* On a hinged rack

** See photo of model with filter (next page) - not including this one

ClearLine® Filter and non-filter tips (continued)





Enter the Cat. No. on dulis.be to find the application note guides



ClearLine®Filter tips, sterile, on rack

Photo number	Volume (µl)	Description	Compatibility	On ClearLine® rack – Standard Tips – Cat.No	Pack unit.	€	On ClearLine® rack – Low binding Tips – Cat.No	Pack unit.	€	On ClearLine® Plus rack – Low binding Tips – Cat.No	Pack unit.	€
1	0.1 - 10	Gilson short tip length 28.8 mm	Universal	**028200CL**	10 x 96	**N/A -**	**035200CL**	10 x 96	**N/A -**	**-**	-	**-**
2	0.5-10	Eppendorf long tip length 45.5 mm	Eppendorf, Socorex, Gilson, Rainin	**015020CL**	10 x 96	**N/A -**	**035210CL**	10 x 96	**N/A -**	**-**	-	**-**
3	0.1 - 10	Long tip 45 mm	Universal	**038000CL**	10 x 96	**N/A -**	**038000TCL**	10 x 96	**N/A -**	**713278**	10 x 96	**N/A -**
4	0.1 - 10	Long fine point 45 mm	Universal	**130340CL**	10 x 96	**N/A -**	**-**	-	**-**	**713260**	10 x 96	**N/A -**
5	1 - 20	Universal tip - length 50.7 mm	Universal	**014210CL**	10 x 96	**N/A -**	**035220CL**	10 x 96	**N/A -**	**713261**	10 x 96	**N/A -**
6	1 - 100	Universal tip - length 50.7 mm	Universal	**036060CL**	10 x 96	**N/A -**	**036060TCL**	10 x 96	**N/A -**	**713262**	10 x 96	**N/A -**
7	1 - 200	Universal tip - length 50.7 mm	Universal	**014220CL**	10 x 96	**N/A -**	**035230CL**	10 x 96	**N/A -**	**713263**	10 x 96	**N/A -**
8	20 -200	Polyvalent tip for 20, 100 or 200 µl micropipette - length 78 mm	Universal	**017370CL**	10 x 96	**N/A -**	**035240CL**	10 x 96	**N/A -**	**713264**	8 x 96	**N/A -**
9	1 - 300	Long tip 78 mm	Universal	**130510CL**	10 x 96	**N/A -**	**130510TCL**	10 x 96	**N/A -**	**713265**	8 x 96	**N/A -**
10	100-1000	Universal tip - length 72.8 mm	Universal	**014200CL**	10 x 100	**N/A -**	**035260CL**	10 x 100	**N/A -**	**-**	-	**-**
11	50-1250	Long tip 102 mm	Universal	**134000CL***	8 x 96	**N/A -**	**-**	-	**-**	**713266**	8 x 96	**N/A -**

NB: Photos are not to scale

*** On hinged rack**

Accessories

Cat. No.	Description	€
713257	Empty box for refill ClearLine® Plus 10, 200 and 300 µl	**N/A -**
713258	Empty box for refill ClearLine® Plus 1000 and 1250 µl	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Filter and non-filter tips on hingued rack ClearLine®



ClearLine® Tips on a hinged rack

- Sterile Tips with or without filter
- Filter tips, low binding:
  maximum sample recovery
  ensuring accurate dispensing of the volume dispensed
- Universal compatibility

Human DNA · DNase RNase · Endo-toxins · Pyro-genic · PCR-inhibitor

CE / IVD / ISO-8655 certification

ClearLine®Sterile filter tips on hinged rack

Vol. (µl)	Description	Tray colour	Pack unit.	Filter tip, sterile, low binding Cat.No	€
10	10 µl graduated tip length: 31.24 mm	Red	10 x 96	713130	N/A -
10	10 µl long graduated tip length: 45.87 mm	Red	10 x 96	713114	N/A -
20	20 µl graduated tip length: 50.75 mm	Yellow	10 x 96	713115	N/A -
100	100 µl graduated tip length: 59.54 mm	Yellow	10 x 96	713116	N/A -
200	200 µl graduated tip length: 59.54 mm	Yellow	10 x 96	713117	N/A -
300	300 µl graduated tip Length: 59.54 mm	Green	10 x 96	713131	N/A -
1000	1000 µl graduated tip length: 81.78 mm	Blue	8 x 96	713118	N/A -
1250	1000µl long graduated tip length: 98.40 mm	Blue	8 x 96	713119	N/A -

ClearLine®Sterile non-filter tips on hinged rack

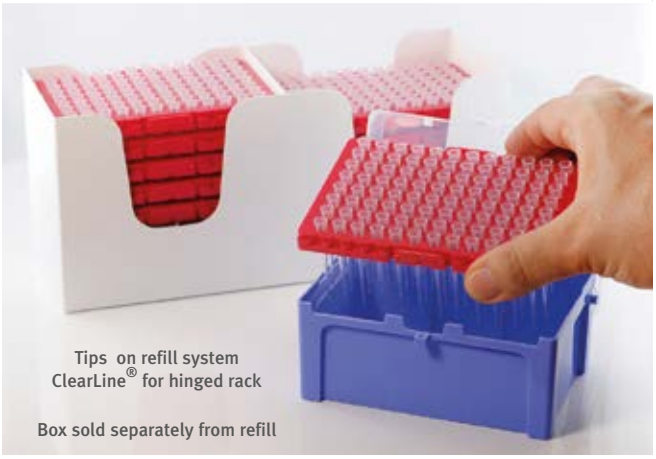
Vol. (µl)	Description	Tray colour	Pack unit.	Non-filter tip, sterile, standard Cat.No	€	Non-filter tip, stérile, low binding Cat.No	€
10	10 µl graduated tip length: 31.24 mm	Red	10 x 96	713136	N/A -	713142	N/A -
10	10 µl long graduated tip length: 45.84 mm	Red	10 x 96	713135	N/A -	713141	N/A -
-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-
200	200 µl graduated tip length: 50.75 mm	Yellow	10 x 96	713137	N/A -	713143	N/A -
300	300 µl graduated tip Length: 59.54 mm	Green	10 x 96	713138	N/A -	713144	N/A -
1000	1000 µl graduated tip length: 83.09 mm	Blue	8 x 96	713139	N/A -	713145	N/A -
1250	1000µl long graduated tip length: 98.40 mm	Blue	8 x 96	713140	N/A -	713146	N/A -

ClearLine®hinged rack charging system

- Simple and fast charging system
- Standard or low binding tips, non-sterile, no filter, universal compatibility
- Ecological: cardboard packaging (reduction of plastic waste linked to the packaging of refill towers)
- Very small footprint: system requires 57% less storage space than other systems
- ClearLine® refill trays are compatible with ClearLine®hinged filter tip racks
- Available in Cleanpack resealable bags

Human DNA · DNase RNase · Endo-toxins · Pyro-genic · PCR-inhibitor · CE IVD

CE / IVD / ISO-8655 certification



Tips on refill system ClearLine® for hinged rack

Box sold separately from refill

			Standard tip refill						Low binding tip refill					
			Cardboard support			Cleanpack bag			Cardboard support			Cleanpack bag		
Volume (µl)	Description	Tray colour	Cat.No	Pack unit.	€	Cat.No	Pack unit.	€	Cat.No	Pack unit.	€	Cat.No	Pack unit.	€
10	10 µl graduated tip length: 31.24 mm	Red	713128	10 x 96	N/A -	713165	5 x 960	N/A -	713151	10 x 96	N/A -	713172	5 x 960	N/A -
10	10 µl long graduated tip, lenght.: 45.84 mm	Red	713110	10 x 96	N/A -	713166	5 x 960	N/A -	713147	10 x 96	N/A -	713173	5 x 960	N/A -
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
200	200 µl graduated tip lenght: 50.75 mm	Yellow	713111	10 x 96	N/A -	713167	5 x 960	N/A -	713148	10 x 96	N/A -	713174	5 x 960	N/A -
300	300 µl graduated tip Length: 59.54 mm	Green	713129	10 x 96	N/A -	713168	5 x 960	N/A -	713162	10 x 96	N/A -	713175	5 x 960	N/A -
1000	1000 µl graduated tip length: 81.78 mm	Blue	713112	8 x 96	N/A -	713169	4 x 960	N/A -	713149	8 x 96	N/A -	713176	4 x 960	N/A -
1250	1000 µl long graduated tip length: 98.40 mm	Blue	713113	8 x 96	N/A -	713170	4 x 960	N/A -	713150	8 x 96	N/A -	713177	4 x 960	N/A -

NB: Photos are not to scale

Empty boxes for ClearLine® refill system



Cat. No.	Description	Units/ box	€/ box
713120	Empty box for 10 µl tips to 300 µl ClearLine®	10	N/A -
713121	Empty box for 1000 µl and 1250 µl tips ClearLine®	8	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

LabMate Pro micropipettes



LabMate Pro


060838


060839

- One-handed volume control
- Low pipetting effort
- Strong tip holder
- Adjustment of the height of the ejection system with small pins
- Fully autoclavable
- Resistant to UV
- Stainless steel ejector
- Easy maintenance and recalibration

	LabMate Pro single channel		
Volume (µl)	Type	Cat.No	€
0.1 - 2	LMPP2	060800B	N/A -
0.5 - 10	LMP10	060801B	N/A -
2 - 20	LMP20	060802B	N/A -
5 - 50	LMP50	060803B	N/A -
10 - 100	LMP100	060804B	N/A -
20 - 200	LMP200	060805B	N/A -
50 - 250	LMP250	060806B	N/A -
100 - 1000	LMP1000	060807B	N/A -
1000 - 5000	LMP5000	060808B	N/A -
1000 - 10000	LMP10000	060809B	N/A -

Racks

Cat. No.	Description	€
060838	Universal plexiglas pipette holder	N/A -
060839	Universal plexiglass 4 pipette holder	N/A -
060829	Carousel stand, 6 places grey	N/A -

HP®pette High precision micropipettes

- Mechanical air displacement pipettes, volume range 0.5 µl to 5 ml
- Good handling, easy to use
- Volume readout window visible on the side of the pipette, ejector button on the back for easy ejection
- Fully autoclavable

Supplied with: calibration key, operating instructions, grease tube, pipette holder, performance certificate to ISO8655/ DIN12650



HP®pette Single channel Micropipettes, variable volume

Cat. No.	Volume (µl)	Increment	€
861036VA	0.1 - 2.5	0.05 µl	N/A -
861037VA	0.5 - 10	0.1 µl	N/A -
861038VA	2 - 20	0.5 µl	N/A -
861039VA	5 - 50	0.5 µl	N/A -
861040VA	10 - 100	1 µl	N/A -
861041VA	20 - 200	1 µl	N/A -
861042VA	50 - 200	1 µl	N/A -
861043VA	100 - 1000	5 µl	N/A -
861045VA	200 - 1000	5 µl	N/A -
861044VA	1000 - 5000	50 µl	N/A -

HP®pette Singles channel Micropipettes, fixed volume

Cat. No.	Volume (µl)	€
861026VA	5	11N/A -
861027VA	10	11N/A -
861029VA	20	11N/A -
861028VA	20	11N/A -
861030VA	50	11N/A -
861031VA	100	11N/A -
861034VA	200	11N/A -
861032VA	250	11N/A -
861033VA	500	11N/A -
861035VA	1000	11N/A -

HP®pette 8-channel Micropipettes, variable volumne

Cat. No.	Volume (µl)	Increment (µl)	€
861046VA	0.5-10	0.1	N/A -
861047VA	5-50	0.5	N/A -
861048VA	50-300	5	N/A -

Minifix micropipette



- Economical micropipette guaranteed for up to 5000 pipettings
- Fixed volume, colour coded on the push button
- Total length 13 cm, extremely light (10 g)
- Blister-packed
- Re-calibration possible

Cat.No	Minifix Model	Recommended tip	€
391187	Minifix 5 µl	Micro Gilson / Eppendorf 0. - 10 µl	N/A -
391188	Minifix 10 µl	Universal tip 20 -200 µl	N/A -
391189	Minifix 20 µl	Universal tip 20 -200 µl	N/A -
391190	Minifix 25 µl	Universal tip 20 -200 µl	N/A -
391191	Minifix 50 µl	Universal tip 20 -200 µl	N/A -
391192	Minifix 100 µl	Universal tip 20 -200 µl	N/A -

Mµlti One Touch bi-component non-filter and filter tips

- Two-component tips: upper part in soft elastomer
- Optimal tightness and precision: ideal tips for multi-channel pipetting
- Reduced muscle fatigue for the user

DNase RNase





One Touch bi-component tips

Tip	Plastic rack Cat.No	Units/ box	€/ box
20 µl non sterile	**010300**	10 x 96	**N/A -**
20 µl sterile	**010310**	10 x 96	**N/A -**
330 µl non sterile	**010330**	10 x 96	**N/A -**
330 µl sterile	**010340**	10 x 96	**N/A -**
1000 µl non sterile	**010360**	8 x 96	**N/A -**
1000 µl sterile	**010370**	8 x 96	**N/A -**

One Touch bi-component filter tips

Volume (µl)	Plastic Cell-Rack Cat.No	Units/ box	€/ box
1 - 20	**010320**	10 x 96	**N/A -**
10 - 100	**010510**	10 x 96	**N/A -**
20 - 350	**010350**	10 x 96	**N/A -**
100 - 1250	**010380**	8 x 96	**N/A -**

Mµlti Tips

A guarantee of quality

DNase RNase · PCR-inhibitor · Human DNA · Pyro-genic

Advantages

- A tip especially designed for research
- A graSoft Tip: made of a softer polypropylene, these tips make it easier to attach to the micropipette and reduce the effort.
- A wide range of packaging and presentation options - see below.

Standard tip or Low Binding tip

Mµlti tips offer two surface qualities:

- the "standard" surface in virgin polypropylene;
- the "Low Binding" surface: the tip, made hydrophobic, reduces surface tensions. This property has two advantages: maximum sample recovery and much lower DNA and protein retention than with an ordinary tip.

All Cat. No.: Next pages

Mµlti Tips, bulk



In a bag with a zip to guarantee re-sealing.

Hinged rack



Rack with hinged lid, hinge and lock.

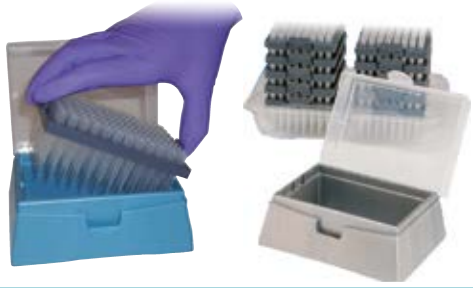
CellRack Racked tips



- Rack with hinged or covering lid
- Individual closed cells for each tip
- Design eliminates the risk of tip-to-tip contamination
- Easy insertion of the tips on the micropipette
- Enhanced rack stability
- Autoclavable

Refill tips on Platinum tray

- Sturdy pyramid hinged rack, stackable, repeatedly autoclavable
- Saves space and waste
- Transparent packaging to allow visualization of the tips



GoGREEN

Refill Tips on QuickRack



- 96 tips on a tray
- Simply take a tray and place it on any empty tip rack to have a loaded rack
- Fast, economical, small footprint
- Allows reuse of empty Cell Rack

TipStation racked Tips



- 10 ready-to-use tip racks in a minimum of space
- Simply remove one level after using the tips
- High stability bottom
- Ideal for multi-channel micropipettes
- Two-compartment lid

All prices are indicative and exclude VAT. Visit www.dulis.nl

Mµlti Tips

DNase RNase | PCR-inhibitor | Human DNA | Pyro-genic

See the racks description on the next page



Bulk

Tips	Vol. (µl)	Model	Length (mm)	Ø opening (mm)	Graduation (µl)	Colour	Type	Sterile	Cat.No	Units/ box	€/ box
	10	10 µl Sharp	44.83	0.36	1, 2, 5, 10	Natural	Standard	No	-	-	-
							Standard	Yes	-	-	-
		10 µl E (Eppendorf compatible)	45.5	0.38	-	Natural	Standard	No	013970	1000	N/A -
							Standard	Yes	-	-	-
							Low binding	No	035040A	1000	N/A -
							Low binding	Yes	-	-	-
		10 µl Ultra G (Gilson compatible)	28.8	0.38	2, 10	Natural	Standard	No	023580A	1000	N/A -
							Standard	Yes	-	-	-
							Low binding	No	035000A	1000	N/A -
							Low binding	Yes	-	-	-
		10 µl LongReach	45.34	0.38	2, 5, 10	Natural	Standard	No	037650A	1000	N/A -
							Standard	Yes	-	-	-
							Low binding	No	037650TA	1000	N/A -
							Low binding	Yes	-	-	-
	200	200 µl Graduated STD	50.7	0.46	-	Natural	Standard	No	010440	1000	N/A -
							Standard	Yes	-	-	-
							Low binding	No	-	-	-
							Low binding	Yes	-	-	-
						Yellow	Standard	No	017020AA	1000	N/A -
							Standard	Yes	-	-	-
		200 µl Graduated STDZN	51.44	0.46	1, 50, 100	Natural	Standard	No	015720A	1000	N/A -
							Standard	Yes	-	-	-
							Low binding	No	035080A	1000	N/A -
							Low binding	Yes	-	-	-
						Yellow	Standard	No	032430A	1000	N/A -
							Standard	Yes	-	-	-
	300	300 µl NX	58.57	0.51	10, 50, 100	Natural	Standard	No	031770A	1000	N/A -
							Standard	Yes	-	-	-
							Low binding	No	031770TA	1000	N/A -
							Low binding	Yes	-	-	-
		300 µl XT	77.5	0.46	10, 50, 100, 200, 300	Natural	Standard	No	130800A	1000	N/A -
							Standard	Yes	-	-	-
							Low binding	No	130800TA	1000	N/A -
							Low binding	Yes	-	-	-
	1000	1000 µl Standard	72.9	0.91	-	Natural	Standard	No	010180	1000	N/A -
							Standard	Yes	-	-	-
							Low binding	No	035170A	1000	N/A -
							Low binding	Yes	-	-	-
						Blue	Standard	No	010040A	1000	N/A -
							Standard	Yes	-	-	-
	1250	1000XT	102	0.81	200, 500, 1000	Natural	Standard	No	031610A	768	N/A -
							Standard	Yes	-	-	-

*Version without cells ** starter kit, including 1 tip refill, 1 charger and empty racks.

Empty CellRack with cover lid

Cat. No.	Description	Units/ box	€/ box
028310	Empty rack for 10 to 200 µl tips	10	N/A -
028360	Empty rack for 10 µl G tips	10	N/A -

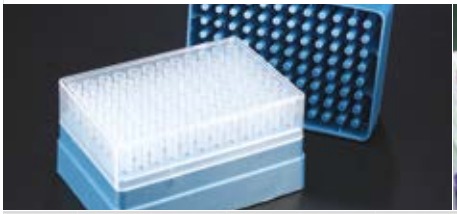
Empty CellRack with hinged lid

Cat. No.	Description	Units/ box	€/ box
027280	Empty rack for 10 to 200 µl tips	10	N/A -
021750	Empty rack for 1250 µl tips	8	N/A -

Empty racks for Platinium tray

Cat. No.	Description	Units/ box	€/ box
071000	Empty rack for 10 to 300 µl tips	1	N/A -
371000	Empty rack for 10 to 300 µl tips	24	N/A -
071010	Empty rack for 1250 µl tips	1	N/A -
371010	Empty rack for 1250 µl tips	16	N/A -

Mµlti Tips



Tips on CellRack with cover lid



Tips on CellRack with hinged lid



Tips on Quickrack



Tips on Tipstation



Starter kit

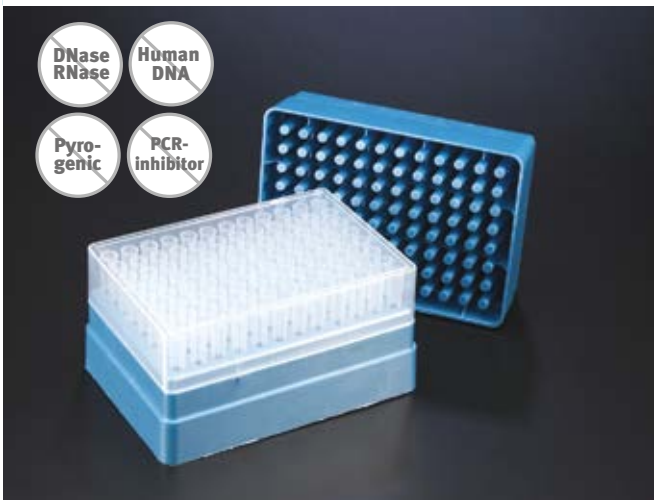
Tips on platinum refill

Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
-	-	-	030560A	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	030570A	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-
027510	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
027500	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135060	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
135070	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
023560A	10 x 96	N/A -	-	-	-	030470	5 x 960	N/A -	-	-	-	-	-	-	-	-	-
023570A	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
035010A	10 x 96	N/A -	-	-	-	035030	5 x 960	N/A -	-	-	-	-	-	-	-	-	-
035020A	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
037640A	10 x 96	N/A -	026400A	10 x 96	N/A -	037820	5 x 960	N/A -	027780	5 x 960	N/A -	170700	10 x 96**	N/A -	170500	4 x 960	N/A -
037660A	10 x 96	N/A -	026410A	10 x 96	N/A -	-	-	-	027790	5 x 960	N/A -	-	-	-	-	-	-
037640TA	10 x 96	N/A -	026400TA	10 x 96	N/A -	037820T	5 x 960	N/A -	027780T	5 x 960	N/A -	-	-	-	170600	4 x 960	N/A -
037660TA	10 x 96	N/A -	026410TA	10 x 96	N/A -	-	-	-	027790T	5 x 960	N/A -	-	-	-	-	-	-
010500A	10 x 96	N/A -	-	-	-	030450	5 x 960	N/A -	-	-	-	-	-	-	-	-	-
010520A	10 x 96	N/A -	-	-	-	-	-	-	027750	5 x 960	N/A -	-	-	-	-	-	-
-	-	-	-	-	-	030450T	5 x 960	N/A -	027740T	5 x 960	N/A -	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	027750T	5 x 960	N/A -	-	-	-	-	-	-
010620A	10 x 96	N/A -	-	-	-	030460	5 x 960	N/A -	027700	5 x 960	N/A -	-	-	-	-	-	-
010660A	10 x 96	N/A -	-	-	-	-	-	-	027710	5 x 960	N/A -	-	-	-	-	-	-
015660A	10 x 96	N/A -	026420A	10 x 96	N/A -	030430	5 x 960	N/A -	027760	5 x 960	N/A -	170710	10 x 96**	N/A -	170510	4 x 960	N/A -
015670A	10 x 96	N/A -	026430A	10 x 96	N/A -	-	-	-	027770	5 x 960	N/A -	-	-	-	-	-	-
-	-	-	026420TA	10 x 96	N/A -	035110	5 x 960	N/A -	027760T	5 x 960	N/A -	-	-	-	170610	4 x 960	N/A -
035100A	10 x 96	N/A -	026430TA	10 x 96	N/A -	-	-	-	027770T	5 x 960	N/A -	-	-	-	-	-	-
015360A	10 x 96	N/A -	-	-	-	030440	5 x 960	N/A -	027720	5 x 960	N/A -	170720	10 x 96**	N/A -	170520	4 x 960	N/A -
015370A	10 x 96	N/A -	-	-	-	-	-	-	027730	5 x 960	N/A -	-	-	-	-	-	-
031780A	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	170730	10 x 96**	N/A -	170530	4 x 960	N/A -
031790A	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
031780TA	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	170620	4 x 960	N/A -
031790TA	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130920	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130930	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130920T	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
130930T	10 x 96	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010200A*	10 x 100	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
010230A*	10 x 100	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
035180A*	10 x 100	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
035190A*	10 x 100	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
027110*	10 x 100	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
027120*	10 x 100	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	134750*	768	N/A -	134770	5 x 768	N/A -	-	-	-	170740	8 x 96**	N/A -	170540	4 x 768	N/A -
-	-	-	134760*	768	N/A -	-	-	-	-	-	-	-	-	-	-	-	-

*Version without cells ** starter kit, including 1 tip refill, 1 charger and empty racks.

All prices are indicative and exclude VAT. Visit www.dulis.nl

Mµlti filter tips



- **Sterile tips**
- **Hydrophobic filter, preventing aerosols from rising up in the micropipette and the risk of contamination**
- **On a rack with a cover lid or a hinged lid (see descriptions of the racks on the previous page)**
- **In standard or low binding version**


Attachment of the sample on the wall of a ordinary tip


The tip "low binding" allows you to eject the entire sample

Tips	Vol. (µl)	Model	Length (mm)	Ø opening (mm)	Graduation (µl)	Treatment	Tips on CellRack with cover lid: Cat.No	Units/ box	€/ box	Tips on CellRack with hinged lid: Cat.No	Units/ box	€/ box
	10	10 µl Sharp	44.83	0.36	1, 2, 5, 10	Standard	-	-	-	**130340**	10 x 96	**N/A -**
						Low binding	-	-	-	-	-	-
		10 µl E (compatible Eppendorf)	45.5	0.38	10	Standard	**015020**	10 x 96	**N/A -**	-	-	-
						Low binding	**035210**	10 x 96	**N/A -**	-	-	-
		10 µl Ultra G (Gilson compatible)	28.8	0.38	2, 10	Standard	**028200**	10 x 96	**N/A -**	-	-	-
						Low binding	**035200**	10 x 96	**N/A -**	-	-	-
		10 µl LongReach	45.34	0.38	2, 5, 10	Standard	**038000**	10 x 96	**N/A -**	-	-	-
						Low binding	**038000T**	10 x 96	**N/A -**	**030360T**	10 x 96	**N/A -**
	20	20 µl Standard	50.7	0.46	-	Standard	**014210**	10 x 96	**N/A -**	-	-	-
						Low binding	**035220**	10 x 96	**N/A -**	**030370T**	10 x 96	**N/A -**
	100	100 µl Standard	50.7	0.46	-	Standard	**036060**	10 x 96	**N/A -**	-	-	-
						Low binding	**036060T**	10 x 96	**N/A -**	**030380T**	10 x 96	**N/A -**
	200	200 µl NX	58.57	0.51	10, 50, 100	Standard	**030550**	10 x 96	**N/A -**	-	-	-
						Low binding	**030550T**	10 x 96	**N/A -**	-	-	-
		200 µl Standard	50.7	0.46	-	Standard	**014220**	10 x 96	**N/A -**	-	-	-
						Low binding	**014220T**	10 x 96	**N/A -**	**030390T**	10 x 96	**N/A -**
		200 µl XT	77.5	0.46	10, 50, 100, 200	Standard	**017370**	10 x 96	**N/A -**	-	-	-
						Low binding	**035240**	10 x 96	**N/A -**	-	-	-
	300	300 µl XT	77.5	0.46	10, 50, 100, 200, 300	Standard	**130510**	10 x 96	**N/A -**	-	-	-
						Low binding	**130510T**	10 x 96	**N/A -**	-	-	-
	1000	1000 µl Standard	72.9	0.91	-	Standard	**014200**	10 x 100	**N/A -**	-	-	-
						Low binding	**035260**	10 x 100	**N/A -**	-	-	-
	1250	1000XT	102	0.81	200, 500, 1000	Standard	-	-	-	-	-	-
						Low binding	-	-	-	**134000**	10 x 96	**N/A -**

Tips not shown to scale.

ClearLine® Xtip4 Tips for Rainin LTS pipettes

- Graduated polypropylene tips
- Compatible with the LTS Micropipettes
- Flexibility of the tip for lower insertion force and good sealing
- Locking device on the tip to reduce the ejection force
- No droplet formation at the tip
- Low binding



Pyro-genic · DNase RNase · Nucleic acid · Endo-toxins · PCR-inhibitor

Xtip4 tips without filter

		On a rack				RechargeTipEject	
		Non-sterile		Sterile		Sterile	
Vol. (µl)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
20	10 x 96	-	-	713181B	N/A -	713193B	N/A -
250	10 x 96	713185B	N/A -	-	-	713194B	N/A -
1000	8 x 96	713298	N/A -	713296	N/A -	713195B	N/A -
1200	8 x 96	713299	N/A -	-	-	-	-

Xtip4 sterile filter tips

Volume (µl)	Units/ box	Cat. No.	€/ box
1000	8 x 96	713294	N/A -
1200	8 x 96	713295	N/A -

2 in 1 system!
Work with theClearLine® non filter and filter range and reduce your waste: consider reusing your hinged racks with the refill systems

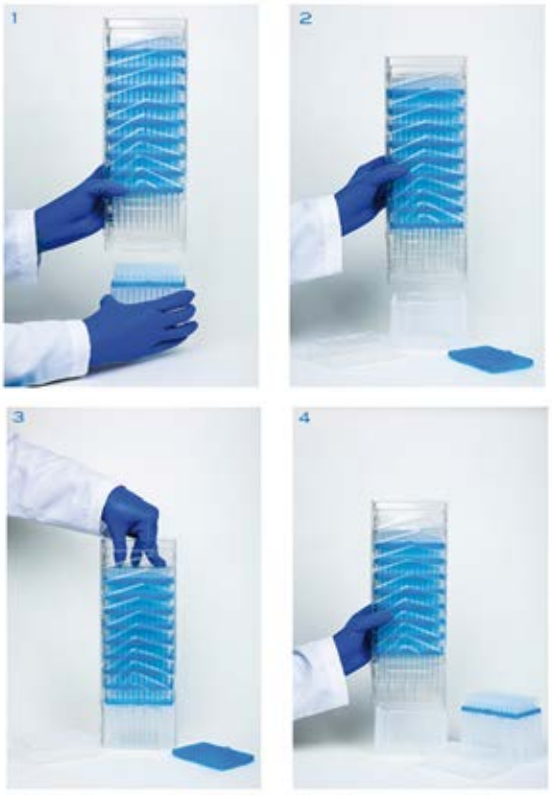
GoGreen

Accessories

Cat. No.	Description	Units/ box	€/ box
713196B	Empty box for refill Xtip4 20 - 300 µl	50	N/A -
713197B	Empty box for refill Xtip4 1000 - 1200 µl	40	N/A -

Instructions for use: Tip Eject refill

- Tower containing 10 trays of 96 sterile tips
- Easy one-handed operation
- Recyclable packaging
- 1°/remove the protective rack at the base of the column
- 2°/place the tower on the empty rack
- 3°/press the top - a “click” indicates that the tray is correctly positioned in the rack
- 4°/replace the column on the protective rack



All prices are indicative and exclude VAT. Visit www.dulis.nl

Neptune tips



➤ **High precision tips compatible with all brands of standard micropipettes**

Pyro-genic · Endo-toxins · DNase RNase



Empty racks with tip holder

Cat. No.	Description	€
713234A	Empty rack with tray for 10 µl tips, bulk	**N/A -**
713236A	Empty rack with tray for 20 to 300 µl tips, bulk	**N/A -**
713238A	Empty rack with tray for 1000 to 1250 µl tips, bulk	**N/A -**
713235A	Empty rack without tray for 10 to 300 µl refill tips	**N/A -**
713237A	Empty rack without tray for 1000 to 1250 µl refill tips	**N/A -**

Photo	Type	Vol. (µl)	Long. (mm)	Ø (mm) opening	Graduat. (µl)	Type	Sterile	In bulk Cat.No	In bulk Units/box	In bulk €/box	On a rack Cat.No	On a rack Units/box	On a rack €/box	In refill Cat.No	In refill Units/box	In refill €/box
	2040	10	31.24	0.46	0.5, 2, 10	Standard	No	**713123**	1000	**N/A -**	**713124N**	960	**N/A -**	**713126N**	1920	**N/A -**
						Standard	Yes	**-**	-	**-**	**713125N**	960	**N/A -**	-	-	-
						Low Bind.	No	**-**	-	**-**	**713007N**	960	**N/A -**	**712159N**	1920	**N/A -**
						Low Bind.	Yes	**-**	-	**-**	**713008N**	960	**N/A -**	-	-	-
	2340	10	45.84	0.38	2, 10	Standard	No	**-**	-	**-**	**711176N**	960	**N/A -**	**713092N**	960	**N/A -**
						Standard	Yes		-	**-**	**713011N**	960	**N/A -**	-	-	-
						Low Bind.	No	**713164A**	1000	**N/A -**	**713282**	960	**N/A -**	**713288**	960	**N/A -**
						Low Bind.	Yes	**-**	-	**-**	**713163NA**	960	**N/A -**	-	-	-
	2140	10	45.72	0.46	-	Low Bind.	No	**-**	-	**-**	**713013N**	960	**N/A -**	-	-	-
	2100	200	50.75	0.53	10, 50, 100	Standard	No	**-**	-	**-**	**713021N**	960	**N/A -**	**713040B**	960	**N/A -**
						Standard	Yes	**-**	-	**-**	**713022N**	960	**N/A -**	-	-	-
						Low Bind.	No	**713015**	1000	**N/A -**	**713283**	960	**N/A -**	**711511N**	960	**N/A -**
						Low Bind.	Yes	**-**	-	**-**	**713017N**	960	**N/A -**	-	-	-
	2150	200	90.93	0.46	-	Standard	No	**-**	-	**-**	**713284**	768	**N/A -**	-	-	-
						Standard	Yes	**-**	-	**-**	**713285**	768	**N/A -**	-	-	-
	2090	300	59.54	0.51	10, 50, 100	Standard	No	**713281**	100	**N/A -**	**713286**	768	**N/A -**	**713093N**	960	**N/A -**
						Standard	Yes	**-**	-	**-**	**713287**	768	**N/A -**	-	-	-
						Low Bind.	No	**713042**	1000	**N/A -**	**713046N**	960	**N/A -**	**713090N**	960	**N/A -**
						Low Bind.	Yes	**-**	-	**-**	**713047N**	960	**N/A -**	-	-	-
	2160	1000	81.79	0.89	200, 500, 1000	Standard	No	**713023**	1000	**N/A -**	**-**	-	**-**	**712160N**	960	**N/A -**
						Standard	Yes	**-**	-	**-**	**713024N**	768	**N/A -**	-	-	-
	2370	1250	98.4	0.89	10, 50, 100	Standard	No	**713095**	1000	**N/A -**	**-**	-	**-**	**713094N**	960	**N/A -**
						Low Bind.	No	**713289**	968	**N/A -**	**-**	-	**-**	**713091N**	960	**N/A -**

Neptune filter tips

NEPTUNE

- Filter tips
- On a hinged rack
- Sterile

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Photo	Type	Vol. (µl)	Long. (mm)	Ø (mm) opening	Graduation (µl)	Type	Cat.No	Units/ box	€/ box
	BT10	10	31.24	0.46	0.5, 2, 10	Low binding	713001N	10 x 96	N/A -
						Standard	713122N	10 x 96	N/A -
	BT10XL		45.84	0.38	2, 10	Low binding	713078N	10 x 96	N/A -
						Standard	711177N	10 x 96	N/A -
	BT10E		45.72	0.46	-	Low binding	713002N	10 x 96	N/A -
	BT10F		50.75	0.53	10	Low binding	713003N	10 x 96	N/A -
	BT20	20	50.75	0.53	10	Low binding	711178N	10 x 96	N/A -
	BT100	100	59.54	0.51	10, 50, 100	Low binding	711179N	10 x 96	N/A -
	BTXLT	180	90.93	0.46	-	Standard	713279	8 x 96	N/A -
	BT200	200	59.54	0.51	10, 50, 100	Low binding	711181N	10 x 96	N/A -
	BT200XLT		90.93	0.46	-	Standard	713280	8 x 96	N/A -
	BT300	300	59.54	0.51	10, 50, 100	Low binding	713079N	10 x 96	N/A -
	BT1000	1000	81.78	0.59	200, 500, 1000	Low binding	713103N	8 x 96	N/A -
						Standard	713104N	8 x 96	N/A -
	BT1250	1250	98.4	0.89	200, 500, 1000	Low binding	713077NA	8 x 96	N/A -
						Standard	713080N	8 x 96	N/A -

ART filter tips for Rainin

- Available in 20, 200, 300, 1000 and 1200 µl
- For Rainin LTS pipettes
- Hinged transparent racks with coloured inserts associated with volume or refills

DNase RNase

thermoscientific

			Standard Tips		Low Retention Tips	
Type	Vol. (µl)	Pack. unit	Sterile hinged lid rack	On sterile refill	Sterile hinged lid rack	On sterile refill
ART 20L	20	10 x 96	038561	041546	038560	041545
ART 200L	200	10 x 96	038563	041548	038562	041547
ART 300L	300	10 x 96	038559	041544	038558	041543
ART 1000L	1000	8 x 96	038565	041560	038564	-
ART 1200L	1200	8 x 96	038567	041562	038566	041561
€			N/A -	N/A -	N/A -	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

ART filter tips



All brands of micropipettes have a perfectly fitting ART tip.
The Softfit tip has a reinforced seal.
The hydrophobic filter prevents any accidental backflow of liquid into the filter and pipette.
All ART tips are sterile, (except those in bulk packaging).
The ART tip is available in a standard version, or a low retention version for improved sample recovery.
A wide range of presentations:

- on a single rack with a cover lid;
- on individual hinged-lid racks;
- In bulk;
- in individual refills: the sterile tips are placed on a tray under an individual blister pack;
- in tray refills, ready to use

1) Hold the top of the blister pack and remove the peel-off sheet.
2) Place the blister pack on the rack.
3) Press.

Sterile refills

DNase RNase

GoGreen

Model	Vol. (µl)	Length (mm)	Features	Compatibility	Pack unit
ART 10 Reach	0. – 10	43.3	Ideal for micro-volumes, long length suitable for microtubes	Gilson P2-P10, Finnpipette 2 and 10 µl micro, Sartorius Biohitfamily 10 µl, Eppendorf 2.5 µl	10 x 96
ART 10	0. – 10	31.3	Low volume	Gilson P2-P10, Finnpipette 2 and 10 µl, Sartorius Biohitfamily 10 µl	10 x 96
ART 20E	0. – 20	47.7	Low volume	Eppendorf 10 µl, Socorex 10 µl	10 x 96
ART 10F	0. – 10	58.8	Low volume	Finnpipette 10 µl universal, Sartorius Biohitfamily 10 µl	10 x 96
ART 20P	0. – 20	50.7	Universal	Gilson P20, Eppendorf 20 µl, Socorex 20 µl	10 x 96
ART 20	0. – 20	45.7	-	Eppendorf 10 µl	10 x 96
ART 50U	0. – 50	52	Softfit, with reinforced rack, special multi-channel	Multichannel (Labsystems 5 - 50 µl, Sartorius Biohitfamily 5 - 50 µl, Eppendorf 5 - 50 µl)	10 x 96
ART 100	1 – 100	58.8	-	Finnpipette 40 µl Multichannel (Labsystems 5 - 50 µl, Sartorius Biohitfamily 5 - 50 µl)	10 x 96
ART 100E	1 – 100	50.7	Universal	Gilson P100, Eppendorf 100 µl, Sartorius Biohitfamily 50 µl and electronic 100 µl	10 x 96
ART 200	1 – 200	58.8	Universal	Gilson P200, Eppendorf 200 µl, Finnp. 200 µl, Sartorius Biohitfamily 200 µl	10 x 96
ART 200 REACH	1 – 200	90.9	Long length	Gilson P200, Eppendorf 200 µl, Finnp. 200 µl, Sartorius Biohitfamily 200 µl	8 x 96
ART 200U	1 – 200	52	Softfit, with reinforced rack, special multi-channel	Multichannel (Labsystems 50 - 300 µl, Eppendorf 50 - 300 µl), any 200 µl pipette	10 x 96
ART 200G	5 – 200	49.7	Large orifice for fragile cells, DNA and viscous solutions	Gilson P200, Eppendorf 200 µl, Finnpipette 200 µl, Sartorius Biohitfamily 200 µl	10 x 96
ART 300	1 – 300	58.4	Multi-channel special	Multichannel (Sartorius Biohitfamily 250 µl, Finnpipette 300 µl), Eppendorf Research Pro 300 µl	10 x 96
ART 500	50 – 500	79	Softfit	Eppendorf 50 - 250 µl, Sartorius Biohitfamily 50 - 500 µl	8 x 100
ART 1000	100 – 1000	79	Softfit	Gilson P1000, Eppendorf 1000 µl, Finnpipette 1000 µl, Sartorius Biohitfamily 1000 µl	8 x 100
ART 1000E	100 – 1000	102.2	Long length	Gilson P1000, Finnp. 1000 µl, Sartorius Biohitfamily 1000 µl, Eppend. 1000 µl	8 x 100
ART 1000G	100 – 1000	85.4	Large orifice for fragile cells, DNA and viscous solutions	Gilson P1000, Eppendorf 1000 µl, Finnpipette 1000 µl, Sartorius Biohitfamily 1000 µl	8 x 100
ART 1000 REACH	100 – 1000	118	Long length, Softfit	Gilson P1000, Eppendorf 1000 µl, Finnpipette 1000 µl, Sartorius Biohitfamily 1000 µl	8 x 96
ART 1250 REACH	100 – 1250	102.2	Long length	-	8 x 96
ART 5000	1000 - 5000	117	-	Gilson P5000	Sterile bag of 250 tips
ART GEL 20P	0.5 – 20	70.9	A flexible capillary for gel coating	Gilson P20, Eppendorf 20 µl, Finnpipette 10 µl	10 x 96
ART GEL	0.5 – 100	70.9	A flexible capillary for gel coating	Gilson P100, Eppendorf 100 µl, Finnpipette 40 µl	10 x 96
ART XLP	5 – 100	91.2	Long length; reaches the bottom of 12 x 75 mm tubes	Gilson P100, Eppendorf 100 µl, Finnpipette 40 µl	8 x 96
ART XLP 200	5 – 200	91.2	Long length; reaches the bottom of 12 x 75 mm tubes	Gilson P200, Eppendorf 200 µl, Socorex 1000 µl	8 x 96
ART XLG	5 – 200	91.2	Long length and wide opening for cells, DNA and viscous solutions	Gilson P200, Eppendorf 100 µl, Eppendorf 200 µl, Finnpipette 40 µl	8 x 96
ART 1000 XL	100 - 1000	89	Universal	Gilson P1000, Eppendorf 1000 µl, Sartorius Biohitfamily 1000 µl Finnpipette 1000 µl	8 x 96

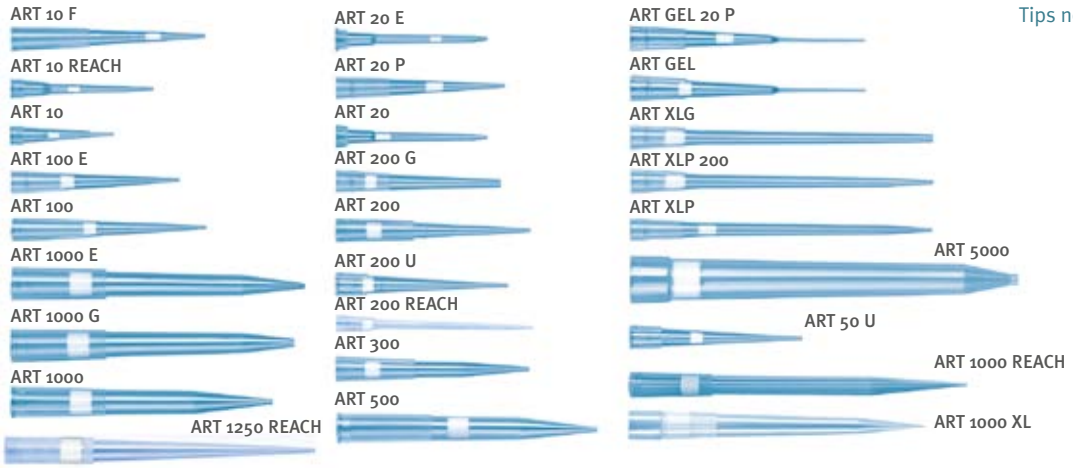
"Essential" Kits

➤ **"Essential" hinged rack kits contains:**
- **ART 200 (Cat. No. 038019) x 4**
- **ART 10 reach (Cat. No. 038001) x 4**
- **ART 1000XL (Cat. No. 041539) x 4**

➤ **"Essential" refill insert kits contains:**
- **ART 200 (Cat. No. 038019) x 4**
- **ART 10 reach (Cat. No. 038001) x 4**
- **ART 1000XL (Cat. No. 041539) x 4**

Cat.No	Description	€
041604	"essential" ART tips Kit: 4 hinged racks of each tip Cat. No. 038019, Cat. No. 038001, Cat. No. 041539	N/A -
041605	"essential" ART tips Kit: 4 refill inserts of each tip Cat. No. 038019, Cat. No. 038001, Cat. No. 041539	N/A -

ART FILTER TIPS



Tips not shown to scale.

Standard Tips								Low Retention Tips							
On a sterile rack with cover lid		On a sterile rack with hinged lid		In individual sterile refills		Refill on sterile tray		On a sterile rack with cover lid		On a sterile rack with hinged lid		In individual sterile refills		Refill on sterile tray	
Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€	Cat.No	€
038001	N/A -	041529	N/A -	041530	N/A -	-	-	038356	N/A -	041527	N/A -	041528	N/A -	-	-
038003	N/A -	041525	N/A -	041526	N/A -	041631	N/A -	038357	N/A -	041523	N/A -	041524	N/A -	041630	N/A -
038005	N/A -	041533	N/A -	041538	N/A -	-	-	-	-	041531	N/A -	041532	N/A -	-	-
038007	N/A -	-	-	-	-	-	-	038359	N/A -	-	-	-	-	-	-
038009	N/A -	041536	N/A -	041537	N/A -	-	-	038360	N/A -	041534	N/A -	041535	N/A -	-	-
038011	N/A -	-	-	-	-	041633	N/A -	-	-	-	-	-	-	-	-
038013	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038015	N/A -	041517	N/A -	041518	N/A -	-	-	-	-	-	-	-	-	-	-
038017	N/A -	041515	N/A -	041516	N/A -	-	-	038361	N/A -	041513	N/A -	041514	N/A -	-	-
038019	N/A -	041521	N/A -	041522	N/A -	041621	N/A -	038362	N/A -	041519	N/A -	041520	N/A -	-	-
-	-	041635	N/A -	-	-	-	-	-	-	041634	N/A -	-	-	-	-
038021	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038023	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038025	N/A -	041624	N/A -	-	-	041625	N/A -	-	-	041622	N/A -	-	-	041623	N/A -
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038029	N/A -	-	-	-	-	041637**	N/A -	038366	N/A -	-	-	-	-	-	-
038031	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038033	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038354***	N/A -	041627	N/A -	-	-	-	-	-	-	041626	N/A -	-	-	-	-
-	-	041629	N/A -	-	-	-	-	-	-	041628	N/A -	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038036	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038038	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038040	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038042	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
038044	N/A -	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	041541	N/A -	041542	N/A -	-	-	-	-	041539	N/A -	041540	N/A -	041636*	N/A -

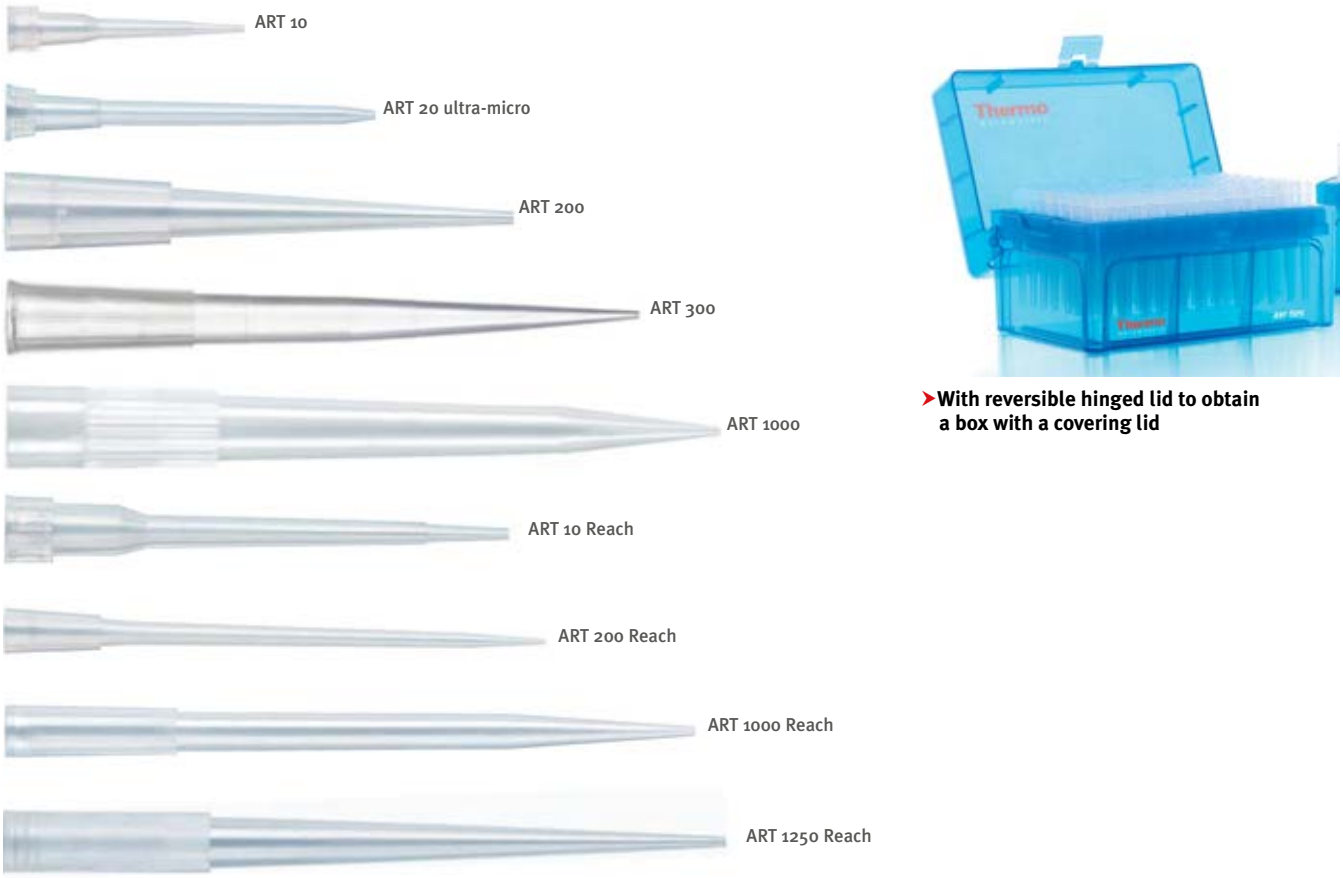
Empty racks

Cat. No.	Description	Units/ box	€/ box
041510	Small volume empty rack (10 µl, 20 µl)	10	N/A -
041511	Medium volume empty rack (20 µl, 200 µl, 300 µl)	10	N/A -
041512	Large volume empty rack (1000 µl)	8	N/A -

(*): Packaging unit: 1000
(**) Packaging unit: 56 x 10
(***) Packaging unit: 8 x 100
(****) in a sterile bag

All prices are indicative and exclude VAT. Visit www.dulis.nl

ART Tips



➤**With reversible hinged lid to obtain a box with a covering lid**

Tips not shown to scale.

			On rack, non-sterile			On rack, sterile			Reload, non stérile			Reload, sterile			Non-sterile bulk		
Model	**Vol. (µl)**	**Long. (mm)**	**Cat.No**	**Units/ box**	**€/ box**	**Cat.No**	**Units/ box**	**€/ box**	**Cat.No**	**Units/ box**	**€/ box**	**Cat.No**	**Units/ box**	**€/ box**	**Cat.No**	**Units/ box**	**€/ box**
Standard Tips																	
ART 10	10	31.3	**041656**	960	N/A -	**041652**	960	N/A -	**041657**	960	N/A -	**041653**	960	N/A -	-	-	-
ART 20 ultra-micro	10 - 20	45.7	**041668**	960	N/A -	**041664**	960	N/A -	**041669**	960	N/A -	**041665**	960	N/A -	**038192**	1000	N/A -
ART 200	200	50.7	**041680**	960	N/A -	**041676**	960	N/A -	**041681**	960	N/A -	**041677**	960	N/A -	**038460**	1000	N/A -
ART 300	300	58.4	**041690**	960	N/A -	**041684**	960	N/A -	**041691**	960	N/A -	**041685**	960	N/A -	-	-	-
ART 1000	1000	88.9	**041644**	960	N/A -	**041640**	768	N/A -	**041645**	560	N/A -	**041641**	560	N/A -	-	-	-
Standard long tips																	
ART 10 Reach	10	43.4	**041661**	960	N/A -	**041659**	960	N/A -	-	-	-	-	-	-	**038355**	1000	N/A -
ART 200 Reach	200	90.9	**041673**	768	N/A -	**041671**	768	N/A -	-	-	-	-	-	-	**038159**	1000	N/A -
ART 1000 Reach	1000	118.5	**041695**	768	N/A -	**041693**	768	N/A -	-	-	-	-	-	-	-	-	
ART 1250 Reach	1250	102.2	**041649**	768	N/A -	**041647**	768	N/A -	-	-	-	-	-	-	-	-	-
Low Retention Tips																	
ART 10 LR	10	31.3	**041654**	960	N/A -	**041650**	960	N/A -	**041655**	960	N/A -	**041651**	960	N/A -	-	-	-
ART 20 ultra-micro LR	10 - 20	45.7	**041666**	960	N/A -	**041662**	960	N/A -	**041667**	960	N/A -	**041663**	960	N/A -	-	-	-
ART 200 LR	200	50.7	**041678**	960	N/A -	**041674**	960	N/A -	**041679**	960	N/A -	**041675**	960	N/A -	-	-	-
ART 300 LR	300	58.4	**041687**	960	N/A -	**041682**	960	N/A -	**041688**	960	N/A -	**041683**	960	N/A -	-	-	-
ART 1000 LR	1000	88.9	**041642**	768	N/A -	**041638**	768	N/A -	**041643**	560	N/A -	**041639**	560	N/A -	-	-	-
Low Retention long tips																	
ART 10 Reach LR	10	43.4	**041660**	960	N/A -	**041658**	960	N/A -	-	-	-	-	-	-	-	-	-
ART 200 Reach LR	200	90.9	**041672**	768	N/A -	**041670**	768	N/A -	-	-	-	-	-	-	-	-	-
ART 1000 Reach LR	1000	118.5	**041694**	768	N/A -	**041692**	768	N/A -	-	-	-	-	-	-	-	-	-
ART 1250 Reach LR	1250	102.2	**041648**	768	N/A -	**041646**	768	N/A -	-	-	-	-	-	-	-	-	-

Empty racks

Cat. No.	Description	Units/ box	€/ box
041510	Small volume empty rack (10 µl, 20 µl)	10	N/A -
041511	Medium volume empty rack (20 µl, 200 µl, 300 µl)	10	N/A -
041512	Large volume empty rack (1000 µl)	8	N/A -

Treff® universal tips without collar

- Tips with or without filter
- Wide choice of presentation: in bulk, in rack or in refill
- Universal, can be used with all micropipettes

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- Autoclavable non filter tips
- Fully automated production in a clean room class 8 according to ISO 14644-1


Bulk


Rack


Refill


ECO refill

Non-sterile Tips

Tips not shown to scale.



			In bulk			In a rack			In refill			In ECO refill		
Vol. (µl)	Description		Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
0.1 - 20	«Nano», Universal		034099B	1000	N/A -	034076B	5 x 96	N/A -	982747	10 x 96	N/A -	-	-	-
0.5 - 20	«Crystal», Universal		034059B	1000	N/A -	982703	5 x 96	N/A -	034083B	10 x 96	N/A -	982742	10 x 96	N/A -
1 - 50	Ultra-micro, Universal		982700	1000	N/A -	982704	5 x 96	N/A -	982721	10 x 96	N/A -	-	-	-
2 - 200	Universal		034070B	1000	N/A -	034196	5 x 96	N/A -	034080B	10 x 96	N/A -	034197	10 x 96	N/A -
5 - 300	Universal		034088B	1000	N/A -	034078B	5 x 96	N/A -	034081B	10 x 96	N/A -	-	-	-
50 - 1000	Universal		034071	1000	N/A -	034079B	5 x 96	N/A -	034082B	10 x 96	N/A -	982743	10 x 96	N/A -
500 - 5000	Universal		034065B	200	N/A -	-	-	-	-	-	-	-	-	-
1000 - 10000	Universal		982702	200	N/A -	-	-	-	-	-	-	-	-	-

Sterile tips

		In a rack			In refill			In ECO refill		
Vol. (µl)	Description	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
0.1 - 20	«Nano», Universal	982705	10 x 96	N/A -	982722	10 x 96	N/A -	-	-	-
0.5 - 20	«Crystal», Universal	982706	10 x 96	N/A -	982723	10 x 96	N/A -	982744	10 x 96	N/A -
1 - 50	Ultra-micro, Universal	982707	10 x 96	N/A -	982724	10 x 96	N/A -	-	-	-
2 - 200	Universal	982708	10 x 96	N/A -	982725	10 x 96	N/A -	982745	10 x 96	N/A -
5 - 300	Universal	982709	10 x 96	N/A -	982726	10 x 96	N/A -	-	-	-
50 - 1000	Universal	982710	10 x 96	N/A -	982727	10 x 96	N/A -	982746	10 x 96	N/A -

Boxes with support grid for tips without collar

Cat.No	For tips	€
982850	20 µl and 50 µl	N/A -
982851	200 µl	N/A -
982852	300 µl	N/A -
982853	1000 µl	N/A -

Filter tips

		In a rack			In refill			Sterile in rack			Sterile in refill		
Vol. (µl)	Description	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
0.1 - 1	«Nano», Universal	982711	5 x 96	N/A -	982728	10 x 96	N/A -	982718	10 x 96	N/A -	982735	10 x 96	N/A -
0.5 - 10	«Crystal», Universal	982712	5 x 96	N/A -	982729	10 x 96	N/A -	982719	10 x 96	N/A -	982736	10 x 96	N/A -
1 - 20	Ultra-micro, Universal	982713	5 x 96	N/A -	982730	10 x 96	N/A -	034093B	10 x 96	N/A -	982737	10 x 96	N/A -
2 - 20	Ultra-micro, Universal	982714	5 x 96	N/A -	982731	10 x 96	N/A -	982720	10 x 96	N/A -	982738	10 x 96	N/A -
5 - 100	Universal	982715	5 x 96	N/A -	982732	10 x 96	N/A -	034095B	10 x 96	N/A -	982739	10 x 96	N/A -
5 - 200	Universal	982716	5 x 96	N/A -	982733	10 x 96	N/A -	034148B	10 x 96	N/A -	982740	10 x 96	N/A -
50 - 1000	Universal	982717	5 x 96	N/A -	982734	10 x 96	N/A -	034098B	10 x 96	N/A -	982741	10 x 96	N/A -

Non-sterile tips with collar

		In Bulk with collar			Associated racks	
Vol. (µl)	Description	Cat.No	Units/ box	€/ box	Cat.No	€/ box
2 - 200	Universal	034066B	1000	N/A -	034068	N/A -
50 - 1000	Universal	034067B	1000	N/A -	034069	N/A -

- Autoclavable tips
- Associated racks in autoclavable polycarbonate

034066B



034067B



Treff® Empty racks

Cat.No	Description	Units/ box	€/ box
982897	Empty Rack volume 200 µl	12	N/A -
034127	Empty Rack volume 300 µl	12	N/A -
982898	Empty rack volume 1000µl	12	N/A -
982899	Empty box	12	N/A -

- In polycarbonate
- Autoclavable at 121 °C
- Racks for 128 tips
- 3 colours: yellow (200 µl), green (300 µl), blue (1000 µl)
- Fully automated production in a clean room class 8 according to ISO 14644-1

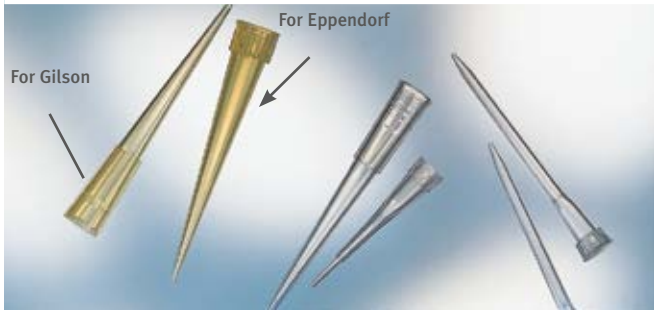
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982897



All prices are indicative and exclude VAT. Visit www.dulis.nl

Greiner Bio-One Tips



- Complete range of tips adapted to the majority of pipettors on the market, both for micro-volumes (with tips for PIPETMAN® Gilson P2 and P10 and Eppendorf 0.5 - 10 µl), and for macro-volumes (with tips of 5000 µl)
- Tips available in two versions, graduated and non graduated (the graduation allows to control the accuracy of the pipetting)

Tips, bulk

Cat.No	Volume (µl)	Colour	Graduated	Adapted for	Units/ bag	€/ bag
765290	0.5 - 20	Natural	No	Eppendorf	1000	N/A -
686295	100 - 1000	Natural	No	Eppendorf	250	N/A -
740296	100 - 1000	Blue	Yes	Universal	250	N/A -
070002	100 - 5000	Natural	No	Gilson	250	N/A -

Tips on autoclavable rack

Cat.No	Volume (µl)	Colour	Sterile	Graduated	Adapted for	Units/ rack	€/ Rack
771280	0.5 - 10	Natural	No	Yes	Gilson	96	N/A -
771281	0.5 - 10	Natural	Yes*	Yes	Gilson	96	N/A -
685261	10 - 200	Yellow	Yes*	No	Eppendorf	96	N/A -
739265	10 - 200	Yellow	No	Yes	Universal	96	N/A -
739266	10 - 200	Yellow	Yes*	Yes	Universal	96	N/A -

* the purchase of a complete box is necessary to obtain the certificate

Greiner Bio-One Easy Load refill systems

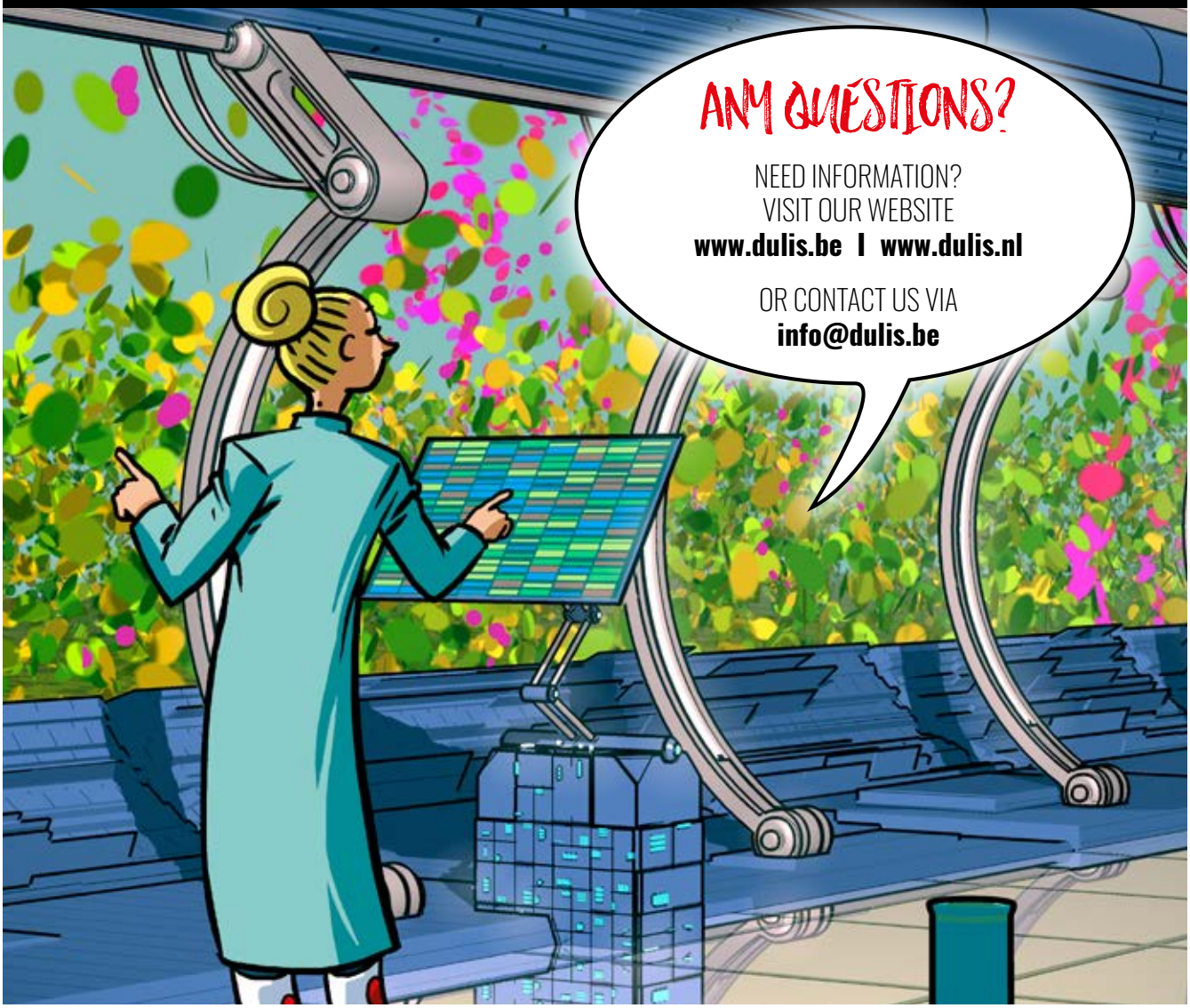


- Greiner Bio-One Easy Load systems for fast refilling of empty tip racks
- Available with 0.5 µl, 1 - 200 µl and 100 - 1000 µl tips
- Saves time while minimising waste
- Autoclavable Easy Load racks with hinged lid for easy handling
- Available in sterile and non-sterile versions
- Easy Load 200 and 1000 systems are available with universal graduated tips
- Grid moulded into the rack
- Stackable racks
- Easy positioning of the refill
- 3 rack colours: green (10 µl), yellow (200 µl) and blue (1000 µl)

Cat. No.	Description	Rack colours	Volume (µl)	Colour tips	Sterile	Pack unit.	Units/ box	€/ box
741015	Easy Load 10	Green	0.5 - 10	Natural	No	10 x 96	6 x 960	N/A -
741065	Easy Load 200	Yellow	1 - 200	Yellow	No	10 x 96	6 x 960	N/A -
741035	Easy Load 1000	Blue	100 - 1000	Natural	No	6 x 60	6 x 360	N/A -
741040	Easy Load 1000	Blue	100 - 1000	Natural	Yes	6 x 60	6 x 360	N/A -
741045	Easy Load 1000	Blue	100 - 1000	Blue	No	6 x 60	6 x 360	N/A -
741050	Easy Load 1000	Blue	100 - 1000	Blue	Yes	6 x 60	6 x 360	N/A -
941300	Rack for Easy Load 10	Green	-	-	-	10	10	N/A -
941320	Rack for Easy Load 1000	Blue	-	-	-	10	10	N/A -

* Consists of 2 refills of 960 tips and 10 racks for Easy Load 200.

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Véronique VAN DEN BOSSCHE,
Customer Care Coordinator.

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Do not hesitate to contact her at **+32 81 94 66 00**
or by email **veronique.vandenbossche@dulis.be**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Labcon Standard Tips



➤ In resealable bags, in rack or in individual packaging

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Description	Length (mm)	In a rack Cat.No	In a rack Pack unit.	In a rack €	In sterile rack Cat.No	In sterile rack Pack unit.	In sterile rack €	In a bag Cat.No	In a bag Pack unit.	In a bag €	Individual packaging Cat.No	Individual packaging Pack unit.	Individual packaging €
10 µl with ultrafine tip	31.4	949391	96 x 12	N/A -	949402	96 x 12	N/A -	949505	1000	N/A -	-	-	-
10 µl with ultrafine silicon tip	31.4	949684	96 x 120	N/A -	949685	96 x 120	N/A -	949683	1000 x 10	N/A -	-	-	-
10 µl long tip with TubeGuard	38.1	949392	96 x 10	N/A -	949403	96 x 10	N/A -	949382	1000	N/A -	-	-	-
10 µl with ultrafine tip	47.6	949626	96 x 100	N/A -	949627	96 x 100	N/A -	949625	1000 x 10	N/A -	-	-	-
50 µl for 16 channel Finnpipette	32.9	949540	384 x 50	N/A -	949541	384 x 50	N/A -				-	-	-
100 µl with bevelled tip for Eppendorf Yellow	49.7	949617	96 x 100	N/A -	949618	96 x 100	N/A -	949616	1000 x 10	N/A -	-	-	-
200 µl with yellow bevelled tip	49.7	949396	96 x 10	N/A -	949407	96 x 10	N/A -	949378	1000	N/A -	949472	200	N/A -
200 µl with transparent bevelled tip	49.7	949394	96 x 10	N/A -	949405	96 x 10	N/A -	949384	1000	N/A -	-	-	-
200 µl with bevelled tip Transparent, graduated	49.7	949395	96 x 10	N/A -	949406	96 x 10	N/A -	949385	1000	N/A -	949473	200	N/A -
200 µl yellow standard tip	49.7	949611	96 x 100	N/A -	949612	96 x 100	N/A -	949610	1000 x 10	N/A -	-	-	-
200 µl standard clear tip	49.7	949708	96 x 100	N/A -	949709	96 x 100	N/A -	949707	1000 x 10	N/A -	-	-	-
200 µl siliconised bevelled tip	49.7	949687	96 x 100	N/A -	949688	96 x 100	N/A -	949686	1000 x 10	N/A -	-	-	-
200 µl capillary tip 30 mm	82.5	949620	96 x 48	N/A -	949621	96 x 48	N/A -	949619	1000 x 10	N/A -	-	-	-
200 µl wide opening	49.7	949591	96 x 100	N/A -	949592	96 x 100	N/A -	949590	1000 x 10	N/A -	-	-	-
250 µl with ultrafine tip	52.1	949397	96 x 10	N/A -	949408	96 x 10	N/A -	949386	1000	N/A -	-	-	-
300 µl with bevelled tip	52.1	949636	96 x 100	N/A -	949637	96 x 100	N/A -	949635	1000 x 10	N/A -	949632	200 x 10	N/A -
1000 µl with blue ultrafine tip	75.9	949399	96 x 6	N/A -	949410	96 x 6	N/A -	949388	1000	N/A -	-	-	-
1000 µl with transparent ultrafine tip	75.9	949398	96 x 6	N/A -	949409	96 x 6	N/A -	949387	1000	N/A -	-	-	-
1200 µl with ultrafine tip for Sartorius pipette	88.9	949652	96 x 48	N/A -	949653	96 x 48	N/A -	949651	1000 x 10	N/A -	949474	200	N/A -
1250 µl wide opening	88.9	949401	96 x 6	N/A -	949412	96 x 6	N/A -	949390	1000	N/A -	-	-	-
Tips for Rainin LTS													
20 µl for Rainin LTS	48.3	949547	96 x 100	N/A -	949548	96 x 100	N/A -	949546	1000 x 10	N/A -	-	-	-
250 µl for Rainin LTS	51.3	949578	96 x 100	N/A -	949579	96 x 100	N/A -	949577	1000 x 10	N/A -	-	-	-
300 µl for Rainin LTS	55.6	949561	96 x 100	N/A -	949562	96 x 100	N/A -	949560	1000 x 10	N/A -	-	-	-
1200 µl for Rainin LTS	88.9	949584	96 x 48	N/A -	949585	96 x 48	N/A -	949583	1000 x 10	N/A -	-	-	-

Flextop Tips

➤ Tips with reduced mounting and ejection force

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Description	Length (mm)	In a rack Cat.No	In a rack Pack unit.	In a rack €	In sterile rack Cat.No	In sterile rack Pack unit.	In sterile rack €	In a bag Cat.No	In a bag Pack unit.	In a bag €	Individual packaging Cat.No	Individual packaging Pack unit.	Individual packaging €
30 µl Flextop with ultrafine tip	38.1	949565	96 x 100	N/A -	949566	96 x 100	N/A -	949564	1000 x 10	N/A -	-	-	-
200 µl Flextop with ultrafine tip	49.7	949571	96 x 100	N/A -	949572	96 x 100	N/A -	949570	1000 x 10	N/A -	-	-	-
300 µl Flextop with ultrafine tip	71.1	949555	96 x 48	N/A -	949556	96 x 48	N/A -	949554	1000 x 10	N/A -	-	-	-
200 µl Flextop long with ultrafine tip	83.9	949550	96 x 48	N/A -	949551	96 x 48	N/A -	949549	1000 x 10	N/A -	-	-	-
1250 µl Flextop long with ultrafine tip	88.9	949400	96 x 6	N/A -	949411	96 x 6	N/A -	949389	1000	N/A -	949642	200 x 10	N/A -

SuperSlick Low retention Tips

➤ Super Low retention Tips

➤ Suitable for viscous products and proteins

➤ Available as ZAPSlick with filter (see next page)

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Description	Length (mm)	In a rack Cat.No	In a rack Pack unit.	In a rack €	In sterile rack Cat.No	In sterile rack Pack unit.	In sterile rack €	In a bag Cat.No	In a bag Pack unit.	In a bag €
SuperSlik 10 µl with ultrafine tip	31.4	949415	96 x 12	N/A -	949421	96 x 12	N/A -	949769	1000 x 10	N/A -
SuperSlik 10 µl long with TubeGard	38.1	949416	96 x 10	N/A -	949422	96 x 10	N/A -	-	-	-
SuperSlik 10 µl extra long	47.6	949776	96 x 100	N/A -	949777	96 x 100	N/A -	949775	1000 x 10	N/A -
SuperSlik 200 µl with bevelled tip	49.7	949418	96 x 10	N/A -	949424	96 x 10	N/A -	949692	1000 x 10	N/A -
SuperSlik 250 µl wide opening	49.7	949773	96 x 100	N/A -	949774	96 x 100	N/A -	949772	1000 x 10	N/A -
SuperSlik 250 µl with ultrafine tip	52.1	949419	96 x 10	N/A -	949425	96 x 10	N/A -	949779	1000 x 10	N/A -
SuperSlik 300 µl with bevelled tip	52.1	949788	96 x 100	N/A -	949789	96 x 100	N/A -	949787	1000 x 10	N/A -
SuperSlik 1250 µl with ultrafine tip	88.9	949420	96 x 6	N/A -	949426	96 x 6	N/A -	949784	1000 x 10	N/A -
SuperSlick Tips for Rainin LTS										
SuperSlik 20 µl for Rainin LTS	48.3	949697	96 x 100	N/A -	949698	96 x 100	N/A -	949696	1000 x 10	N/A -
SuperSlik 250 µl for Rainin LTS	51.3	949701	96 x 100	N/A -	949702	96 x 100	N/A -	949700	1000 x 10	N/A -
SuperSlik 300 µl for Rainin LTS	55.6	949764	96 x 100	N/A -	949765	96 x 100	N/A -	949763	1000 x 10	N/A -
SuperSlik 1000 µl for Rainin LTS	88.9	949705	96 x 100	N/A -	949706	96 x 48	N/A -	949704	1000 x 10	N/A -

Eclipse refill tips

- Very easy to use charging system
- Very ecological: the trays are made of organic plastic (petroleum free), low weight of disposable plastic (80% less plastic than usual branded refills)
- The trays are compatible with other racks of various brands
- The tray is removed from the tower with a flexible PET lid and simply placed on the rack
- PET lid keeps the tips clean
- No contact of the tips with the hands

DNase RNase | Human DNA | ATP | Endo-toxins | Pyro-genic

GoGreen



		In Eclipse refill			In sterile Eclipse refill			In Eclipse mini refill		
Description	**Length (mm)**	**Cat.No**	**Pack unit.**	**€**	**Cat.No**	**Pack unit.**	**€**	**Cat.No**	**Pack unit.**	**€**
SuperSlik Low retention Tips										
SuperSlik 10 µl with ultrafine tip	31.4	**949767**	96 x 130	**N/A -**	-	-	-	**949766**	96 x 60	**N/A -**
SuperSlik 200 µl with bevelled tip	49.7	**949248**	96 x 10	**N/A -**	-	-	-	-	-	-
SuperSlik 250 µl with ultrafine tip	52.1	**949427**	96 x 10	**N/A -**	-	-	-	-	-	-
SuperSlik 1250 µl with ultrafine tip	88.9	**949342**	96 x 5	**N/A -**	-	-	-	-	-	-
SuperSlik Low retention Tips for Rainin LTS										
SuperSlik 20 µl for Rainin LTS	48.3	**949695**	96 x 100	**N/A -**	-	-	-	-	-	-
SuperSlik 250 µl for Rainin LTS	51.3	**949699**	96 x 100	**N/A -**	-	-	-	-	-	-
SuperSlik 300 µl for Rainin LTS	55.6	**949762**	96 x 80	**N/A -**	-	-	-	**949761**	96 x 40	**N/A -**
SuperSlik 1000 µl for Rainin LTS	88.9	**949703**	96 x 50	**N/A -**	-	-	-	-	-	-
Standard Tips										
10 µl with ultrafine tip	31.4	**949413**	96 x 13	**N/A -**	-	-	-	**949628**	96 x 60	**N/A -**
10 µl long tip and pipette guard	38.1	**949132**	96 x 14	**N/A -**	-	-	-	-	-	
100 µl with bevelled tip for Eppendorf,Yellow	49.7	**949110**	96 x 10	**N/A -**	-	-	-	-	-	-
200 µl with yellow bevelled tip	49.7	**949092**	96 x 10	**N/A -**	**949600**	96 x 100	**N/A -**	**949599**	96 x 50	**N/A -**
200 µl with transparent bevelled tip	49.7	**949232**	96 x 10	**N/A -**	-	-	-	-	-	-
200 µl with graduated transparent bevelled tip	49.7	**949261**	96 x 10	**N/A -**	**949714**	96 x 100	**N/A -**	**949713**	96 x 50	**N/A -**
200 µl wide opening	49.7	**949589**	96 x 100	**N/A -**	-	-	-	-	-	-
250 µl with ultrafine tip	52.1	**949285**	96 x 10	**N/A -**	-	-	-	-	-	-
1250 µl wide opening	88.9	**949414**	96 x 5	**N/A -**	-	-	-	-	-	-
Tips for Rainin LTS										
20 µl for Rainin LTS	48.3	**949543**	96 x 110	**N/A -**	-	-	-	-	-	-
250 µl for Rainin LTS	51.3	**949574**	96 x 100	**N/A -**	-	-	-	-	-	-
300 µl for Rainin LTS	55.6	**949558**	96 x 80	**N/A -**	**949559**	96 x 80	**N/A -**	**949557**	96 x 40	**N/A -**
1200 µl for Rainin LTS	88.9	**949580**	96 x 50	**N/A -**	-	-	-	-	-	-
Flextop Tips										
200 µl Flextop with ultrafine tip	49.7	**949054**	96 x 10	**N/A -**	**949568**	96 x 100	**N/A -**	**949567**	96 x 50	**N/A -**
300 µl Flextop with ultrafine tip	71.1	**949044**	96 x 6	**N/A -**	-	-	-	-	-	-
1250 µl Flextop long with ultrafine tip	88.9	**949170**	96 x 5	**N/A -**	**949643**	96 x 50	**N/A -**	-	-	-

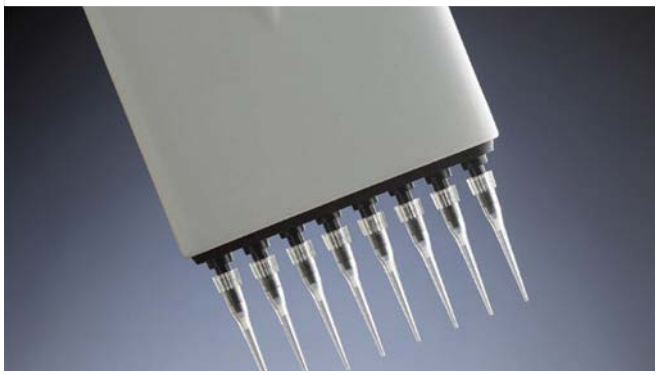
Refillable hinged lid racks

Cat. No.	Description	€
949377	Rack for tips 10, 200, 250 µl (10 units)	**N/A -**
949447	Rack for tips 1000 and 1250 µl (6 units)	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Labcon filter tips



- Hydrophobic filter to protect micropipettes from aerosols
- In sterile rack, single pack or Eclipse refill
- ZAPSlick low retention versions and/or for Rainin LTS pipettes

DNase RNase | Human DNA | ATP | Endo-toxins | Pyro-genic

		In sterile rack			Unit packaging			Eclipse UNO refill		
Description	**Length (mm)**	**Cat.No**	**Pack unit.**	**€**	**Cat.No**	**Pack unit.**	**€**	**Cat.No**	**Pack unit.**	**€**
ZAPSlik Low retention filter tips										
ZapSlik 10 µl	31.4	**949791**	96 x 120	**N/A -**	-	-	-	-	-	-
ZapSlik 10 µl long with TubeGuard	38.1	**949793**	96 x 100	**N/A -**	-	-	-	-	-	-
ZapSlik 10 µl extra long	47.6	**949794**	96 x 100	**N/A -**	-	-	-	-	-	-
ZapSlik 20 µl	49.7	**949798**	96 x 100	**N/A -**	-	-	-	-	-	-
ZapSlik 200 µl	52.1	**949804**	96 x 100	**N/A -**	-	-	-	-	-	-
ZapSlik 200 µl large orifice	49.7	**949740**	96 x 100	**N/A -**	-	-	-	**949739**	96 x 50	**N/A -**
ZapSlik 300 µl	52.1	**949802**	96 x 100	**N/A -**	-	-	-	-	-	-
ZapSlik 300 µl long	71.1	**949741**	96 x 6	**N/A -**	-	-	-	-	-	-
ZapSlik 1000 µl	88.9	**949800**	96 x 40	**N/A -**	-	-	-	-	-	-
ZapSlik 1000 µl large orifice	88.9	**949743**	96 x 40	**N/A -**	-	-	-	**949742**	96 x 24	**N/A -**
ZAPSlik Low retention filter tips for Rainin LTS										
ZAPSlik 20 µl for Rainin LTS	48.3	**949734**	96 x 100	**N/A -**	-	-	-	**949733**	96 x 50	**N/A -**
ZAPSlik 200 µl for Rainin LTS	51.3	**949736**	96 x 100	**N/A -**	-	-	-	**949735**	96 x 50	**N/A -**
ZAPSlik 300 µl for Rainin LTS	55.6	**949732**	96 x 100	**N/A -**	-	-	-	**949731**	96 x 50	**N/A -**
ZAPSlik 1000 µl for Rainin LTS	88.9	**949738**	96 x 40	**N/A -**	-	-	-	**949737**	96 x 24	**N/A -**
ZAP filter tips										
ZAP 10 µl with scale	49.7	**949487**	96 x 10	**N/A -**	-	-	-	-	-	-
ZAP 20 µl bevelled	49.7	**949509**	96 x 6	**N/A -**	**949491**	200	**N/A -**	**949663**	96 x 50	**N/A -**
ZAP 100 µl with graduations	49.7	**949726**	96 x 100	**N/A -**	-	-	-	-	-	-
ZAP 50 µl bevelled	49.7	**949492**	96 x 10	**N/A -**	-	-	-	-	-	-
ZAP 100 µl bevelled	49.7	**949495**	96 x 10	**N/A -**	-	-	-	-	-	-
ZAP 100 µl with graduations	49.7	**949498**	96 x 10	**N/A -**	-	-	-	-	-	-
ZAP 100 µl bevelled	49.7	**949725**	96 x 100	**N/A -**	-	-	-	-	-	-
ZAP 150 µl bevelled	49.7	**949499**	96 x 10	**N/A -**	**949501**	200	**N/A -**	-	-	-
ZAP 200 µl bevelled	52.1	**949502**	96 x 10	**N/A -**	**949477**	200	**N/A -**	**949677**	96 x 50	**N/A -**
ZAP 100 µl with ultrafine tip	83.8	**949728**	96 x 40	**N/A -**	-	-	-	-	-	-
ZAP 200 µl large bevelled orifice	49.7	**949504**	96 x 10	**N/A -**	-	-	-	-	-	-
ZAP 200 µl with ultrafine tip	83.8	**949506**	96 x 6	**N/A -**	-	-	-	-	-	-
ZAP 300 µl bevelled	52.1	**949508**	96 x 10	**N/A -**	-	-	-	**949673**	96 x 50	**N/A -**
ZAP 300 µl with ultrafine tip	71.1	**949510**	96 x 6	**N/A -**	-	-	-	-	-	-
ZAP 1000 µl with ultrafine tip	88.9	**949511**	96 x 6	**N/A -**	**949513**	200	**N/A -**	**949525**	96 x 24	**N/A -**
ZAP 1000 µl with FlexTop and ultrafine tip	75.9	**949514**	96 x 6	**N/A -**	-	-	-	-	-	-
ZAP 1000 µl with FlexTop and large orifice	88.9	**949515**	96 x 6	**N/A -**	-	-	-	-	-	-
ZAP 1200 µl for Sartorius	88.9	**949516**	96 x 6	**N/A -**	-	-	-	-	-	-
ZAP filter tips for Rainin LTS										
ZAP 20 µl for Rainin LTS	48.3	**949488**	96 x 10	**N/A -**	-	-	-	**949752**	96 x 50	**N/A -**
ZAP 200 µl for Rainin LTS	51.3	**949507**	96 x 10	**N/A -**	-	-	-	**949754**	96 x 50	**N/A -**
ZAP 300 µl for Rainin LTS	55.6	**949807**	96 x 100	**N/A -**	-	-	-	**949806**	96 x 50	**N/A -**
ZAP 1000 µl for Rainin LTS	88.9	**949509**	96 x 6	**N/A -**	-	-	-	**949756**	96 x 24	**N/A -**

3D tips



- From a mould selected by the manufacturer
- Adaptable to most existing pipettors
- Bevelled tip for good precision
- In transparent polypropylene

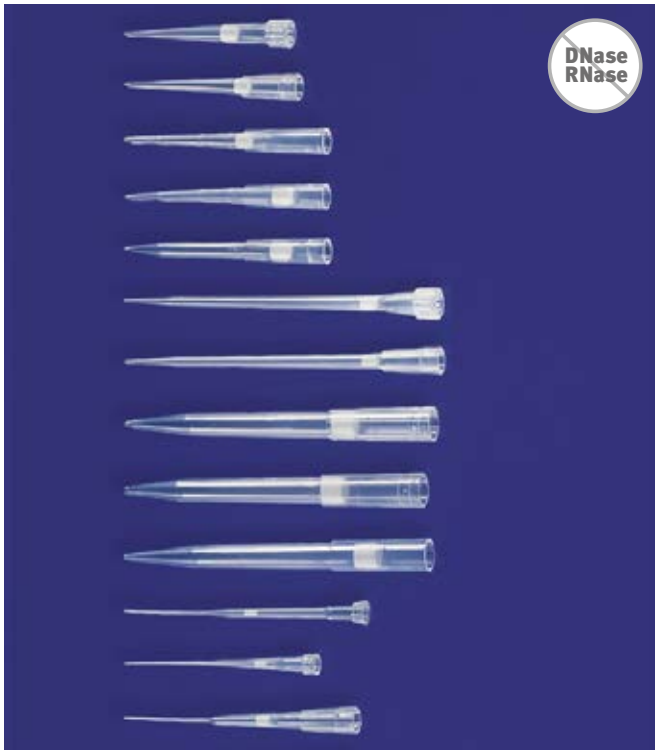
Cat. No.	Volume (µl)	Colour	Sterile	Units/ box	€/ box
070010	0.5 - 20	Natural	No	1000	**N/A -**
070030	100 - 1000	Blue	No	250	**N/A -**

Special filter tips

Filter tips specially adapted to molecular biology applications (gel) or particular pipette brands.

- **Self-sealing anti-contamination filter**
- **Sterile on rack**

Cat.No	Volume (µl)	Type	Units/ box	€/ box
077051	5	Nanotip for Gilson, Eppendorf, Sartorius Biohit*family*	10 x 96	**N/A -**
077095	10	For Gilson, Sartorius Biohit*family*	10 x 96	**N/A -**
077768	10	For Labsystems, Sartorius Biohit*family*	10 x 96	**N/A -**
077047	10	For Eppendorf	10 x 100	**N/A -**
077512	100	Special multichannel 50 µl	10 x 96	**N/A -**
077513	200	Special Gilson, Sartorius Biohit*family* 200 µ	10 x 96	**N/A -**
077515	200	Extra Long for Eppendorf (90 mm)	8 x 100	**N/A -**
077539	200	Wide opening, universal	10 x 96	**N/A -**
077649	1000	Extra-long (88 mm) for Gilson, Labsystems, Sartorius Biohit*family*, Eppendorf	10 x 100	**N/A -**
077107	1000	Wide opening for cells	10 x 96	**N/A -**
077204	1200	For Sartorius Biohit*family* Proline 1200 µl	10 x 96	**N/A -**
077060	10	Gel tip for Gilson	5 x 204	**N/A -**
077062	20	Gel tip for Gilson, Eppendorf, Sartorius Biohit*family*	5 x 204	**N/A -**
077068	100	Gel tip for Gilson, Eppendorf, Sartorius Biohit*family*	5 x 204	**N/A -**
077089	5000	Tip for PIPETMAN® P5000 (in bag)	1 x 100	**N/A -**



Low volume tips 10 µl

A choice of tips compatible with most brands of micropipettes.

- **Very high quality and precision**
- **Presentation options**



	Ultra Nanotip 10 µl (1)			Ultra Micro-gel 10 µl (2)			Microtip for Gilson 10 µl (3)			Microtip for Eppendorf 10 µl (4)			Ultra-Micro 10 µl (5)		
Features	Micro-volume tip, graduated to 2.5 µl. For Eppendorf , Gilson, Sartorius Biohit*family*...			Great lenght tip (58 mm). For Eppendorf, Gilson, Sartorius Biohit*family*			Special Gilson, Sartorius Biohit*family*, Labsystems.			Special Eppendorf, Socorex.			Long Reach tip, for Gilson, Eppendorf, Sartorius Biohit*family*Labsystems		
	Cat. No.	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**
Bulk	**077178**	1000	**N/A -**	**077181**	1000	**N/A -**	**077185**	1000	**N/A -**	**077188**	1000	**N/A -**	**077525**	1000	**N/A -**
On rack	**077179**	10 x 96	**N/A -**	**077182**	5 x 204	**N/A -**	**077186**	10 x 96	**N/A -**	**077189**	10 x 100	**N/A -**	-	-	-
On sterile rack	**077180**	10 x 96	**N/A -**	**077183**	5 x 204	**N/A -**	**077187**	10 x 96	**N/A -**	**077190**	10 x 100	**N/A -**	-	-	-

Special multi-channel tips

300 µl tips on a rack or in strips of 4 for multichannel pipettes. The reinforced rigidity of the rack ensures good stability and avoids deformation when the tips are pushed in.
Suitable for Labsystems, Sartorius Biohitfamily, Eppendorf, Costar.
The flexible 200 µl tip ensures an easy grip without forcing.

Cat. No.	Description	Pack. unit	€
038064	Tip 300 µl on sterile reinforced rack	10 x 96	**N/A -**
077528	Tip 300 µl graduated on rack	10 x 96	**N/A -**
077529	Tip 300 µl graduated on sterile rack	10 x 96	**N/A -**
077530	Tip 300 µl graduated in bulk	1000	**N/A -**
022220A	Tip 200 µl flexible on rack	10 x 96	**N/A -**
022210A	Tip 200 µl flexible on sterile rack	10 x 96	**N/A -**





All prices are indicative and exclude VAT. Visit www.dulis.nl

Tips for Matrix 1300 µl pipette



Tips specially designed for the Matrix 1300 µl pipette.
Volume from 100 to 1300 µl. In bulk or on a rack.

	Bulk	On rack	On rack Sterile
Cat. No.	**077563**	**077564**	**077565**
Units/box	1000	960	960
€/box	**N/A -**	**N/A -**	**N/A -**

Special tips for Eppendorf



High quality tips, specially designed for Eppendorf micropipettes.

	In bulk			On a rack			On a sterile rack		
Volume (µl)	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**
10	**077188**	1000	**N/A -**	**077189**	10 x 100	**N/A -**	**077190**	10 x 100	**N/A -**
200	**077192B**	1000	**N/A -**	**077193**	10 x 96	**N/A -**	**077194**	10 x 96	**N/A -**
1000	**077196**	1000	**N/A -**	**077197**	10 x 100	**N/A -**	**077198**	10 x 100	**N/A -**
2500	**077531**	500	**N/A -**	**-**	-	**-**	**-**	-	**-**
5000	**045530**	250	**N/A -**	**045531**	10 x 50	**N/A -**	**045532**	10 x 50	**N/A -**

Long tips



Tips compatible with all brands of pipettes.
Their long length allows them to reach the bottom of deep tubes and reduces the risk of contamination.

			In bulk			On a rack			On a sterile rack		
Volume (µl)	**Length (mm)**	**Compatibility**	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**
200	90	Universal	**077170**	1000	**N/A -**	**077171**	8 x 204	**N/A -**	**077172**	8 x 204	**N/A -**
1000	88	Universal	**077174**	1000	**N/A -**	**077175**	10 x 100	**N/A -**	**-**	-	**-**
1250	102	Universal	**-**	-	**-**	**134750**	8 x 96	**N/A -**	**134760**	8 x 96	**N/A -**

Special tips for Gilson



Specially designed tips for Gilson PIPETMAN® and Rainin pipettes.

- **Very high accuracy**
- **Perfect fit**
- **Natural**

	In bulk			On a rack			On a sterile rack		
Volume	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**	**Cat. No.**	**Units/ box**	**€/ box**
10 µl	**077185**	1000	**N/A -**	**077186**	10 x 96	**N/A -**	**077187**	10 x 96	**N/A -**
10 µl long	**077525**	1000	**N/A -**	**-**	-	**-**	**-**	-	**-**
200 µl	**015720A**	1000	**N/A -**	**032230**	10 x 96	**N/A -**	**032250**	10 x 96	**N/A -**
1000 µl	**010180**	1000	**N/A -**	**010200A**	10 x 100	**N/A -**	**010230A**	10 x 100	**N/A -**
5 ml (lenght 124 mm)	**045413**	250	**N/A -**	**045414**	10 x 50	**N/A -**	**045415**	10 x 50	**N/A -**

Sterile Tips, unit packaging

Gamma sterilised micropipette tips, packed in individual bags.

- **Ideal for small pipetting runs**
- **Risks of contamination completely eliminated**
- **No autoclaving**
- **Do not take up space under the hood**
- **Safety and ease of use**



Standard Tips

Cat. No.	Tip	Volume (µl)	Compatibility	Units/ box	€/ box
077209	Standard yellow	200	Universal	500	**N/A -**
077169	Standard blue	1000	Universal	500	**N/A -**

High precision tips

Free of heavy metals.

DNA · Pyro-genic · Endo-toxins · DNase RNase

Cat. No.	Tip	Volume (µl)	Compatibility	Units/ box	€/ box
949472	Yellow	200	Universal	200	**N/A -**
949473	Natural graduated	200	Universal	200	**N/A -**
949474	Natural extra-long	1250	Universal	200	**N/A -**

5 ml and 10 ml tips

5 ml and 10 ml tips for Gilson, Eppendorf and Labsystems.

- **In bulk or in refillable rack with lid**
- **Excellent quality**
- **With or without filter**



		Without filter - bulk			Without filter - on rack			Without filter - on sterile rack			With Filter - on sterile rack		
Volume	Length (mm)	Cat.No	Units/ bag	€/ bag	Cat.No	Units/ bag	€/ bag	Cat.No	Units/ bag	€/ bag	Cat.No	Units/ bag	€/ bag
5 ml for Gilson	125	**045413**	250	**N/A -**	**045414**	10 x 50	**N/A -**	**045415**	10 x 50	**N/A -**	**045561**	10 x 50	**N/A -**
5 ml for Eppendorf, Sartorius	155	**045530**	250	**N/A -**	**045531**	10 x 50	**N/A -**	**045532**	10 x 50	**N/A -**	**045562**	10 x 50	**N/A -**
10 ml for Socorex	165	**045564B**	200	**N/A -**	**045565**	10 x 25	**N/A -**	**048060**	10 x 25	**N/A -**	**-**	-	**-**
10 ml for Gilson, Rainin Eppendorf	161	**048026B**	200	**N/A -**	**048027**	10 x 25	**N/A -**	**048028**	10 x 25	**N/A -**	**048029**	10 x 25	**N/A -**

Tips for Pipet-Lite Rainin

	20 µl		200 µl		1000 µl	
	Non-sterile	Sterile	Non-sterile	Sterile	Non-sterile	Sterile
Standard without filter						
Cat. No.	**-**	**038373**	**038375**	**038377**	**038380**	**038381**
Units/box	-	960	960	960	800	800
€/box	**-**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Standard with ART filter						
Cat. No.	**-**	**038374**	**-**	**038379**	**-**	**038382**
Units/box	-	960	-	960	-	800
€/box	**-**	**N/A -**	**-**	**N/A -**	**-**	**N/A -**
Low retention without filter						
Cat. No.	**038383**	**038384**	**038386**	**038387**	**-**	**-**
Units/box	960	960	960	960	-	-
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**	**-**
Low retention with ART filter						
Cat. No.	**-**	**038385**	**-**	**038388**	**-**	**038391**
Units/box	-	960	-	960	-	800
€/box	**-**	**N/A -**	**-**	**N/A -**	**-**	**N/A -**



038073 038074



038075 038079



038080 038082

thermoscientific

- **Specially designed tips for the Rainin Pipet-Lite pipette**
- **Very low adsorption thin walls**
- **On rack, with or without ART hydrophobic filter**
- **Truncated cone tip for effortless attachment and ejection of the tip**
- **Standard or Low-retention with low surface adhesion**

All prices are indicative and exclude VAT. Visit www.dulis.nl

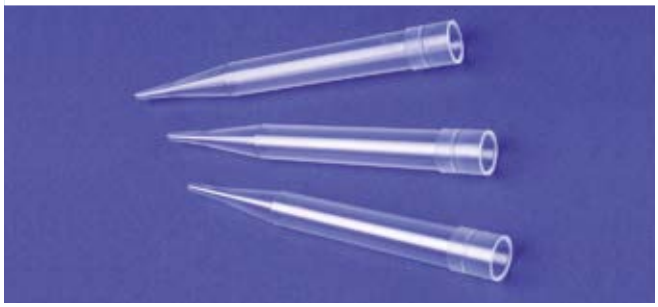
Tips for Rainin LTS



- 3 types of tips: ART (filtered and sterile) / PURE (sterile) / HLT (non-sterile)
- For Rainin LTS pipettes
- Hinged transparent racks with colour inserts associated with the volume
- Available in 20, 200, 300, 1000 and 1200 µl
- Available with filters, without filters, in refill systems and in blister packs

			ART		ART refills		PURE			HLT	
Vol. (µl)	Low Retention	Pack. unit	Cat.No.	€	Cat.No.	€	Pack. unit	Cat.No.	€	Cat.No.	€
20	Yes	10 x 96	038560	N/A -	041545	N/A -	10 x 96	038568	N/A -	038570	N/A -
20	No	10 x 96	038561	N/A -	041546	N/A -	10 x 96	038569	N/A -	038571	N/A -
200	Yes	10 x 96	038562	N/A -	041547	N/A -	10 x 96	038580	N/A -	038582	N/A -
200	No	10 x 96	038563	N/A -	041548	N/A -	10 x 96	038581	N/A -	038583	N/A -
300	Yes	10 x 96	038558	N/A -	041543	N/A -	10 x 96	038572	N/A -	038574	N/A -
300	No	10 x 96	038559	N/A -	041544	N/A -	10 x 96	038573	N/A -	038575	N/A -
1000	Yes	8 x 96	038564	N/A -	041549	N/A -	8 x 96	038584	N/A -	038586	N/A -
1000	No	8 x 96	038565	N/A -	041560	N/A -	8 x 96	038585	N/A -	038587	N/A -
1200	Yes	8 x 96	038566	N/A -	041561	N/A -	-	-	-	-	-
1200	Non	8 x 96	038567	N/A -	041562	N/A -	8 x 96	038577	N/A -	038579	N/A -

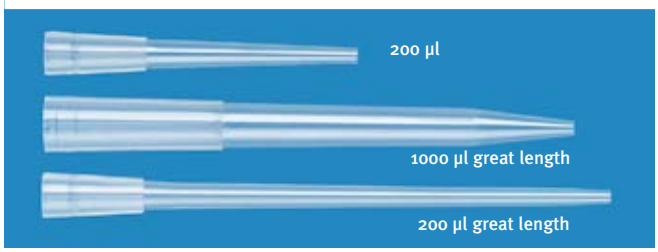
Tips for Sartorius Biohit*family* 1200 µl



Special tips for the Sartorius Biohit*family* 1200 µl micropipette.

	Bulk	On a rack	On a sterile rack	Filter on sterile rack
Cat.No.	077200B	077201	077202	077204
Units/box	1000	960	960	960
€/box	N/A -	N/A -	N/A -	N/A -

Wide-mouth tips for cells and DNA



200 µl and 1000 µl wide-mouth tips, especially for fragile cells, DNA and viscous solutions. Ideal for some genomic work.

200 µl standard tips (50 mm)

Cat. No.	Type	Volume (µl)	Units/ box	€/ box
077157	Wide opening tip, bulk	200	1000	N/A -
077158	Wide opening tip, on rack 96 tips	200	10 x 96	N/A -

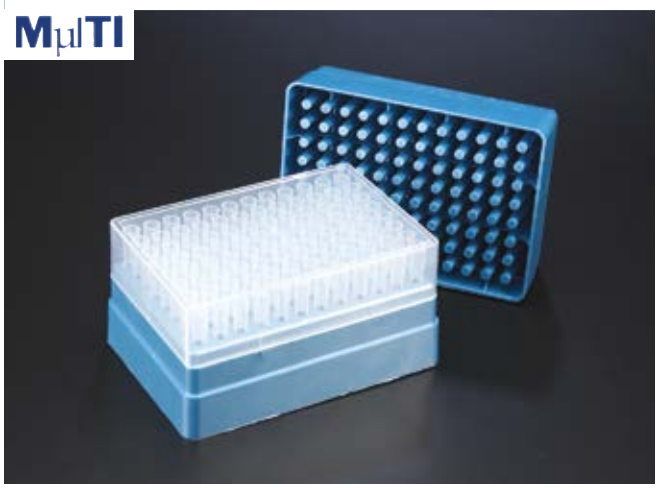
1000 µl great length tips (88 mm)

Cat. No.	Type	Volume (µl)	Units/ box	€/ box
077163	Wide opening tip, bulk	1000	1000	N/A -
077164	Wide opening tip, rack 100 tips	1000	1000	N/A -

200 µl great length tips (91.2 mm)

Cat. No.	Type	Volume (µl)	Units/ box	€/ box
038163	Wide opening tip, on rack 96 tips	200	8 x 96	N/A -
038164	Wide opening sterile tip, on rack 96 tips	200	8 x 96	N/A -

Multi certified tips



High precision, universal tips, supplied with certificate, certifying per batch:
- sterility achieved by gamma irradiation: SAL of 10^{-3}
- ATP: less than 3.5×10^{-15} g
- DNA: less than 2×10^{-14} g
- RNase: less than 1.1×10^{-11} units Kunitz
- pyrogen: less than 2×10^{-3} EU (test LAL)

- Packaged on a rack with cover lid
- Standard or Low Binding version

		Standard			Low Binding		
Vol. (µl)	Type	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
0.1 - 10	GilsonType	023570C	4800	N/A -	035020C	4800	N/A -
0.1 - 10	Microreach Universal	037660C	4800	N/A -	037660TC	4800	N/A -
1 - 200	Universal	-	-	-	035100C	4800	N/A -
1-300	Universa	130930C	4800	N/A -	130930TC	4800	N/A -
100-1000	Universal	-	-	-	035190C	5000	N/A -
50 -1250	Universal	134760C	3840	N/A -	-	-	-

Standard Tips

Cat.No	Vol. (µl)	Colour	Compatibility	Pack. unit	Units/ box	€/ box
390980	0 - 200	Yellow	Eppendorf - Brand - Socorex	1000	25000	N/A -
390981	0 - 200	Yellow	Gilson	1000	25000	N/A -
390861	200 - 1000	Blue	Eppendorf - Socorex - HTL - Nichiryo	500	10000	N/A -



ExpellPlus Tips, individually wrapped

- Sterile
- Different volumes: 10 µl standard and long, 200 µl and 1000 - 1250 µl
- Compatible with most brands of pipettes
- Hydrophobic polymer plastic to reduce sample adhesion

DNA · DNase RNase · Endo-toxins · PCR-inhibitor



Cat. No.	Volume (µl)	Units/ box	€/ box
091248	10	400	N/A -
091249	10 (long version)	400	N/A -
091250	200	400	N/A -
091251	1000	200	N/A -

XL multi-volume Tips

- One tip for many volumes
- Scaled to 10, 50, 100, 150 and 200 µl
- Natural
- Compatible with most Pipette controllers
- The non-filter tips are also compatible with 300 µl pipettes
- Extreme length 91 mm
- Surface low-binding
- Examples of PCR inhibitors
- Sterile version free of pyrogens

DNase RNase · Human DNA

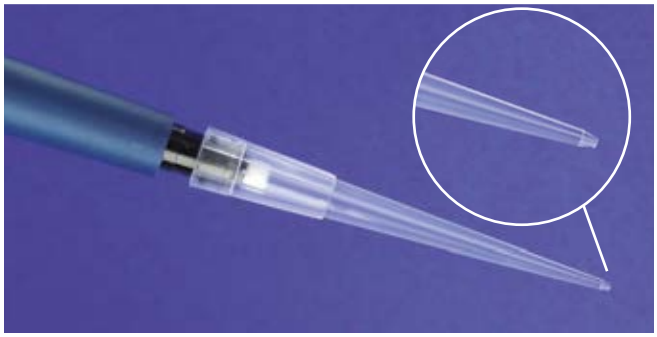


Cat. No.	Volume (µl)	Description	Units/ box	€/ box
840881	300	Bulk	1000	N/A -
840882	300	Rack	96 x 10	N/A -
840883	300	Rack, sterile	96 x 10	N/A -
840884	200	Rack, sterile, with filter	96 x 10	N/A -

Bevelled tips

Vol. (µl)	Colour	For	Bulk	On a rack	On a sterile rack
		Tips, 10 µl			
10	Natural	Gilson, Labsystems Sartorius Biohit*family*	077185	077186	077187
10	Natural	Eppendorf	077188	077189	077190*
Units/box			1000	960	960
€/box			N/A -	N/A -	N/A -
		Tips, 200 µl			
200	Yellow	All brands	-	-	077547B
200	Natural grad.	All brands	077551	-	-
Units/box			1000	-	960
€/box			N/A -	-	N/A -
		Tips, 1000 µl			
1000	Blue	All brands	077553	077554	077555
1000	Natural	All brands	077556	-	077558
Units/box			1000	1000	1000
€/box			N/A -	N/A -	N/A -

* sold per 1000



High precision tips with a bevelled end.

- Increasing the accuracy of the deposit
- Thin profile
- In bulk or on a rack with a cover lid

DNase RNase · Endo-toxins · Pyro-genic

All prices are indicative and exclude VAT. Visit www.dulis.nl

Economical tips for micropipettes

Economical, universal tips suitable for all brands of micropipettes and routine applications. Packaged in bulk (bag).



Cat. No.	Colour	Volume (µl)	For micropipette	Units/ bag	€/ bag
391452	Natural	0.5 - 10	Gilson, Sartorius Biohit*family*	1000	N/A -
391453	Natural	0.5 - 10	Eppendorf Research Socorex	1000	N/A -
391454	Natural	2 - 20	Eppendorf Reference	1000	N/A -
391450	Yellow	2 - 200	Universal	1000	N/A -
391455	Yellow	2 - 200	Gilson	1000	N/A -
391456	Natural	2 - 300	Gilson, Finnpipette Sartorius Biohit*family*	1000	N/A -
391457	Natural	10 - 300	Eppendorf, Gilson Sartorius Biohit*family*	1000	N/A -
391451	Blue	100 - 1000	Gilson, Socorex Sartorius Biohit*family*	1000	N/A -
391458	Blue	1000 - 5000	Gilson, Socorex	250	N/A -
391459B	Natural	1000 - 5000	Eppendorf	250	N/A -
391460	Natural	1000 - 5000	Finnpipette	250	N/A -
391461	Natural	100 - 10000	Gilson, Socorex, Finnpipette	100	N/A -

eppendorf EpT.I.P.S. Tip GELoader 0.5 - 20 µl Eppendorf



Long tapered tip for damage-free gel deposition.

- **For Research plus, Reference and Xplorer micropipettes**
- **High accuracy**
- **Total length: 62 mm, capillary length: 15 mm**
- **Outer ø: 0.3 mm, Inner ø: approx. 0.12 mm**
- **Volume: 0.5 - 20 µl**
- **Autoclavable (121 °C, 20 min)**

Cat. No.	Description	€ the 2 racks of 96
033202	epT.I.P.S. Tip GELoader Eppendorf	N/A -

eppendorf Capillary tips for FEMTOTIPS micro-injection



Capillaries for microinjection.
Femtotip II: for reproducible injection of adherent and suspension cells; inn ø x out ø: 0.5 x 0.7 µm.

- **Sterile**
- **Strictly defined light**
- **Fast mounting screws**

Cat. No.	Description	€ 20 units
034902	Capillaries Femtotip II	N/A -

eppendorf Microloader™Sharp Tip



- **Long filament tip**
- **Suitable for loading micro-injection capillaries from the rear**
- **Fits on Eppendorf 10 µl pipettes**
- **On autoclavable rack**

Cat. No.	Description	€ 2 x 96
034903	Microloader Tip	N/A -

DRUMMOND SCIENTIFIC COMPANY Capillary micropipettes for PCR



Capillaries equipped with a stainless steel positive displacement piston.
In boxes of 100 capillaries + 100 pistons.

- **No aerosol**
- **Real sample measurement, independent of viscosity**
- **Autoclavable**

Cat. No.	Description	Units/ box	€/ box
075040	Capillary micropipettes for PCR 5 µl	100	N/A -
075041	Capillary micropipettes for PCR 10 µl	100	N/A -

GEL TIPS

Tips consisting of a reservoir chamber and a capillary.

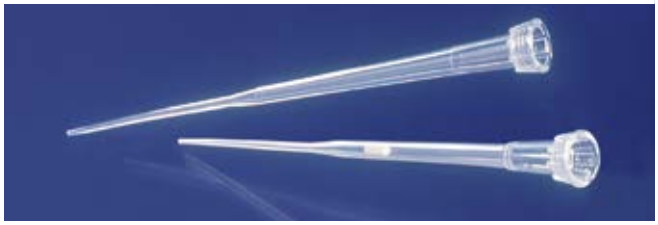
Applications
- Use of deep tubes
- Gel deposits

Ultra-micro Gel Loading Tips 10 µl for Eppendorf

- Eppendorf, Socorex compatible
- Great length (total: 72 mm, capillary: 25 mm)
- ø outer exit: 0.61 mm; inner exit ø: 0.30 mm
- On 204-tip rack

DNase RNase

Cat. No.	Description	Packaging	€
077501	Gel Loading ultra-micro tip	8 racks of 204	N/A -



Ultra-micro Gel Loading Universal Tips, 10 µl

- Compatible with Gilson, Eppendorf, Sartorius Biohitfamily
- Total length: 57 mm; Capillary length: 25 mm
- ø outer exit: 0.61 mm; inner exit ø: 0.30 mm

DNase RNase

	Bulk	On rack	Sterile on rack	Sterile with filter
Cat. No.	077181	077182	077183	077060
Packaging	1000	5 racks of 204	5 racks of 204	5 racks of 204
€	N/A -	N/A -	N/A -	N/A -



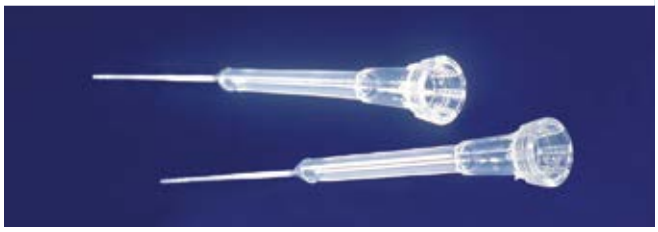
Gel Saver capillary filament Tips, 10 µl

Ultra pure and flexible capillary. Preserves electrophoresis gels.

- Eppendorf, Socorex compatible
- Total length: 58 mm; Capillary length: 23 mm

DNase RNase

Cat. No.	Packing	€
077503	Rack of 204 tips	N/A -
077504	Rack of 204 sterile tips	N/A -



Gel Saver Tips 200 µl

- Compatible with all brands of 200 µl pipettes
- Total length: 68 mm; Capillary length: 25 mm
- ø outer exit: 0.61 mm; inner exit ø: 0.30 mm

DNase RNase

Gel Saver tips with filter

		Sterile on rack
Volume (µl)	Packaging	5 racks of 204
1 - 20	Cat. No.	077062
	€	N/A -
5 - 100	Cat. No.	077068
	€	N/A -



Gel Saver tips without filter 200 µl. Autoclavable

	On bulk	On rack	Sterile on rack
Cat.No.	077505	077506	077507
Packaging	1000	5 racks of 204	5 racks of 204
€	N/A -	N/A -	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Multiflex and Miniflex capillary tips for gel



Fine capillary tips for high precision gel deposition.

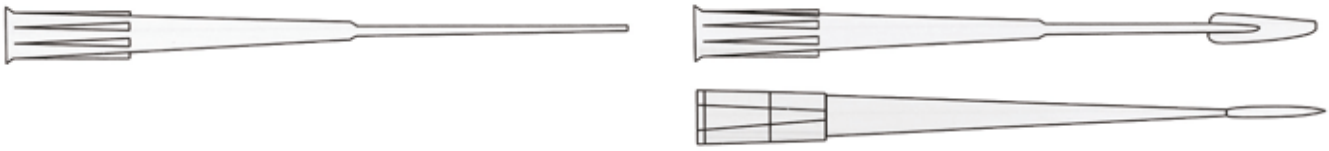
- Round-ended tips (ø ext.: 0.57 mm) are particularly suitable for SDS PAGE gels.
- The spatula tips with flat end (ø ext.: 0.17 and 0.37 mm) are indicated for the sequencing gel. The great length tips 200 µl tips (83 mm) allow for use in deep tubes.

➤**Loaded on an autoclavable rack with a lid for 200 tips**

Pyro-genic — DNase RNase

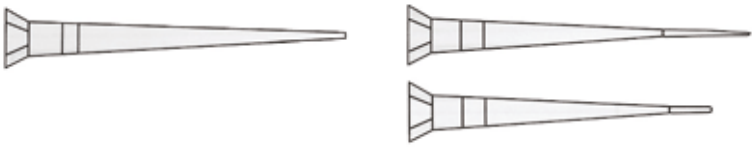
For all brands of 200 µl pipettes

				On 200-tip rack Non-sterile			On 200-tip rack Sterile		
Volume (µl)	Tip	Out. ø (mm)	Length (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
0.5 - 200	Rounded	0.57	83.5	**021570**	2 x 200	N/A -	**013810**	4 x 200	N/A -
0.5 - 200	Spatulated flat	0.37	83.5	**027600**	2 x 200	N/A -	**013770**	4 x 200	N/A -
0.5 - 200	Spatulated flat	0.17	83.5	**017310**	4 x 200	N/A -	**017320**	4 x 200	N/A -



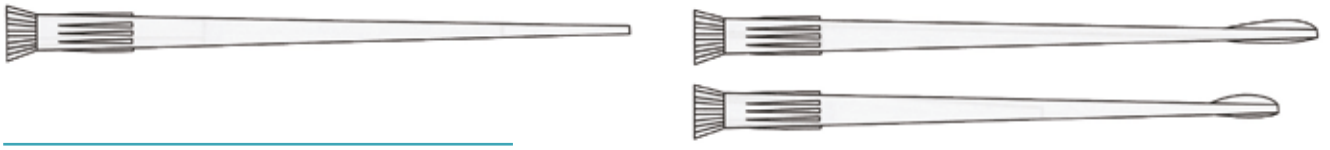
For 10 µl micropipettes Gilson, Sartorius Biohit*family*, Labsystems

				On 200-tip rack Non-sterile			On 200-tip rack Sterile		
Volume (µl)	Tip	Out. ø (mm)	Length (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
0.1 - 10	Rounded	0.57	45	**015100**	4 x 200	N/A -	**015110**	4 x 200	N/A -
0.1 - 10	Spatulated flat	0.37	45	**015120**	4 x 200	N/A -	**015130**	4 x 200	N/A -
0.1 - 10	Spatulated flat	0.17	45	**017350**	4 x 200	N/A -	**017360**	4 x 200	N/A -



For 10 µl Eppendorf micropipettes

				On 200-tip rack Non-sterile			On 200-tip rack Sterile		
Volume (µl)	Tip	Out. ø (mm)	Length (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
0.1 - 10	Spatulated flat	0.37	83.5	-	-	-	**013900**	4 x 200	N/A -
0.1 - 10	Spatulated flat	0.17	83.5	**017330**	4 x 200	N/A -	**017340**	4 x 200	N/A -



Multiflex capillary tip 0.5 - 200 µl bulk

Cat. No.	Description	Units/ box	€/ box
028480A	Multiflex Tip 0.5 - 200 µl	1000	N/A -

Extra long 10 µl universal tip

Cat. No.	Description	Units/ box	€/ box
077525	Tip, in bulk	1000	N/A -

Long reach tip (44 mm), for Gilson, Eppendorf, Sartorius Biohitfamily, Labsystems. Ideal for micro-volumes in universal molecular biology.



Checkit pipette for checking the accuracy of the micropipette

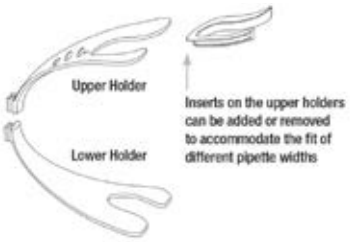
- Direct reading of pipette accuracy and compliance or not with ISO 8655
- Different versions available for micropipettes from 2 to 200 µl
- Rapid verification of micropipette calibration without the need for a precision balance
- Three checkpoints to cover the range of use of each micropipette



Max. pipette volume (µl)	Measured volume(µl)			Units/box	Cat. No.	€/ box
	100 %	50 %	10 %			
2	2	1	0.2	5	555682B	N/A -
5	5	2.5	0.5	5	555683B	N/A -
10	10	5	1	5	555684B	N/A -
20	20	10	2	5	555685B	N/A -
50	50	25	5	5	555686B	N/A -
100	100	50	10	5	555687B	N/A -
200	200	100	20	5	555688B	N/A -

Universal wall mount

- In ABS
- Accepts all pipette models
- For 2 single-channel pipettes or 2 multi-channel pipettes or a combination of both
- An insert on the top segment can be added or removed to accommodate different pipette widths
- Not autoclavable
- Can be washed with soap and water or standard laboratory disinfectant
- Stand in two different coloured segments for better identification
- Supplied with lower segments: 2 blue, 2 green, 2 transparent; and segment holders: 2 blue, 2 green, 1 purple, 1 yellow





Cat. No.	Description	Units/ box	€/ box
320654	Universal wall mount	2	N/A -

Universal rack

- Accepts all pipette models
- In acrylic
- Suitable for multi-channel pipettes



Cat. No.	Description	€
062935	Rack for 3 pipettes including 1 multichannel pipette	N/A -
062936	Rack for 5 pipettes including 2 multichannel pipettes	N/A -
062937	Rack for 6 pipettes including 4 multichannel pipettes	N/A -

Rack for pipettes and tips

- For 4 pipettes
- Double transparent tray
- Self-closing lid
- Wide edges on the lid for easy handling
- Dimensions: 244 x 165 x 246 mm



Cat. No.	Description	€
037931	Rack for 4 pipettes and tips	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Universal carousel rack







- In ABS
- Capacity of 8 single channel or 4 multichannel pipettes - or mixed multichannel and single channel
- Compatible with most pipettes on the market
- Swivel head and weighted base for one-handed operation
- Pipette held vertically
- Different colours available

Colour: upper part of the retention system	Green/blue (8 of each)	Violet/transparent (8 of each)	Transparent (8) and assorted* (8)
Colour: lower part of the retention system	Blue (8)	Violet (8)	Assorted (8)
Cat. No.	**320547**	**320548**	**320549**
€	**N/A -**	**N/A -**	**N/A -**

* purple, yellow, red, orange, green, grey, blue and transparent

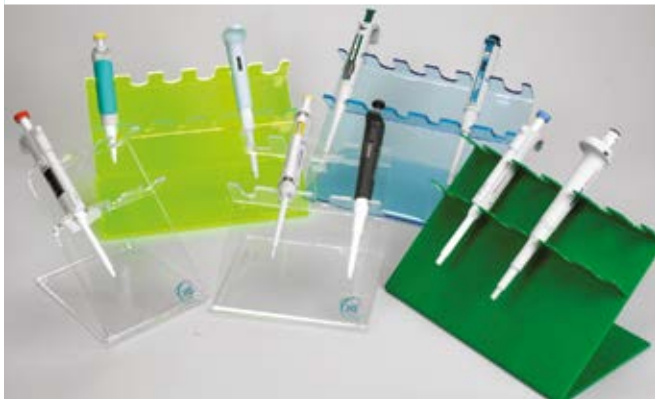
Universal pipette holder, UV decontaminant



- Destroys 99% of contaminants
- UV exposure (254 nm) over 360°
- Capacity of 6 single-channel pipettes
- Compatible with most pipettes on the market

Cat. No.	Description	€
062984	UV decontamination carousel for single channel pipettes	**N/A -**

Inclined benchtop rack for micropipettes



- Practical, universal, economical
- Inclined rack for 2 to 6 micropipettes, to be placed on the bench

Cat. No.	Material	Capacity Pipettes	Dimensions (mm)	Colour	€
037933	Acrylic	3	NC	Natural	**N/A -**
037934	Acrylic	4	NC	Natural	**N/A -**
037551	Acrylic	6	295 x 165 x 195	Natural	**N/A -**
037937	Acrylic	6	295 x 165 x 195	Blue	**N/A -**
037552	ABS	6	295 x 165 x 195	Blue	**N/A -**

Attachable holder for micropipettes



- To be fixed on a shelf or the bench to store 3 micropipettes
- Blue
- Includes 2 holding screws

Cat.No	Description	€
037548	Holder for 3 micropipettes	**N/A -**

Carousel rack



- To be placed on a bench or hung under a shelf
- For 12 single-channel pipettes or 3 single-channel and 3 multi-channel pipettes
- Accepts all pipette models
- Dimensions H x W (mm):
  - benchtop model: 332 x 193
  - model mounted under a shelf: 187 x 193

Colour	Blue	Green	Violet	€
Cat. No.	**320112**	**320113**	**320114**	**N/A -**

Stainless steel universal rack

Robust, universal, this inclined rack accepts 5 micropipettes of all brands.
Stainless steel L x W x H (mm): 229 x 146 x 197.

Cat. No.	Description	€
045868	Stainless steel holder for micropipettes	N/A -



Pipette holders

Universal holder for 7 micropipettes of all brands.

- **Your pipettes always at hand**
- **Elegant and light**
- **Choice of five colours**

Cat. No.	Colour	€
061005	Light grey	N/A -
061006	Vanilla	N/A -
061007	Ice Blue	N/A -
061008	Mint	N/A -
061365	Pink	N/A -



Stand for pipettes

- **Accepts all pipette models (except Eppendorf and Gilson)**
- **With 5 stantions**
- **Gantry type**



Cat. No.	Description	€
861006B	Rack for micropipettes	N/A -

Carousel rack for 7 PIPETMAN® and other pipettes

Rack for PIPETMAN® and other brands of pipettes.
Capacity: 7 pipettes



Cat. No.	Description	€
088893	Carousel rack	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Racks for micropipettes



- Made of epoxy-coated Aluminium
- For storing 10 micropipettes or 5 Pipet-Aid
- L x W x H: 229 x 127 x 171 mm

Cat. No.	Description	€
045865	Rack for 10 micropipettes	N/A -
045866	Rack for 10 PIPETMAN® Gilson	N/A -

Racks


933908


047039


047020


047134


066088


066089


066090


070998


725620


066798

Eppendorf

Cat.No	Description	€
933908	Pipette carousel 2 for 6 single or multichannel manual pipettes	N/A -
933909	Charging carrousel 2 for 6 pipettes Xplorer® / Xplorer® plus with power adapter	N/A -
933910	Charging rack 2 for 1 pipette Xplorer® / Xplorer® plus without power adapter*	N/A -
933911	Charging rack 2 for 1 pipette Multipette® E3/E3x or stream/Xstream without power adapter*	N/A -
933912	Rack 2 for 1 pipette Multipette® M4	N/A -

* For use with the charger supplied with the pipettes.

Finnpipettes

Cat. No.	Description	€
047039	Carousel with protective cover	N/A -
047020	Gantry for 5 to 6 Finnpipettes	N/A -
047134	Gantry for 2 to 3 Finnpipettes	N/A -

Gilson

Cat. No.	Description	€
066088	Carousel for 7 micropipettes PIPETMAN® P, G, Neo	N/A -
066089	Trio rack for Gilson micropipettes	N/A -
066090	Wall-mounted holder for 1 Gilson* micropipette	N/A -
066798	Universal Pipette Rack for multichannel pipettes	N/A -
066817	Carousel for 5 PIPETMAN® M	N/A -

* Supplied with double-sided adhesive tape and screws for wall mounting.

Sartorius Biohit*family*

Cat. No.	Description	€
070998	Carousel for 6 mLine micropipettes or 6 micropipettes Tacta Sartorius Biohit*family*	N/A -
725620	Linear rack for 11 to 13 (on 2 sides) micropipettes Sartorius Biohit*family*	N/A -

Socorex

Cat. No.	Description	€
061692	Adhesive holder for 2 pipettes	N/A -
061257	Holder 340 for 3 microdispensers	N/A -

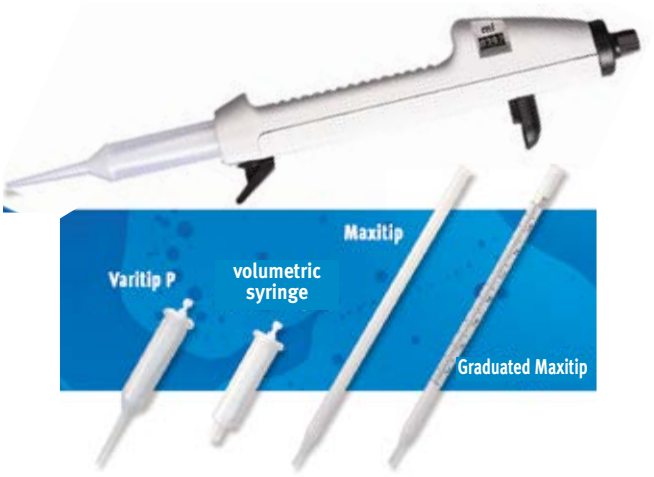
Varipette® Eppendorf

eppendorf

Pipette for large volumes from 1 to 10 ml

Positive displacement micropipette for volumes up to 10 ml. Well suited for viscous liquids and high vapour pressure. The Varipette® accepts two types of dispensing syringes:

- the Varitip P syringe for aspirating volumes of 1 to 10 ml into short containers;
- the Varitip S, consisting of a short syringe and a long Maxitip tip of 10 ml (to be ordered separately), is used to aspirate liquids from the bottom of deep vials or tubes. A special valve can also be added to prevent droplets from forming on the tip with liquids with high vapour pressure.



Cat. No.	Description	Units/ box	€/ box
033067	Varipette 10 ml 4720	1	N/A -
033068	Syringes Varitip P	100	N/A -
033069	Syringes Varitip S	30	N/A -
033070	Maxitip 10 ml for Varitip S	200	N/A -
033072	Valve for Varitip S	100	N/A -
033073	Adapter for Eppendorf Carousel Rack	1	N/A -

Positive displacement pipettes Transferpettor BRAND

Transferpettor pipettes - variable volume

Volume (µl)	Increment (µl)	Colour	Cat. No.	€	Spare parts: Capillaries Cat. No.	Capillaries €	Piston Cat. No.	Piston €	Piston rod Cat. No.	Piston rod €
2.5 - 10	0.01	Orange	781931	N/A -	042407	N/A -	-	-	781965	N/A -
5 - 25	0.1	White	674331	N/A -	090618	N/A -	701920	N/A -	781966	N/A -
10 - 50	0.1	Green	674332	N/A -	781695	N/A -	781694	N/A -	781967	N/A -
20 - 100	0.1	Blue	781652	N/A -	674328	N/A -	781953	N/A -	781968	N/A -
100 - 500	1	Green	781932	N/A -	781949	N/A -	781954	N/A -	-	-
200 - 1000	1	Yellow	781650	N/A -	781757	N/A -	781758	N/A -	-	-
1000 - 5000	10	Red	7028-10	N/A -	781951	N/A -	781955	N/A -	-	-
2000 - 10000	10	Orange	781651	N/A -	781952	N/A -	781957	N/A -	-	-

Transferpettor pipettes - fixed volume

Volume (µl)	Colour	Cat. No.	€	Spare parts: Capillaries Cat. No.	Capillaries €	Piston Cat. No.	Piston €	Piston rod Cat. No.	Piston rod €
1	White	781933	N/A -	042406	N/A -	-	-	781964	N/A -
2	White	781934	N/A -	042406	N/A -	-	-	781964	N/A -
5	White	781935	N/A -	042406	N/A -	-	-	781964	N/A -
10	Orange	781937	N/A -	042407	N/A -	-	-	781965	N/A -
20	Black	781938	N/A -	091499	N/A -	701920	N/A -	781966	N/A -
25	White	781939	N/A -	090618	N/A -	701920	N/A -	781966	N/A -
50	Green	781943	N/A -	781695	N/A -	781694	N/A -	781967	N/A -
100	Blue	781403	N/A -	674328	N/A -	781953	N/A -	781968	N/A -
200	Red	781409	N/A -	674328	N/A -	781953	N/A -	781969	N/A -

Accessories

Cat. No.	Description	€
781962	Rack for 4 pipettes up to 200 µL	N/A -
781963	Rack for 2 pipettes from 0.5 to 10 mL	N/A -

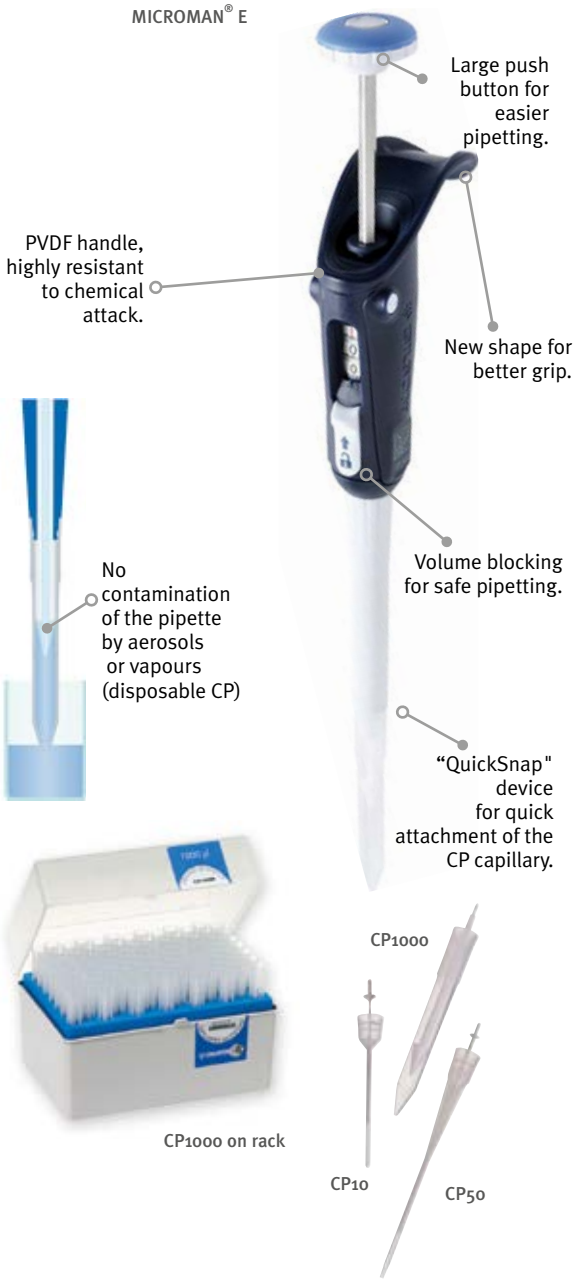
Designed for liquids with high or low viscosity, high density, high vapour pressure and a tendency to foam.



All prices are indicative and exclude VAT. Visit www.dulis.nl

MICROMAN® E Gilson

GILSON



Positive displacement micropipettes with disposable capillary pistons (CPs), particularly suitable for difficult liquids.

- **Ideal for viscous, volatile, dense, contaminated or hazardous samples**
- **Elimination of any risk of contamination by aerosols (disposable CPs)**
- **Available with ISO 17025 calibration certificate (COFRAC approved)**

MICROMAN® E

- **"QuickSnap"device: attaches the CP as easily as a standard pipette tip**
- **Volume locking system for precise adjustment without risk of change**
- **Display in front position**
- **New shape and large push button**

Type	Volume	Cat. No. MICROMAN E®	€
M10	1 - 10 µl	070089	N/A -
M25	3 - 25 µl	070090	N/A -
M50	20 - 50 µl	070091	N/A -
M100	10 - 100 µl	070092	N/A -
M250	50 - 250 µl	070093	N/A -
M1000	100 - 1000 µl	070094	N/A -

Capillary-Piston Assembly (CP)

- **Very high accuracy for difficult samples**
- **CP10 and CP100 models are autoclavable**
- **On rack and in bulk, depending on the model**
- **RNase, DNase, DNA, and protease free for sterile models**

Volume (µl)	Type	for Microman	Cat.No.	Sterile	on rack	Units/ box	€/ box
1 - 10	CP10	M10	066115	No	Yes	192	N/A -
	CP10	M10	066116	No	Yes	960	N/A -
	CP10ST	M10	066117	Yes	Yes	192	N/A -
	CP10ST	M10	066118	Yes	Yes	960	N/A -
3 - 25	CP25	M25	067494	No	Yes	960	N/A -
	CP25	M25	066119	No	No	200	N/A -
20 - 50	CP50	M50	067495	No	Yes	960	N/A -
	CP50	M50	066120	No	No	200	N/A -
10 - 100	CP100	M100	066121	No	Yes	192	N/A -
	CP100	M100	066122	No	Yes	960	N/A -
	CP100ST	M100	066123	Yes	Yes	192	N/A -
	CP100ST	M100	066124	Yes	Yes	960	N/A -
50 - 250	CP250	M250	067496	No	Yes	960	N/A -
	CP250	M250	066125	No	No	200	N/A -
100 - 1000	CP1000	M1000	066414	No	Yes	182	N/A -
	CP1000ST	M1000	066222	Yes	Yes	182	N/A -

Acura® capillar 846 positive displacement micropipette



- **Tapered shape, ergonomic finger rest**
- **Soft activation of the piston**
- **Reliable volume selection, each pipette has 5 easily selected fixed volumes**
- **Colour coding on pipette, plunger and capillary tube**
- **Stainless steel/PTFE piston**

Acura micropipette® capillar 846			Capillary tubes			Spare pistons		
Cat. No.	Volume (µl)	€	Cat. No.	Units/ box	€/ box	Cat.No	Units/ box	€/ box
061945	1-2-4-5	N/A -	061241	200	N/A -	061246	5	N/A -
061946	5-10-15-20-25	N/A -	061242	200	N/A -	061247	5	N/A -
061947	10-20-30-40-50	N/A -	061243	200	N/A -	061248	5	N/A -
061948	60-75-80-90-100	N/A -	061244	200	N/A -	061249	5	N/A -
061949	100-120-150-175-200	N/A -	061245	100	N/A -	061250	5	N/A -



Support

Cat. No.	Description	€
061257	Holder for 3 micropipettes	N/A -

Micropipette Multipette® M4 Eppendorf

Manual reagent dispenser using Combitips® Advanced syringes. For precise dispensing of all types of liquids without the risk of aerosol contamination.

- **Simple and error-free handling**
- **Automatic recognition of the Combitip with display of the selected volume**
- **Dispensing counter displayed on the screen**
- **Wide range of dispensing volumes with 9 Combitip sizes from 1 µl to 10 ml**
- **20 volume choices per Combitip: 112 volumes available**
- **Ejecting the Combitip using the dispensing trigger**
- **Volume selection with the thumb**
- **Optimized grip to fit all body types, suitable for both left and right handed users**
- **20% less weight than the Multipette® Plus**

Cat. No.	Description	€
933049	Multipette® M4 with holder (wall-mounted, for pipettes)	N/A -
933050	Multipette® M4 Starter Kit: Multipette® M4, Combitip Rack, Combitip, with holder (wall and/or carousel)	N/A -
933039	Eppendorf TrackIT includes software and an RFID reader	N/A -
045322	Battery for Multipette®	N/A -



Multipette® M4 with wall bracket

Micropipette Multipette® electronic E3 / E3x Eppendorf

Programmable, multi-functional, electronic positive displacement pipettes.
2 models:

- Multipette® E3: for standard applications (pipetting, dispensing and automatic dispensing)
- Multipette® E3x: in addition to standard applications, aspiration/dispensing, supernatant aspiration, titration, sequential dispensing

- **Positive displacement operation**
- **Application selection wheel, quick setting buttons for parameters**
- **Automatic volume display with automatic recognition of the Combitip® Advanced**
- **Over 2500 volumes available from 1 µl to 50 ml**
- **Ejection of the Combitip by separate button**
- **Supplied with charger, Li-ion battery and EN ISO 8655 certificate of conformity**
- **Memorization of 5 most common protocols**
- **Warranty: 2 years**





Cat. No.	Description	€
933170	Multipette® E3,with charger and assortment of Combitips® Advanced	N/A -
933171	Multipette® E3x,with charger and assortment of Combitips® Advanced	N/A -
933172	Multipette® E3, with charging rack 933911 and assortment of Combitips® Advanced	N/A -
933173	Multipette® E3x, with charging rack 933911 and assortment of Combitips® Advanced	N/A -

ViscoTip 10 ml Eppendorf

Specially designed for handling high viscosity liquids, such as glycerine 99.5%, Tween, oils, creams.

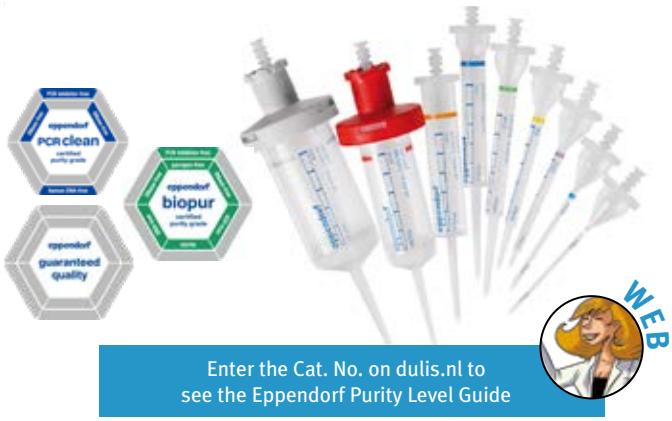
- **For liquids with a viscosity between 200 mPa.s and 14 000 mPa.s**
- **Volume: 10 ml**
- **Volume min/max: 10 - 10000 µl**
- **Colour coded: double Orange**

Cat. No.	Description	Units/ box	€/ box
934187	ViscoTip 10 ml Eppendorf	100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Combitips® Advanced Eppendorf



Enter the Cat. No. on dulis.nl to see the Eppendorf Purity Level Guide

Compatible with: Multipette® Plus 4980 and 4981, Multipette® Stream and Xstream, Multipette® Pro, EDOS 5222, Multipette® 4780.

Available in:

- standard quality per 4 bags of 25 pieces
- PCR clean per 4 bags of 25 pieces
- Biopur quality, individually blister-packed, guaranteed sterile, pyrogen-free, DNA-free, ATP-free and RNase-free
- Forensic DNA quality: ISO 18385 certified, free of human DNA, DNase, RNase and PCR inhibitor

- **9 sizes of Combitips® Advanced: volumetric range from 0.1 to 50 ml**
- **Colour coding for quick identification of the desired Combitips®, without errors**
- **Long, tapered tips: the 2.5 - 5 and 10 ml models reach the bottom of the tubes, allowing them to be emptied so that no sample is lost**
- **Practical: delivered in a package with a servant**
- **Option: Combitip Rack for one-handed operation**

Vol. (ml)	With Multipette® M4			With Multipette® E3 / E3X			Colour code	Combitips® Advanced							
								Standard		PCR Clean		Biopur		Forensic DNA	
	Volume Min/Max	Increment (µl)	Max. volume dispensed	Volume Min/Max	Increment (µl)	Max. volume dispensed		Cat.No	€/ 100 units	Cat.No	€/ 100 units	Cat.No	€/ 100 units	Cat.No	€/ 100 units
0.1	1 - 20 µl	1 µl	20 µl	1 - 100 µl	0.1 µl	0.1 ml	White	033082B	N/A -	035746	N/A -	033091B	N/A -	-	-
0.2	2 - 40 µl	2 µl	40 µl	2 - 200 µl	0.2 µl	0.2 ml	Light blue	033083B	N/A -	035747	N/A -	033092B	N/A -	-	-
0.5	5 - 100 µl	5 µl	100 µl	5 - 500 µl	0.5 µl	0.5 ml	Violet	033084B	N/A -	035748	N/A -	033093B	N/A -	-	-
1	10 - 200 µl	10 µl	200 µl	10 µl - 1 ml	1 µl	1 ml	Yellow	033085B	N/A -	035749	N/A -	033094B	N/A -	933920	N/A -
2.5	25 - 500 µl	25 µl	500 µl	25 µl - 2.5 ml	2.5 µl	2.5 ml	Green	033086B	N/A -	035750	N/A -	033095B	N/A -	933921	N/A -
5	50 - 1000 µl	50 µl	1000 µl	50 µl - 5 ml	5 µl	5 ml	Blue	033087B	N/A -	035751	N/A -	033096B	N/A -	933922	N/A -
10	100 - 2000 µl	100 µl	2000 µl	100 µl - 10 ml	10 µl	10 ml	Orange	033088B	N/A -	035752	N/A -	033097B	N/A -	-	-
25	250 - 5000 µl	250 µl	5000 µl	250 µl - 25 ml	25 µl	25 ml	Red	033089B	N/A -	035753	N/A -	033098B	N/A -	-	-
50	500 - 10000 µl	500 µl	10000 µl	500 µl - 50 ml	50 µl	50 ml	Grey	033090B	N/A -	035754	N/A -	033099B	N/A -	-	-



Packaging with dispenser

Accessories

Cat. No.	Description	Colour	Units/ box	€/ box
033100B	Combitips® Advanced Adapter 25 ml	Red	1	N/A -
033101B	Combitips® Advanced Adapter 50 ml	Light grey	1	N/A -
033102B	Combitips® Advanced Biopur Adapter 25 ml, sterile	Red	7	N/A -
033103B	Combitips® Advanced Biopur Adapter 50 ml, sterile	Light grey	7	N/A -
033106B	Combitip Rack with lid for 8 Combitips® Advanced from 0.1 to 10 ml		1	N/A -

Finnpipette Multistepper



8-channel pipette for repetitive delivery of reagents to microplates. Each tip has a capacity of 1500 µl, allowing distribution in rows of 8 wells of 24 x 50 µl, 12 x 100 µl, 8 x 150 µl, 6 x 200 µl or 5 x 250 µl.

- **Maximum volume: 1250 µl**
- **Increment: 50 µl**

Finntips 50 - 1500 µl Multistepper

Cat.No	Description	Units/ box	€/ box
047170	Finntips, in bulk	400	N/A -
047171	Finntips, in rack	10 x 96	N/A -
047172	Finntips, sterile on rack	10 x 96	N/A -

DISTRIMAN® Gilson

Positive displacement repetitive dispensing pipette.
Dispenses volumes from 1 µl to 1000 µl with three DistriTips syringes.

- **Up to 125 aliquots per DistriTips**
- **Without conversion table: simply display the volume of the Distritip and the volume to be delivered on the DISTRIMAN®**
- **DistriTips are free of RNase, DNase, DNA, RNA and proteases**
- **Standard or sterilised DistriTips in individual packaging**



DISTRIMAN® Gilson

Cat. No.	Description	€
066134	DISTRIMAN® Gilson	N/A -

DistriTips Gilson

Cat. No.	Model	Total volume	Sterilised	Dispensed volume	Units/ box	€/ box
066135	Micro	125 µl	No	1 µl to 12.5 µl	50	N/A -
066136	Mini	1250 µl	No	10 µl to 125 µl	50	N/A -
066137	Maxi	12.5 ml	No	100 µl to 1.25 ml	50	N/A -
066138	Micro	125 µl	Yes*	1 µl to 12.5 µl	50	N/A -
066139	Mini	1250 µl	Yes*	10 µl to 125 µl	50	N/A -
066140	Maxi	12.5 ml	Yes*	100 µl to 1.25 ml	50	N/A -

* Unit packaging

Adjustable repeating pipette Stepper 416

- **Dispenses up to 73 doses of volumes ranging from 10 µl to 5 ml without thumb input**
- **Adjustment knobs indicating the number of doses and the volume**
- **A locking mechanism prevents dispensing errors when the syringe is almost empty**
- **Supplied with three volumes of Ecosep syringes to cover the range from 10 µl to 5 ml**
- **Warranty: 2 years**



Cat. No.	Description	€
350413	Stepper 416 delivered with 3 colour coded selector buttons, adapter and sample Ecostep syringes	N/A -
061010	Transparent stand for Stepper	N/A -
061011	Extra adapters for red Ecostep syringe (5 units)	N/A -

Ecostep syringes

Endo-toxins · DNase RNase · Human DNA · Pyro-genic

Two presentations:
- Ecostep syringes in bulk, non-sterile;
- Ecostep syringes, sterile Bioproof™ certified free of human DNA, DNase, RNase and pyrogen (endotoxin) - individual certificate sent on request.

		In bulk		Sterile, individual packaging	
Volume	Knob colour	Cat. No.	€ the box of 100*	Cat. No.	€ the box of 50*
0.75 ml	Yellow	985184	N/A -	985185	N/A -
3.75 ml	Blue	985186	N/A -	985187	N/A -
37.5 ml	Red	985188	N/A -	985189	N/A -
0.75 / 3.7 and 37.5 ml	Yellow, blue and red	350352*	N/A -	350353*	N/A -

* Assortment of the 3 volumes - price for the box of 60.

All prices are indicative and exclude VAT. Visit www.dulis.nl

Dispenser Tips 3D



The 3D Dispenser Tips are used for repetitive dispensing of volumes between 10 µl and 5 ml and are perfectly suited to the Eppendorf Multipette 4780. They are available in six volumes: 0.5 ml, 1.25 ml, 2.5 ml, 5 ml, 12.5 ml, 25 ml and 50 ml, in sterile single pack or non-sterile versions. The 3D Dispenser Tips are made of polypropylene and are graduated.

Cat. No.	Volume (ml)	Sterile	Pack unit.	Units/ box	€/ box
070501	0.5	No	50	100	N/A -
070511	0.5	Yes	1	100	N/A -
070502	1.25	No	50	100	N/A -
070512	1.25	Yes	1	100	N/A -
070503	2.5	No	50	100	N/A -
070513	2.5	Yes	1	100	N/A -
070504	5	No	50	100	N/A -
070514	5	Yes	1	100	N/A -
070505	12.5	No	25	100	N/A -
070515	12.5	Yes	1	100	N/A -
070507	25	No	25	25	N/A -
070517	25	Yes	1	25	N/A -
070506	50	No	5	25	N/A -
070516	50	Yes	1	25	N/A -

Adapters

Cat. No.	Description	€
071386	Adapter 50 ml	N/A -



Enter the Cat. No. on www.dulis.be to find the correspondence table between the Dispenser Tips 3D and the Multipette 4780

Variable volume microdosing pipettes Acura® 865 Socorex



Microdosing pipettes for continuous dosing of microvolumes.

- Three-way valve for automatic liquid filling
- 3 models in a volume range from 5 to 2000 µl
- Fully autoclavable at 121 °C
- Serial number and individual calibration certificate
- Multiple power supply options (see accessories)
- Supplied with 90 cm silicone hose, foam cannula, valve cap, test certificate and instructions for use

Cat. No.	Volume (µl)	Division (µl)	€
061370	5 - 50	0.1	N/A -
061371	20 - 200	0.2	N/A -
061372	100 - 1000	1.0	N/A -

Find all the accesories on www.dulis.nl



Dispensing pipettes HandyStep® S et HandyStep® Touch

HandyStep® S

Positive displacement operation.
Supplied with quality certificate and wall mount.

➤ **Complies with the CE/IVD directive**

Cat. No.	Description	€
705100	HandyStep® S with wall braket	N/A -
091434	Wall bracket for HandyStep® S	N/A -

HandyStep® Touch and Touch S

2 versions:

- **HandyStep® Touch**: pipetting, multi-dispensing and automatic dispensing functions;
- **HandyStep® Touch S**: all functions of the HandyStep® Touch, as well as sequential dispensing, multi-suction and titration.

➤ **Touch screen with intuitive interface**

➤ **Automatic detection of DD-Tips II**

➤ **Automatic tip ejection**

➤ **Smooth surfaces without grooves or corners for easy cleaning**

➤ **Induction charging**

Cat. No.	Description	€
042443	Handystep® Touch complete	N/A -
042444	Handystep® Touch S complete	N/A -
090257	Handystep® Touch with charging rack	N/A -
090258	Handystep® Touch S with charging rack	N/A -
042445	Charging rack without power adapter	N/A -
042446	Support rack	N/A -
042447	Universal power adapter	N/A -
042448	Universal shelf and rack support	N/A -
042449	Spare battery	N/A -



Enter the reference on www.dulis.nl to find the volume selection guide for HandyStep® pipettes


HandyStep® S


HandyStep® Touch


HandyStep® TouchS


090257


Charging rack

HandyStep® DD-tips II Dispensing tips

	Non-sterile			BIO-CERT*		
Vol. (ml)	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
0.1	042450	100	N/A -	042460	100	N/A -
0.5	042451	100	N/A -	042461	100	N/A -
1	042452	100	N/A -	042462	100	N/A -
1.25	042453	100	N/A -	042463	100	N/A -
2.5	042454	100	N/A -	042464	100	N/A -
5	042455	100	N/A -	042465	100	N/A -
10	042456	100	N/A -	042466	100	N/A -
12.5	042457	100	N/A -	042467	100	N/A -
25	042458	50	N/A -	042468	25	N/A -
50	042459	25	N/A -	042469	25	N/A -

* Sterile, RNase free, DNA free, endotoxin free, ATP free

Cat.No	Description	€
042470	Set of 20 tips vol. 0.5 / 1 / 1.25 / 2.5 / 5 / 10 and 12.5 ml	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Dispensing pipette Corning® Step-R



- Repeater pipette suitable for pipetting and dispensing viscous or volatile liquids
- Wide range of dispensing volumes with 8 syringe sizes from 0.05 to 50 ml
- With visual display of dispensed volumes and syringe volumes on the pipette body
- Lightweight, convenient to use
- Robust, maintenance-free
- Available as a Starter Kit, with Corning® Step-R pipette, two adapters 25 and 50 ml, 5 syringes of volumes 0.05; 2.5; 5 and 12.5 ml, as well as 2 syringes of volumes 25 and 50 ml
- Requires the addition of an adapter for 25 and 50 ml syringes

Cat. No.	Description	€
004217	Corning® Step-R	N/A -
006636	Corning® Step-R Starter Kit	N/A -





Accessories

Cat. No.	Description	€
004218	Adapter for 25 ml syringe	N/A -
004219	Adapter for 50 ml syringe	N/A -



Syringes for Corning® Step-R

- Positive displacement polypropylene syringes
- Sterile syringes are certified free of DNase, RNase, pyrogens and ATP

	Non-sterile Syringes			Sterile syringes		
Vol. (ml)	Cat.No	Units/ box	€/ box	Cat.No	Units/ box	€/ box
0.05	006620	100	N/A -	006628	100	N/A -
0.5	006621	100	N/A -	006629	100	N/A -
1.25	006622	100	N/A -	006630	100	N/A -
2.5	006623	100	N/A -	006631	100	N/A -
5	006624	100	N/A -	006632	100	N/A -
12.5	006625	100	N/A -	006633	100	N/A -
25	006626	25	N/A -	006634	25	N/A -
50	006627	25	N/A -	006635	25	N/A -

Ripette®



Dispensing pipette for dispensing up to 48 doses from 1 µl to 5 ml. For use with Ritips®, Dispenser Tips and Combitips. Practical, comfortable, light (100 g).

- Easily adjustable dispensing volumes and doses (see table)
- Maintenance free
- Different colours

Cat.No	Description	€
070539	Ripette®	N/A -
070539P	Ripette® - Pink	N/A -
070539G	Ripette® - Grey	N/A -
070539B	Ripette® - Blue	N/A -



Ripette® Pro



- Convenient to use, improved ergonomics: good grip, lightweight
- With visual panel on the pipette showing all volumes to be dispensed according to the volume of the dispensing syringe
- Compatible with Ritips and other syringes
- Fits 12 sizes of dispensing syringes
- 10 sampling programs, 120 volume combinations per syringe
- Robust, maintenance-free

Cat.No	Description	€
070888	Ripette® Pro	N/A -

Enter the reference on www.dulis.nl to find the Ritips Selection Guide for the Ripette® Pro

Ritips® Evolution and Ritips® standard

- **Universal dosing tips**
- **Guarantee a safe and reproducible result**
- **Bioclean version: sterile, individually wrapped, free of pyrogens, ATP, RNase and DNA**



Ritips® Evolution

- Compatible with Ripette, Ripette pro, Ripette genX, eLine Dispenser, Multipette 4780, Multipette plus, Multipette M4, Minilab 100, Minilab 101, Minilab 201, Distriman, StepMate, EasyStep, EasyStep electronic, RepeatOne, Handrop, HandyStep, HandyStep S, HandyStep electronic
- The display remains inactive when used with the Multipette plus, Multipette M4

	Ritips® Evolution non sterile			Ritips® Evolution sterile		
Volume (ml)	**Cat.No**	**Units/ box**	**€/ box**	**Cat.No**	**Units/ box**	**€/ box**
0.1	**070520D**	100	**N/A -**	**070529B**	100	**N/A -**
0.2	**070521D**	100	**N/A -**	**070530B**	100	**N/A -**
0.5	**070522D**	100	**N/A -**	**070531B**	100	**N/A -**
1	**070523D**	100	**N/A -**	**070532B**	100	**N/A -**
2.5	**070524D**	100	**N/A -**	**070533B**	100	**N/A -**
5	**070525D**	100	**N/A -**	**070534B**	100	**N/A -**
10	**070526D**	100	**N/A -**	**070535B**	100	**N/A -**
25	**070527D**	25	**N/A -**	**070536B**	25	**N/A -**
50	**070528D**	25	**N/A -**	**070537B**	25	**N/A -**

Ritips® Evolution Adapters

Cat. No.	Description	€
071466	Adapter for Ritips® Evolution 25 ml	**N/A -**
071467	Adapter for Ritips® Evolution 50 ml	**N/A -**

Ritips® standard

- Compatible with Ripette®, Ripette® pro, Multipette 4780, eLine-Dispenser, Minilab 100, Minilab 101, Minilab 201, Distriman, Repetman, StepMate, EasyStep, EasyStep electronic, RepeatOne, Handrop.

	Ritips® standard, non sterile			Ritips® standard, sterile		
Volume (ml)	**Cat.No**	**Units/ box**	**€/ box**	**Cat.No**	**Units/ box**	**€/ box**
0.05	**070544B**	100	**N/A -**	**071387**	100	**N/A -**
0.5	**070545**	100	**N/A -**	**070552**	100	**N/A -**
1.25	**070546B**	100	**N/A -**	**070553B**	100	**N/A -**
2.5	**070547**	100	**N/A -**	**070554**	100	**N/A -**
5	**070548**	100	**N/A -**	**070555**	100	**N/A -**
12.5	**070549B**	100	**N/A -**	**070556B**	100	**N/A -**
25	**070560**	25	**N/A -**	**070557**	25	**N/A -**
50	**070551**	25	**N/A -**	**-**	-	**-**



Adapters for Ritips® standard

Cat. No.	Description	€
071386	Adapter for Ritips® standard 50 ml	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Benchtop One Touch Pipette controller 20 and 250 µl



- **Semi-automatic pipettor for 96 or 384 well plates (requires adapter to be ordered separately)**
- **For liquid transfer from 1 to 20 µl or 5 to 250 µl depending on the model**
- **Intuitive control with rotary knob to set function, volume and dispensing speed**
- **Function: suction, dispensing, mixing, recordable programs**
- **Platform to accommodate a rack of tips and 2 plates, easy transfer from one plate to another**
- **For use with One Touch tips**

Technical specifications

Weight (kg)	9.5
Operating temperature	10 - 37 °C
Model 10/20 µl	
Accuracy	‹ 3 % (5 to 20 µl); ‹ 5 % (1 to 5 µl)
Uncertainty	+/- 3 % (5 to 20 µl); +/- 3 % (1 to 5 µl)
Resolution	0.1 or 1 µl en using the adjustment knob
Volume range	1 µl - 20 µl
Dimensions W x L x H (cm)	21.6 x 45.7 x 43.2
Model 250 µl	
Accuracy	‹ 2 % (25 to 250 µl); ‹ 5 % (5 to 20 µl)
Uncertainty	+/- 3 % (25 to 250 µl); +/- 5 % (5 to 20 µl)
Resolution	1 or 5 µl en using the adjustment knob
Volume range	5 µl - 250 µl
Dimensions W x L x H (cm)	21.6 x 45.7 x 43.2

One Touch bi-component tips on plastic rack

Cat. No.	Description	Compatible with pipettor	€ the 10 x 96
010330	One Touch Tip 330 µl, non sterile	250 µl	**N/A -**
010340	One Touch Tip 330 µl, sterile	250 µl	**N/A -**
010350	One Touch Tip 300 µl, sterile, with filter	250 µl	**N/A -**
010300	One Touch Tip 10/20 µl, non sterile	10/20 µl	**N/A -**
010310	One Touch Tip 10/20 µl, sterile	10/20 µl	**N/A -**
010320	One Touch Tip 10/20 µl, sterile, with filter	10/20 µl	**N/A -**

Cat. No.	Description	€
014903	Pipettor Benchtop Mµlti 10/20 µl	**N/A -**
014901	Pipettor Benchtop Mµlti 250 µl	**N/A -**

Accessory

Cat. No.	Description	€
014905	Tray for use with 384-well plate	**N/A -**

96-channel Benchtop Pipettor Liquidator 96™

RAININ
Pipetting 360°



Innovative benchtop manual pipetting system that allows 96 samples to be processed at once and provides 4 positions for continuous use.

- **Flexible operation**
- **No programming**
- **Immediate results**
- **Unique manual pipetting system for medium to high flow applications**
- **Minimal space requirement, compatible with any bench top or laminar flow hood**
- **Compatibility with 96-well and 384-well plates**

Technical specifications

Volume range	5 to 200 µl, 1 µl increments
Immersion depth	Adjustable for each position
Small footprint	0.25 m²
Weight	14 kg
Dimensions	38 x 41 x 33 cm

Cat. No.	Description	€
712821	Manual pipettor Liquidator 96™ 0.5 to 20 µl	**N/A -**
712152	Manual pipettor Liquidator 96™ 5 to 200 µl	**N/A -**
712149	Height adjustment rods	**N/A -**
712154	Adapter for 384-well plate	**N/A -**

Tips for Liquidator

		Tips for Liquidator standard version						Tips for Liquidator Low retention version					
		Rack with removable lid		Rack with removable sterile lid		With filter, rack with removable sterile lid		Rack with removable sterile lid		With filter, rack with removable sterile lid		SpaceSaver	
Vol.	**Units/ box**	**Cat.No**	**€/ box**	**Cat.No**	**€/ box**	**Cat.No**	**€/ box**	**Cat.No**	**€/ box**	**Cat.No**	**€/ box**	**Cat.No**	**€/ box**
20 µl	10 x 96	**17011185**	**N/A -**	**712899**	**N/A -**	-	-	**712364**	**N/A -**	**712365**	**N/A -**	**712368**	**N/A -**
200 µl	10 x 96	**712146**	**N/A -**	**712147**	**N/A -**	**712148**	**N/A -**	**712366**	**N/A -**	**712367**	**N/A -**	**712369**	**N/A -**

EpMotion® 96 and 96XL

- **Semi-automated pipettor for all types of 96 and 384 well plates**
- **Automatic recognition of EpTIPS Motion tips available with or without filter**
- **Minimum space requirement**
- **Downloadable programming and control software**
- **10 predefined and configurable methods**

- **Standard model:** 0.5 µl to 300 µl available in 1 or 2 positions
- **Model XL:** 5 µl to 1000 µl available in 1 or 2 positions



	96		96XL	
Number of positions	1	2	1	2
Cat. No.	**999506**	**933947**	**933948**	**933949**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

EpTIPS Motion tips

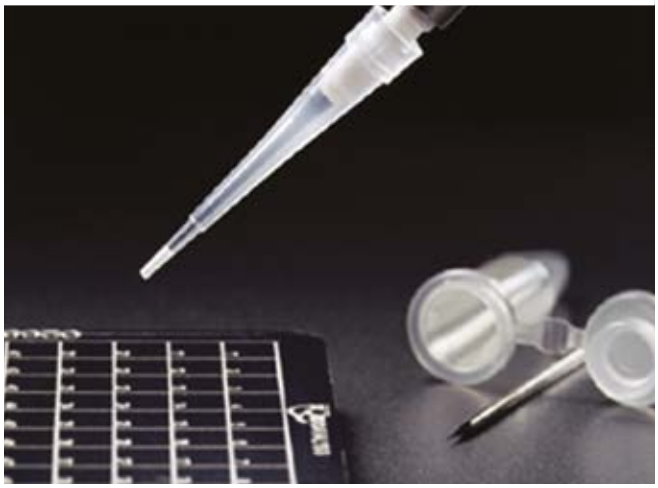
Cat. No.	Volume (µl)	Sterile	Filter	PCR clean	Units/ box	€/ box
999513	1 - 50	No	Yes	Yes	24 x 96	**N/A -**
999516	20 - 300	No	Yes	Yes	24 x 96	**N/A -**
999514	20 - 300	No	No	No	24 x 96	**N/A -**
933223	40 - 1000	No	Yes	Yes	24 x 96	**N/A -**
933222	40 - 1000	No	No	No	24 x 96	**N/A -**

Accessories

Cat. No.	Description	€
933951	195 ml PCR Clean tank with low dead volume	**N/A -**
933952	2-position slider upgrade kit for EpMotion 96	**N/A -**

ZipTip pipette tips

For the concentration and purification of biological samples
The ZipTip unit is a 10 µl pipette tip with a bed of chromatographic media of approximately 0.6 µl attached to the end. It is ideal for concentrating, desalting and fractionating protein, peptide and oligonucleotide samples prior to mass spectrometry, HPLC, capillary electrophoresis and other analytical techniques.

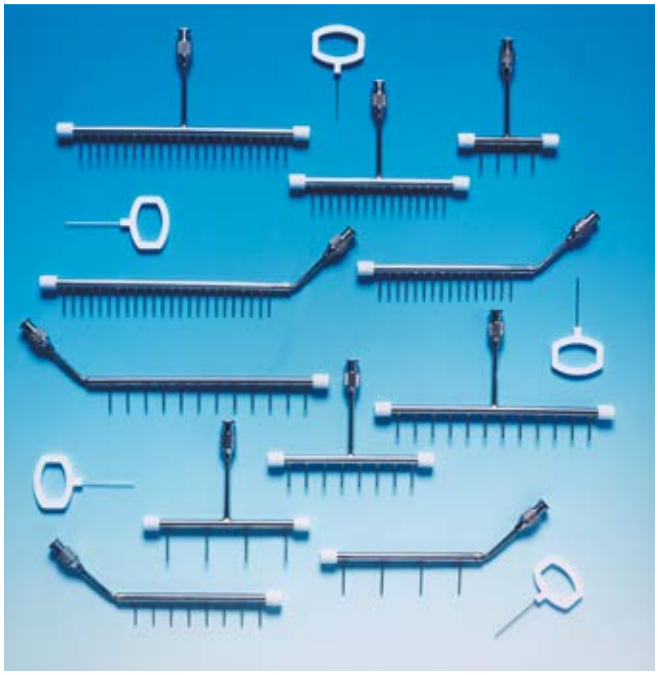


Several resins are available depending on your application:
- C18/µ-C18:
  - desalting and concentration of peptides, proteins or oligonucleotides
  - fractionation of complex mixtures of proteins or peptides
- C4: desalting and protein concentration.
- SCX - cation exchange:
  - purification of peptides
  - removal of detergents

Box with	8	96	960
C18	**051168**	**051177**	**051182**
µ-C18	**051169**	**051178**	**051275**
C4	**051170**	**051465**	**051183**
€/box	**N/A -**	**N/A -**	**N/A -**
SCX	**051468**	**051368**	**-**
€/box	**N/A -**	**N/A -**	**-**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Manifold rakes for microplates



Made of stainless steel and Teflon, these microplate dispensing rakes are inert and autoclavable.

- For suction and dispensing
- Luer Lock Connection
- Supplied with a cleaning tool
- Tips ext. ø x int. ø: 0.8 x 0.4 mm

Cat.No	Form	No. of Tips	For plates	Tip space - Tip (mm)	Length Tip (mm)	€
075028	Right	4	96 well	9	11	N/A -
075029	Right	8	96 well	9	11	N/A -
075030	Curved	8	96 puits	9	11	N/A -
075031	Right	12	96 well	9	11	N/A -
075032	Right	4	24 well	20	17.5	N/A -
075033	Curved	4	24 puits	20	17.5	N/A -
075034	Curved	12	96 puits	9	11	N/A -
075035	Right	24	384 well	4.5	11	N/A -
075036	Right	16	384 well	4.5	11	N/A -
075037	Curved	24	384 puits	4.5	11	N/A -
075038	Curved	16	384 puits	4.5	11	N/A -
075039	Cap for tip	-	-	-	-	N/A -

Drummond calibrated micropipettes - High precision



These highly accurate, flame-polished glass capillaries are rigorously calibrated to within ± 0.5%.
In a box of 250, with a suction hose.

- Colour code
- Printed volume
- Gauge line

Suction tube

Cat. No.	Description	€
075056	Suction tube (38 cm)	N/A -

Volume (µl)	5	10	20	25	30	40	44.7
Colour code	White	Orange	Black	Double white	Double Black	Yellow	Purple / blue
Cat. No.	**075043**	**075044**	**075045**	**075046**	**075047**	**075048**	**075049**
€/ box with 250 units	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Volume (µl)	50	75	100	200	100/200	Graduated 1 to 5
Colour code	Green	Violet	Blue	Red	Red	White
Cat No.	**075050**	**075055**	**075057**	**075052**	**075053**	**075054**
€/ The box with 250	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Calibrated capillary micropipettes Ringcaps Hirschmann



- In Duran glass
- Calibrated, colour-coded
- Certificate of conformity
- ISO 755, CE according to IVD 98/79 EG

Cat.No	Mark	Volume (µl)	Units/ box	€/ box	Cat.No	Mark	Volume (µl)	Units/ box	€/ box
090511	5	1 to 5	250	N/A -	-	-	-	-	-
090512	1	10	250	N/A -	090519	1	200	100	N/A -
090513	1	20	250	N/A -	090520	2	5 + 10	250	N/A -
090514	1	25	250	N/A -	090521	2	20 + 40	250	N/A -
090515	1	40	250	N/A -	090522	2	50 + 100	250	N/A -
090516	1	44.7	250	N/A -	090523	2	100 + 200	100	N/A -
090517	1	50	250	N/A -	090524*	1	44.7	250	N/A -

* Heparinized version

Drummond Microcaps

Micropipette-capillaries with total capacity calibrated from end to end by a defined volume.

- **High accuracy (± 1%)**
- **Single use**
- **Borosilicate glass**



Pear - silicone tip

Cat. No.	Description	Units/ box	€/ box
075180	Pear and tube holder for microcaps	1	**N/A -**
075181	Silicone capillary end	3	**N/A -**

Microcaps

Volume (µl)	0.1	0.25	0.5	1	2	3	3.33
Length (mm)	16	32	32	32	32	32	36
Out. ø x Inn. ø (mm)	0.53 x 0.09	0.53 x 0.09	0.56 x 0.14	0.64 x 0.20	0.76 x 0.28	0.84 x 0.35	0.86 x 0.34
Cat. No.	**075069**	**075070**	**075071**	**075072**	**075073**	**075074**	**075075**
€/ the box with 100	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Volume (µl)	4	5	6	6.66	7	8	9
Length (mm)	32	32	38	42	45	44	49
Out. ø x Inn. ø (mm)	0.84 x 0.4	0.93 x 0.44	0.9 x 0.45	0.86 x 0.34	0.9 x 0.45	0.9 x 42	0.9 x 0.48
Cat. No.	**075076**	**075077**	**075078**	**075110**	**075079**	**075080**	**075081**
€/ the box with 100	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Volume (µl)	10	15	20	25	30	35	40
Length (mm)	41	54	64	65	78	70	46
Out. ø x Inn. ø (mm)	0.8 x 0.56	0.86 x 0.6	0.9 x 0.63	0.97 x 0.70	0.97 x 0.70	1 x 0.8	1.4 x 1
Cat. No.	**075082**	**075083**	**075084**	**075085**	**075086**	**075087**	**075088**
€/ the box with 100	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Volume (µl)	44.7	50	75	80	100	200	
Length (mm)	52	100	101	91	116	127	
Out. ø x Inn. ø (mm)	1.4 x 1	1.1 x 0.8	1.3 x 0.9	1.4 x 1	1.4 x 1	1.9 x 1.5	
Cat. No.	**075089**	**075090**	**075091**	**075092**	**075094**	**075095**	
€/ the box with 100	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	

Capillaries with other volumes are available on request.

Hematocrit tubes

Glass hematocrit tubes

- **Glass capillary hematocrit tubes**
- **Colour code**
- **High precision capillary**
- **Length: 75 mm or 100 mm**
- **With or without heparin**



Cat. No.	Description	Colour code	Length (mm)	Out. ø (mm)	Inn. ø (mm)	Approximate Volume (µl)	Pack. unit	€/ pack. unit
090525	Hematocrit tube	Blue	75	1.3 - 1.4	0.9 - 1	60	10 x 100	**N/A -**
090526	Hematocrit tube	Blue	75	1.5 - 1.6	1.1 - 1.2	75	10 x 100	**N/A -**
090527	Sodium Heparin Hematocrit Tube	Red	75	1.3 - 1.4	0.9 - 1	60	10 x 100	**N/A -**
090528	Sodium Heparin Hematocrit Tube	Red	75	1.5 - 1.6	1.1 - 1.2	75	10 x 100	**N/A -**
090529	Sodium Heparin Hematocrit Tube	Without	100	1.5 - 1.6	1.1 - 1.2	100	10 x 100	**N/A -**
090530	Ammonium Heparin Hematocrit Tube	Green	75	1.3 - 1.4	0.5 - 0.6	18	10 x 100	**N/A -**
090531	Wax plate						3	**N/A -**

Plastic hematocrit tubes 75 mm

Capillary tube made of polycarbonate Plasticrit with a precision comparable to glass. No risk of breakage. These capillaries meet FDA and CDC standards.

Cat. No.	Description	Units/ box	€/ box
075127	Polycarbonate hematocrit tube 75 mm	200	**N/A -**
075128	Heparinised polycarbonate haematocrit tube 75 mm	200	**N/A -**

Hemato-Clad Mylar coated glass hematocrit tubes

Glass tube coated with a plasticizer, Mylar.
Protects the user from glass fragments and aerosols in case of breakage.

Cat. No.	Description	Units/ box	€/ box
075129	Mylar hematocrit tube 75 mm	200	**N/A -**
075130	Mylar heparinized hematocrit tube 75 mm	200	**N/A -**

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Nanoject Drummond microinjectors





Micropipette for injection of nano-volumes.

For electrophysiology, stereotaxis and animal injection.

Equipped with a high-precision positive displacement motor, the Nanoject II micropipette ensures repeatable and accurate dispensing volumes using capillaries.
Nanoject III is programmable for injection volume, speed, number of injections and interval between injections.

Both Nanojects are delivered complete with:
- the injection micropipette;
- the electronic control box;
- 1 capillary box L = 8.8 mm;
- 1 capillary box L = 17.7 mm;
- 1 x 30G needle for capillary filling;
- nanoject universal mounting adapter
- maintenance accessories.

The micromanipulator must be ordered separately.

	Nanoject II	Nanoject III
Range of volumes (nanolitres)	2.3 - 69	0.06 - 999.9
Injection speed (nanolitres/sec)	23 - 46	10 - 200
Programmable	No	8 configurable
O-Ring	3	No
Cat. No.	**075058**	**075250**
€	**N/A -**	**N/A -**

Accessories

Cat. No.	Description	€
075059	Capillary L = 8.8 cm	**N/A -**
075060	Capillary L = 17.7 cm	**N/A -**
075062	Needle 30G	**N/A -**
075063	Optional foot switch for Nanoject II	**N/A -**
075251	Optional foot switch for Nanoject III	**N/A -**

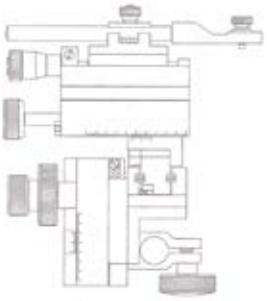


Micromanipulator

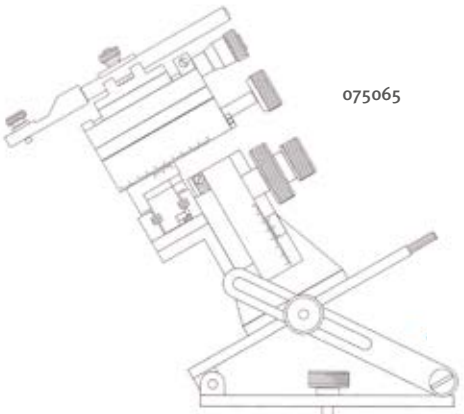
Micromanipulator adapted to the use of the Nanoject II, with micrometric screw adjustment (1/100th mm).
- X-axis: 37 mm stroke
- Y-axis: 20 mm stroke
- Z axis: 25 mm stroke

It can be mounted on a tilting base or a fixed stand (see diagram).
L x W: 130 x 60 mm.

Cat. No.	Description	€
075064	Micromanipulator (left-hand position)	**N/A -**
075065	Micromanipulator (right-hand position)	**N/A -**
075067	Nanoject Universal Mounting Adapter	**N/A -**
075068	Fix holder with rods	**N/A -**



075064



075065

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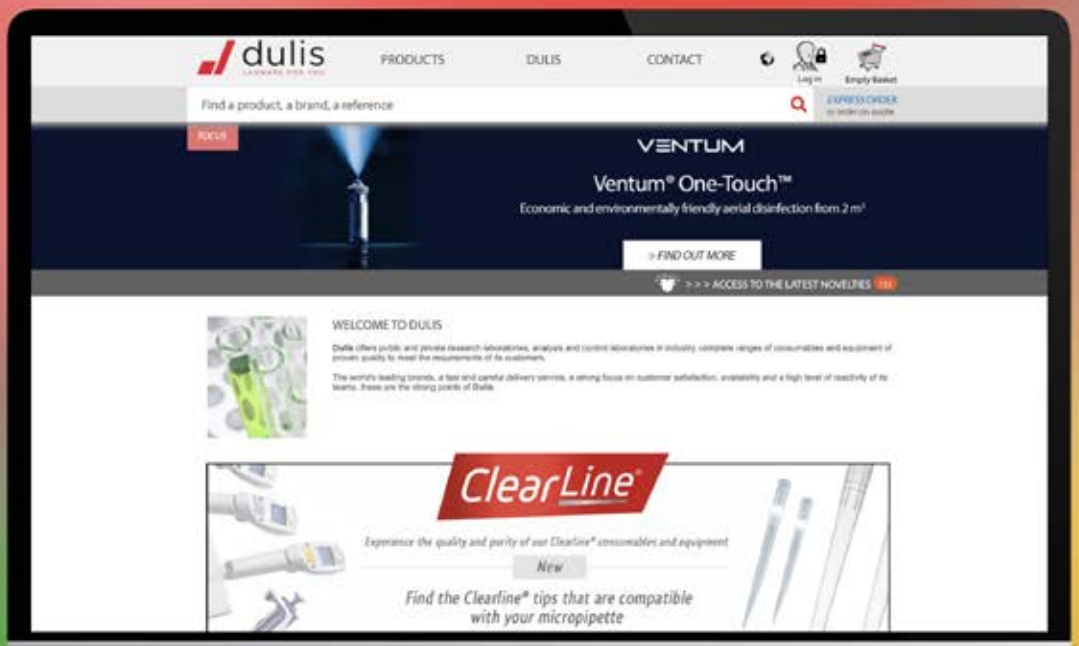
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AN EXTRAORDINARY ADVENTURE



MEDIA, MICROBIOLOGY AND REAGENTS

• Microbiology	565 à 577
• Media and products	578 to 589
• Broths, peptone water and agars, other media and ingredients	590 to 593
• Histology, dyes, decolorants, paraffin, reagents	594 and 595
• Chemicals	596 to 608

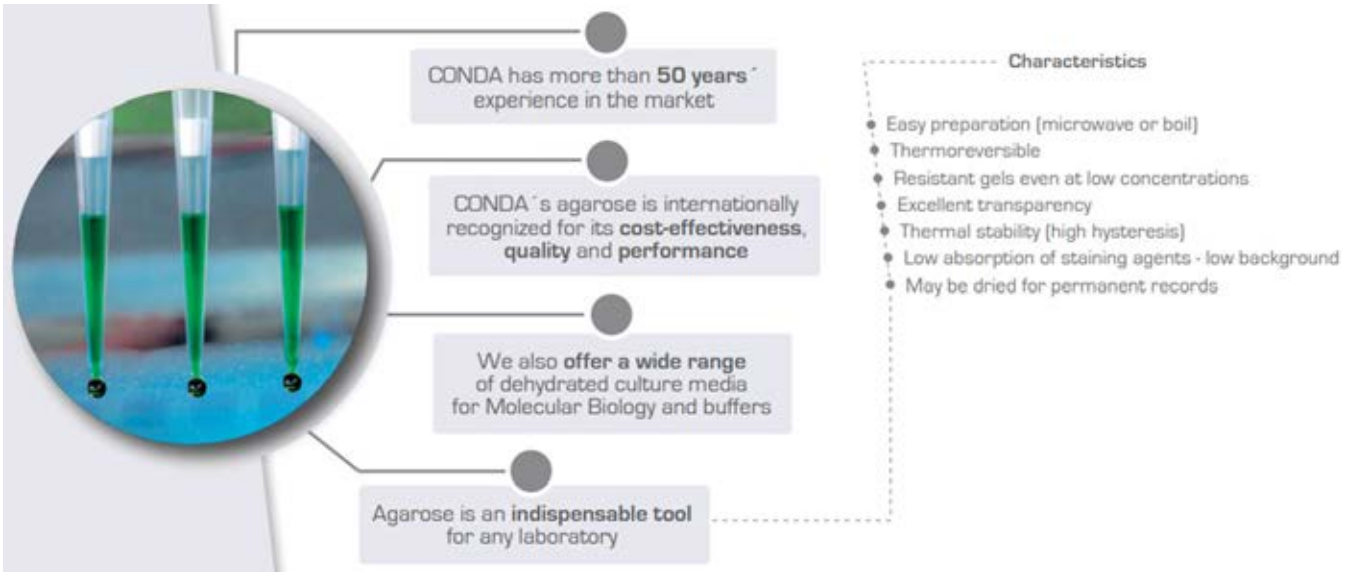
Culture media (dehydrated and PAE)



Founded in 1960, Condalab has become the leading Spanish producer of dehydrated culture media for microbiology and molecular biology.

Through quality design and manufacture and sound technical expertise, Condalab now has an international presence in the laboratory. Strict controls during the production process ensure that the final product is of the highest quality and meets your performance requirements. Condalab supplies key ingredients for use in research, microbiology and quality control laboratories, such as agar, peptone and agarose, among other products.

DULIS offers a wide range of agaroses as well as media and products for bacteriology, cloning and expression in molecular biology, in compliance with the European Pharmacopoeia (Eu. Pharm.), FDA, APHA, USP, AOAC and CeNAN, European Community (EC) stamped and ISO 9001:2000 certified.



"Our mission is to make a major contribution to the life sciences through the design, production and delivery of products and services of the highest quality. Condalab's efforts are focused on improving efficiency, responsiveness and competitiveness in order to achieve our primary goal of providing world-class customer satisfaction. »



All prices are indicative and exclude VAT. Visit www.dulis.nl

Acetate differential agar

See Acetate differential agar

Actinomycede isolation agar glycerol

See actinomycete isolation agar

American bacteriological agar

Gelling agent for culture media.

- **Storage: 2 - 25 °C**
- **Gel strength: 600 - 850 g/cm²**

Cat. No.	Description	Pack.	€
777475	American bacteriological agar - Condalab	500 g	N/A -

European bacteriological agar

Gelling agent for culture media.

- **Storage: 2 - 25 °C**
- **Gel strength: 600 - 1100 g/cm²**

Cat. No.	Description	Pack.	€
777476	European bacteriological agar Condalab	500 g	N/A -
777525	Condalab European bacteriological agar	5 kg	N/A -

Industrial agar

Gelling agent for culture media.

- **Storage: 2 - 25 °C**
- **Gel strength: ‹ 850 g/cm²**

Cat. No.	Description	Pack.	€
777477	Condalab Industrial Agar	500 g	N/A -

Agar LB (Lennox)

See LB agar

Agar Luria

See Luria agar

Pharmaceutical agar

Gelling agent for culture media.

- **Storage: 2 - 25 °C**
- **Gel strength: 750 - 1000 g/cm²**

Cat. No.	Description	Pack.	€
777479	Condalab Pharmaceutical Agar	500 g	N/A -

Purified agar

Gelling agent for culture media.

- **Storage: 2 - 25 °C**
- **Gel strength: 700 - 1200 g/cm²**

Cat. No.	Description	Pack.	€
777480	Condalab Purified agar	500 g	N/A -

Agar for plant propagation

Gelling agent for culture media.

- **Storage: 2 - 25 °C**
- **Gel strength: › 900 g/cm²**

Cat. No.	Description	Pack.	€
777478	Agar for plant propagation - Condalab	500 g	N/A -

Agar YPD

See YPD agar

Anaerobic agar

See Anaerobic agar

Bacillus cereus (selective agar)

See mossel (Bacillus cereus agar)

Baird-Parker

Recommended for the detection and enumeration of coagulase-positive staphylococci, including Stapylococcus aureus in food.

- **Storage: 2 - 25 °C (for dehydrated media) and 2 - 8 °C (for ready-to-use media)**
- **Incubation: 35 ± 2 °C for 24 - 48 h**
- **Incubation for ISO 11133: 37 ± 1 °C for 24 ± 2 h then 24 ± 2 h more**

Dehydrated bases

Cat. No.	Description	Pack.	€
777184	Baird-Parker agar dehydrated medium - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693396	ClearLine® Baird-Parker Agar - Flask 90 ml	10	N/A -
693350	ClearLine® Baird-Parker Agar - Flask 100 ml	10	N/A -

Supplement: egg yolk with tellurite (ISO 6888-1)

- **Storage 8 - 14 °C**

Composition:

Potassium tellurite	2.1 g	Sodium chloride	4.25 g
Egg yolk	200 ml	Distilled water	800 ml

Cat. No.	Description	Pack.	€
777800	Egg yolk 100 ml bottle - Condalab	1	N/A -

Supplement: RPF (ISO 6888-2)

- **Storage: 8 - 14 °C**

Composition:

Potassium tellurite	2.5 mg	Trypsin	2.5 mg
Rabbit plasma	2.5 ml	Bovine fibrogen	0.38 g

Cat. No.	Description	Pack.	€
777523	RPF Supplement - Condalab	10 bottles	N/A -

Nitrogen base for amino acid-free yeast

For the classification of yeasts according to their amino acid and carbohydrate requirements.

- **Storage: 2 - 25 °C**
- **Incubation: 25 - 30 °C for 2 - 5 days**

Cat. No.	Description	Pack.	€
777508	Dehydrated nitrogen-based medium for amino acid-free yeast - Condalab	500 g	N/A -

B.C.P. -Bromocresol Purple Lactose Agar - ISO 21528

Differential medium to guide the identification of lactose-fermenting and non-lactose-fermenting Enterobacteriaceae.

- **Storage: 2 - 25 °C (Dehydrated medium and ready-to-use medium)**
- **Incubation: 35 ± 2 °C for 18 to 24 h**

Dehydrated medium

Cat. No.	Description	Pack.	€
777186	Dehydrated medium for B.C.P. lactose agar - Condalab	500 g	N/A -

Ready to use

Cat. No.	Description	Pack.	€
693351	100 ml bottle for Bromocresol Purple Lactose Agar - ClearLine®	10	N/A -

B.E.A - Bile esculin azide (agar) ISO 7899-2

For the selective isolation and identification of enterococci by the membrane filtration method.

- **Storage 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 36 ± 2° C for 44 ± 4 h**



Dehydrated base

Cat. No.	Description	Pack.	€
777191	Dehydrated medium for B.E.A. agar (bile esculine azide agar) - ISO 7899-2 - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693352	100 ml bottle of B.E.A. agar (bile esculin azide agar) - ISO 7899-2 - ClearLine®	10	N/A -

B.E.A - Bile esculin azide (agar) ISO 10273

For the isolation and identification of enterococci and the study of esculin fermentation by Yersinia.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 18 - 24 h**
- **For the detection of Yersinia enterocolitica according to ISO 10273: 30 °C for 24 h**



Cat. No.	Description	Pack.	€
777189	Dehydrated medium for B.E.A. agar (bile esculin azide agar) - ISO 10273 - Condalab	500 g	N/A -

B.L.B.V.B. - Milky Broth, Bright Green 2 %

For the detection of coliforms in water and food

- **Storage 2 - 8 °C**
- **Incubation: 30 - 37 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777201	Dehydrated medium broth, bright green 2% - Condalab	500 g	N/A -

Blood agar

See Blood agar

EE Broth

See mossel Broth

Heart and brain broth

See heart brain broth

Eugon LT100 broth

See eugon LT100

Broth for yeast and mould

See Yeast Mold broth

Buffered sLB broth

See sLB broth

Terrific broth

Used with glycerol for the culture of recombinant strains of Escherichia coli. For Molecular biology.

- **Storage: 2 - 25 °C**
- **Incubation: 30 °C ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777505	Dehydrated medium Terrific broth - Condalab	500 g	N/A -

Bryant Burkey with resazurin (broth)

- **Storage: 2 - 25 °C**
- **Incubation: 37 ± 2 °C for 7 days**

Cat. No.	Description	Pack.	€
777207	Bryant Burkey dehydrated broth medium with resazurin - Condalab	500 g	N/A -

Supplement

- **Addition of 10 ml of sodium lactate 50%**

Cat. No.	Description	€
143307.1211-ITW	Sodium Lactate 50% - 1 litre bottle	N/A -

Campylobacter (agar) - ISO 10272 / ISO 11133

For the isolation of Campylobacter jejuni, Campylobacter coli and Campylobacter laridis.

- **Storage: 8 - 25 °C**
- **Incubation: 41.5 °C in a microaerobic atmosphere during 44 ± 4 h**

Cat. No.	Description	Pack.	€
777213	Dehydrated medium for Campylobacter agar - Condalab	500 g	N/A -

Supplement

- **ISO 10272**
- **To be reconstituted in 5 ml sterile distilled water**

Cat. No.	Description	Pack.	€
777776	Supplement for Campylobacter agar - Condalab	10 vials for 500 ml	N/A -

CCA (Chromogenic coliform agar)

See E coli - coliform

All prices are indicative and exclude VAT. Visit www.dulis.nl

Cetrimide (agar)

For the isolation and presumptive identification of Pseudomonas aeruginosa. Cetrimide is a quaternary ammonium that inhibits the growth of most other bacterial species. Pseudomonas aeruginosa stains this medium blue-green by producing pyocyanin.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 35 °C ± 2 °C for 18 - 24 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777217	Dehydrated ketrimide agar medium - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693319	100 ml bottle of ketrimide agar - ClearLine®	10	N/A -

Chapman (agar)

For the isolation of pathogenic Staphylococci which give yellow colonies by fermentation of mannitol and phenol red virage. Its high sodium chloride content inhibits the growth of most other species.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777307	Dehydrated medium for Chapman agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
993988	100 ml bottle of Chapman Agar - ClearLine®	10	N/A -
778495	100 ml bottle of Chapman Agar - Condalab	150	N/A -
693444	200 ml bottle of Chapman Agar - ClearLine®	6	N/A -

Chapman stone (agar)

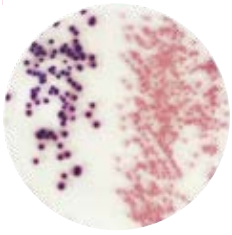


For the isolation of Staphylococci in food. It contains ammonium sulphate to detect gelatinase activity (Stone's reaction).

- **Storage: 2 - 25 °C**
- **Incubation: 30 ± 2 °C for 18 - 48 h**

Cat. No.	Description	Pack.	€
777218	Chapman stone agar dehydrated medium - Condalab	500 g	N/A -

E. coli - Coliform (chromogenic agar) - Chromogenic coliform agar (CCA)



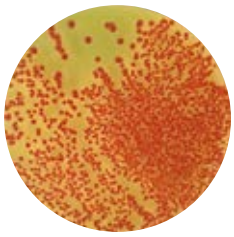
Medium for the detection of E.coli and coliforms in the water industry according to ISO 9308 and ISO 11133.

- **Storage: 2 - 25 °C**
- **Incubation: 36 °C ± 2 °C for 21 ± 3 h**

E.coli: dark blue to purple colonies
Total coliforms: salmon-red colonies + other colonies

Cat. No.	Description	Pack.	€
778391	Chromogenic agar medium for E.coli and coliform detection - Condalab	500 g	N/A -

Chapman TTC (lactose agar with tergitol 7)



For the detection and enumeration of Escherichia coli and coliforms in water by the membrane filtration technique.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 36 ± 2 °C and 44 ± 4 °C for 21 ± 3 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777425	Dehydrated medium for Chapman TTC agar - Condalab	500 g	N/A -

Supplement

- **1% TTC (to be reconstituted in 5 ml of sterile distilled water)**

Cat. No.	Description	Pack.	€
777802	Supplement TTC 1 %	10 vials for 500 ml	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693327	100 ml bottle of Tergitol 7 agar - ClearLine®	10	N/A -

Brain heart (broth) (Brain heart Infusion)

Rich medium used for the cultivation of demanding germs. Its use is recommended for the detection of Staphylococcus aureus in food.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 35 °C - 37 °C for 24 - 48 h**

Dehydrated bases

Cat. No.	Description	Pack.	€
777824	Dehydrated medium heart brain broth according to ISO 6888 / 11133 - Condalab	500 g	N/A -
777197	Dehydrated medium heart and brain broth - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693353	100 ml bottle of heart and brain broth ISO 6888 - ClearLine®	10	N/A -

Brain heart (agar)

Rich medium used for the cultivation of demanding germs. Its use is recommended for the detection of Staphylococcus aureus in food.

- **Storage: 2 - 25 °C**
- **Incubation: 35 °C ± 2 °C, under atmosphere 5-10 % CO2 for 24 - 72 h**

Cat. No.	Description	Pack.	€
777196	Dehydrated Medium Brain Heart Agar - Condalab	500 g	N/A -

DG18

See DG18 agar

Columbia (agar)

For the detection of slow growing germs. Can be used with or without the addition of blood.

➤**Storage: 2 - 25 °C (dehydrated medium and ready-to-use medium)**

➤**Incubation: 35 °C ± 2 °C, under atmosphere 5-10 % CO_2 for 48 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777223	Columbia dehydrated medium USP / ISO 10272 / ISO 11133 / European Pharmacopoeia - Condalab	500 g	N/A -

Supplements

Cat. No.	Description	Pack.	€
777795	Selective supplement for isolation of Neisseria and Haemophilus - Condalab	5 x 2 bottles	N/A -
777528	Selective supplement CNV (Vancomycin/ Colistin/Nystatin) for Neisseria spp isolation - Condalab	10 bottles	N/A -
777804	Selective supplement CNT (Vancomycin/ Colistin/Nystatin/Trimethoprim) for Neisseria isolation - Condalab	10 bottles	N/A -
777803	Selective supplement VCAT (Vancomycin/ Colistin/Namphotericin/Trimethoprim) for Neisseria isolation - Condalab	10 bottles	N/A -
777778	Selective supplement CNA (Colistin/Nalidixic Acid) for the isolation of staphylococci, streptococci and penumococci - Condalab	10 bottles	N/A -
777769B	Selective supplement for the isolation of Brucella spp - Condalab	30 bottles	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693354	Columbia Agar - ClearLine® - 100 ml bottle	10	N/A -

D/E (Dey-Engley) Neutralizing Broth

For the determination of antiseptics and disinfectants.

➤**Storage: 2 - 8 °C**

➤**Incubation: 37 °C for 48 h**

Cat. No.	Description	Pack.	€
693397	90 ml bottle of D/E Neutralizing Broth - ClearLine®	10	N/A -
693355	100 ml bottle of D/E Neutralizing Broth - ClearLine®	10	N/A -

Thinner pH 7

For multiple flora detection.

➤**Storage: 2 - 25 °C**

Cat. No.	Description	Pack.	€
693426	9 ml tube of pH 7 thinner - ClearLine®	100	N/A -

Thinner pH 7 with neutralizer

For multiple flora detection.

➤**Storage: 2 - 25 °C**

Cat.No.	Description	Pack.	€
693427	Thinner in 9ml tube, pH 7 with neutralizer - ClearLine®	100	N/A -
693446	Thinner in 200 ml bottle, pH 7 with neutralizer - ClearLine®	6	N/A -
693442	Thinner in 300 ml bottle, pH 7 with neutralizer - ClearLine®	4	N/A -

Thinner pH 7 with Tween 80 (1%)

For multiple flora detection. The addition of Tween 80 allows for neutralisation and better homogenisation of certain preparations.

➤**Storage: 2 - 25 °C**

Cat.No.	Description	Pack.	€
693309	Thinner in 9 ml tube, pH 7 with Tween 80 (1%) - ClearLine®	100	N/A -
693398	Thinner in 90 ml bottle, pH 7 with Tween 80 (1%) - ClearLine®	10	N/A -
693359	Thinner in 100 ml bottle, pH 7 with Tween 80 (1%) - ClearLine®	10	N/A -

DRBC (Agar) - Dichloran Rose Bengal Chloramphenicol

Recommended for the detection and enumeration of yeasts and moulds in food and feed products with an aw › 0.95.

➤**Storage: 2 - 8 °C**

➤**Incubation: 25 °C for 2-5 days**

Cat. No.	Description	Pack.	€
693360	100 ml bottle of DRBC agar - ClearLine®	10	N/A -

Deoxycholate (agar)

For the isolation and differentiation of Gram (-) enteric bacilli.

➤**Storage 8 - 15 °C**

➤**Incubation: 35 °C ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777231	Dehydrated deoxycholate agar medium - Condalab	500 g	N/A -

Deoxycholate Lactose (agar)

For the differentiation and isolation of gram-negative enterobacteria.

➤**Storage 8 - 15 °C**

➤**Incubation: 35 °C ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777233	Dehydrated medium deoxycholate lactose agar - Condalab	500 g	N/A -

D.C.L.S. (deoxycholate citrate lactose sucrose agar)

Selective medium for Enterobacteriaceae, Salmonella and Shigella.

➤**Storage 8 - 15 °C**

➤**Incubation: 37 °C for 24 and 48 h**

Cat. No.	Description	Pack.	€
777230	Dehydrated medium deoxycholate citrate lactose sucrose agar (D.C.L.S.) - Condalab	500 g	N/A -

Dextrose (agar)

For the differentiation and isolation of gram-negative enterobacteria.

➤**Storage 8 - 15 °C**

➤**Incubation: 35 °C ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777234	Dehydrated Medium Dextrose Agar - Condalab	500 g	N/A -

D.R.C.M. - Differential Reinforced Clostridium Broth

Non-selective medium for the enumeration of Clostridium by the MPN method in water and food.

➤**Storage: 2 - 25 °C**

➤**Incubation: 30 °C for 4 - 7 days**

Cat. No.	Description	Pack.	€
777835	Dehydrated medium for reinforced differential broth Clostridium - Condalab	500 g	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Sterile distilled water

For dilutions or making bacterial suspensions.

- **Storage 2 - 25 °C**
- **Maximum conductivity 10 µS/cm**

Cat. No.	Description	Pack.	€
693310	10 ml tube of sterile distilled water - ClearLine®	100	N/A -

Alkaline peptone water

For the enrichment of Vibrio in food samples, water.

- **Storage: 2 - 25 °C (dehydrated medium and ready-to-use medium)**
- **Incubation: 35 ± 2 °C for 24 h**

Dehydrated medium

Cat. No.	Description	Pack.	€
777171	Dehydrated medium alkaline peptone water - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693428	9 ml tube of alkaline peptone water - ClearLine®	100	N/A -
693456	225 ml bottle of alkaline saline peptone water - ClearLine®	6	N/A -

Buffered peptone water

Thinner used for the preparation of food samples. In particular, it is used as a non-selective pre-enrichment medium for the detection of Salmonella according to standard 6579, as a diluent for the enumeration of micro-organisms according to standard 6887, and as a diluent for the enumeration of Listeria monocytogenes according to standard EN ISO 11290-2.

- **Storage: 2 - 25 °C (dehydrated medium and ready-to-use medium)**
- **Incubation: 37 ± 2 °C for 24 h**

Dehydrated medium

Cat.No.	Description	Pack.	€
777208	Dehydrated medium for buffered peptone water - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693429	9 ml tube of Buffered Peptone Water - ClearLine®	100	N/A -
693400	90 ml bottle of buffered peptone water - ClearLine®	10	N/A -
994511	5 litre pouch of buffered peptone water - ClearLine®	55	N/A -

Buffered peptone water double concentration

Thinner used for the preparation of food samples. The double buffer concentration allows it to be used with highly acidic or alkaline products.

- **Storage: 2 - 25 °C**
- **Incubation: depending on the protocol**

Cat.No.	Description	Pack.	€
693335	225 ml bottle of buffered peptone water double concentratio - ClearLine®	6	N/A -

Buffered peptone water + tween 80 (4 g/l)

For the recovery of salmonella from foods with selective enrichment and isolation.

- **Storage: 2 - 25 °C**
- **Incubation: 37 °C for 24 h**

Cat. No.	Description	Pack.	€
693459	225 ml bottle of buffered peptone water + Tween 80 (4 g/l) - ClearLine®	6	N/A -

Sterile physiological water (0.85%)

Isotonic diluent used for diluting or making bacterial suspensions.

- **Storage: 2 - 25 °C**

Cat.No.	Description	Pack.	€
693462	2 ml tube of sterile physiological water (0.85%) - ClearLine®	6	N/A -
693423	2 ml tube of sterile physiological water (0.85%) - ClearLine®	100	N/A -

Buffered peptone water with neutralizer

Thinner used for the preparation of food samples. In particular for pre-enrichment and for the recovery of salmonella before selective enrichment and isolation. The addition of Tween 80 allows for neutralisation and better homogenisation of certain preparations.

- **Storage: 2 - 25 °C**
- **Incubation: 37 °C for 24 h**

Cat. No.	Description	Pack.	€
693458	225 ml bottle of buffered peptone water with neutralizer (10%) - ClearLine®	6	N/A -



EC (Broth)

For the detection and enumeration of coliforms in water and food according to ISO 11133 / ISO 7251.

- **Storage: 2 - 25 °C**
- **Incubation: 44 ± 1 °C for 24 ± 2 - 48 ± 2 h**

Cat. No.	Description	Pack.	€
777240	Dehydrated medium for EC broth - Condalab	500 g	N/A -

E.coli coliform (chromogenic agar)

Medium for the detection of E.coli and other coliforms in water (membrane filtration) and food samples.

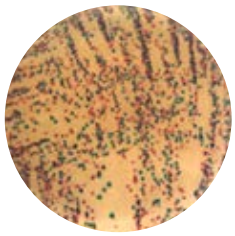


- **Storage: 2 - 25 °C**
- **Incubation: 35 °C ±2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777238	Chromogenic medium agar for E.coli and coliform detection - Condalab	500 g	N/A -

E.coli Enterobacteriaceae (chromogenic agar)

Chromogenic medium for the simultaneous detection of E.coli and Enterobacteriaceae in the food industry.



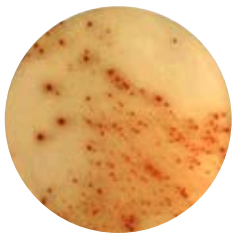
E.coli: dark blue - blue-green colonies
Enterobacteria: magenta colonies

- **Storage: 2 °C - 8 °C**
- **Incubation: 35 °C ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777916	Chromogenic agar medium for E.coli - Enterobacteria - Condalab	500 g	N/A -

E.coli O157 (chromogenic agar)

Selective medium for the detection of E.coli O157:H7 in industries.



- **Storage: 2 °C - 8 °C**
- **Incubation: 35 °C ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777836	Chromogenic Base Medium for E.coli O157:H7 - Condalab	500 g	N/A -

Supplement

- **Cefixime tellurite. To be reconstituted in 5 ml sterile distilled water**

Cat. No.	Description	Pack.	€
777771	Cefixime tellurite supplement - Condalab	10 bottles for 500 ml	N/A -

EE (Broth)

For the detection and enumeration of enterobacteria by the MPN method.

- **Storage 2 - 8 °C**
- **Incubation: 37 ± 1 °C for 24 ± 2 h**

Cat. No.	Description	Pack.	€
777241	Dehydrated broth medium EE (according to ISO 21528-1:2005) - Condalab	500 g	N/A -

Elliker (broth)

For the cultivation of streptococci and lactobacilli in dairy products.

- **Storage: 2 - 25 °C**
- **Incubation: 32 ± 2 °C for 18 - 48 h, except for streptococcus cremoris incubation at 30 ± 2 °C**

Cat. No.	Description	Pack.	€
777242	Dehydrated medium for Elliker broth - Condalab	500 g	N/A -

Endo (broth)

For the identification of enterobacteria.

- **Storage: 2 - 25 °C**
- **Incubation: 35 °C ± 2 °C for 24 h ± 2 h**

Cat. No.	Description	Pack.	€
778426	Endo Broth Dehydrated Medium - Condalab	500 g	N/A -

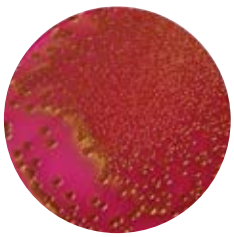
Supplements

- **Ethanol (20 ml)**
- **Fuchsin basic**

Cat. No.	Description	Pack.	€
4146012-CER	Ethanol - RPE for analysis	1 litre	N/A -
452842-CER	Basic Fuchsin - RPE for analysis	25 g	N/A -

Endo (agar)

For the determination of coliforms in water, dairy products and food in general.



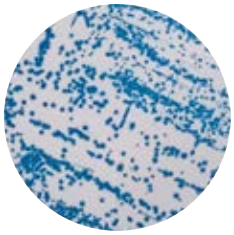
Escherichia coli

- **Storage 8 - 15 °C**
- **Incubation: 35 °C ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777243	Endo agar dehydrated medium - Condalab	500 g	N/A -

Enterobacter sakazakii (chromogenic agar)

For the presumption and isolation of Enterobacter sakazakii.



Green/blue colonies: E. sakazakii
Red/coloured colonies: E. coli

- **Storage 8 - 15 °C**
- **Incubation: 44 °C for 24 h**

Cat. No.	Description	Pack.	€
777838	Dehydrated medium for Enterobacter sakazakii chromogenic agar - Condalab	500 g	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

ESTY (Broth)

For the isolation and enumeration of lactic streptococci in yoghurt and dairy products.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777247	Dehydrated medium for ESTY broth - Condalab	500 g	N/A -

ESTY (agar)

For the enumeration of thermophilus streptococci in yoghurt.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777248	Dehydrated medium for ESTY agar - Condalab	500 g	N/A -

Eugon LT100 (broth)

For the enrichment of micro-organisms. Recommended for the enumeration of aerobic mesophilic bacteria, yeast and moulds and Pseudomonas aeruginosa, Staphylococcus aureus.

- **Storage: 2 - 25 °C (Dehydrated medium and ready-to-use medium)**
- **Incubation: 30 - 35 °C for 24 to 72 h**

Dehydrated medium

Cat. No.	Description	Pack.	€
778403	Dehydrated medium for eugon broth LT100 - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693300	9 ml tube of eugon broth LT100 - ClearLine®	100	N/A -
693401	Eugon Broth 90 ml bottle LT100 - ClearLine®	10	N/A -

Ewing malonate (broth)

For the differentiation of coliforms.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 18 - 48 h**

Cat. No.	Description	Pack.	€
777251	Dehydrated medium for modified Ewing malonate broth - Condalab	500 g	N/A -

Yeast extract

An ingredient used as a source of nitrogen in media.

- **Storage: 2 - 25 °C**

Cat. No.	Description	Pack.	€
777474	Yeast extract - Condalab	500 g	N/A -

Malt extract

An ingredient used as a source of nitrogen in media.

- **Storage: 10 - 35 °C**

Cat. No.	Description	Pack.	€
777462	Malt extract - Condalab	500 g	N/A -

Fraser

For the detection and enumeration of Listeria in food products.

- **Storage: 2 - 25 °C (for the base) and 2 - 8 °C (for the ready-to-use medium)**
- **Incubation: 30 °C ± 1 °C for 24 hours ± 2 hours**

Dehydrated medium

Cat. No.	Description	Pack.	€
777547	Fraser Broth Dehydrated Medium - ISO 11133 / ISO 11290 compliant - Condalab	500 g	N/A -

Supplement

- **Ferric ammonium citrate. To be reconstituted in 5 ml of warm sterile distilled water**

Cat. No.	Description	Pack.	€
777782	Ferric ammonium citrate supplement - Condalab	10 bottles	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693409	10 ml tube of Fraser broth in accordance with ISO 11290-1 - ClearLine®	100	N/A -

Half Fraser

For the detection and enumeration of Listeria in food products.

- **Storage: 2 - 25 °C (for the base) and 2 - 8 °C (for the ready-to-use medium)**
- **Incubation (according to standard 11290): 30 °C for 25 hours ± 1 hour**

Dehydrated medium

Cat. No.	Description	Pack.	€
777852	Fraser demi broth dehydrated medium - ISO 11133 / ISO 11290 compliant - Condalab	500 g	N/A -

Supplement

- **Ferric ammonium citrate. To be reconstituted in 5 ml of warm sterile distilled water**

Cat. No.	Description	Pack.	€
777782	Ferric ammonium citrate supplement - Condalab	10 bottles	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693460	225 ml bottle of Half Fraser broth - ClearLine®	6	N/A -
994512	5 litres pouch of Half Fraser broth - ClearLine®	55	N/A -

Lactose gelatin



For confirmation of clostridium perfringens.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 18 - 48 h**

Cat. No.	Description	Pack.	€
777256	Dehydrated medium gelatine lactose broth - Condalab	500 g	N/A -

Anaerobic agar

For the culture of anaerobic germs, especially Clostridium.

- **Storage 8 - 15 °C**
- **Incubation at 35 °C ± 2 °C for 18 - 48 h**

Cat.No.	Description	Pack.	€
777174	Dehydrated medium anaerobic agar - Condalab	500 g	N/A -

Baird-Parker Agar

See Baird-Parker agar

Campylobacter agar

See campylobacter

Cetrimide agar

See ketrimide agar

Chapman agar

See chapman agar

Salmonella chromogenic agar

See Salmonella chromogenic agar

Brain heart agar

See Heart brain agar

Columbia agar

See columbia agar

DRBC agar

See DRBC agar

DG18 agar

For the detection and enumeration of yeasts and moulds in dry products with an aw ‹ 0.95.

- **Storage: 2 - 8 °C in the dark**
- **Incubation: 25 °C for 5 days in a humid aerobic atmosphere**

Cat. No.	Description	Pack.	€
693356	DG18 Agar 100 ml bottle - ClearLine®	10	N/A -

Actinomycede Isolation agar glycerol

For the isolation and cultivation of actinomycetes in soil and water.

- **Storage: 2 - 25 °C**
- **Incubation: 30 °C ± 2 °C for 72 h**

Cat. No.	Description	Pack.	€
777816	Dehydrated Actinomycete Isolation Agar Medium - Condalab	500 g	N/A -

Acetate differential agar

To differentiate Shigella from Escherichia coli.

- **Storage 8 - 15 °C**
- **Incubation at 35 °C ± 2 °C for 7 days**

Cat.No.	Description	Pack.	€
777169	Dehydrated medium acetate differential agar Condalab	500 g	N/A -

Middlebrook Agar

See middlebrook agar

PCA agar

See PCA

Blood agar

For the determination of haemolytic germs and confirmation of Bacillus cereus and Listeria monocytogenes.

- **Storage 8 - 15 °C**
- **Incubation at 35 °C ± 2 °C for 18 - 48 h for Listeria monocytogenes**
- **Incubation at 30 °C for 24 h for Bacillus cereus**

Cat.No.	Description	Pack.	€
777823	Blood agar dehydrated medium (ISO7932) - Condalab	500 g	N/A -

Wilson Blair Agar

See Wilson Blair agar

Giolotti-Cantoni (broth)

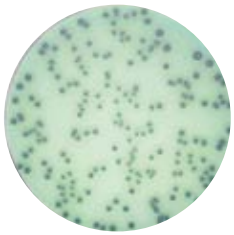
Enrichment medium used for the detection of Staphylococcus aureus in foodstuffs.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 40 - 48 h**
- **According to ISO 11133: 37 ± 1 °C for 24 ± 2 - 48 ± 2 h**

Cat. No.	Description	Pack.	€
777257	Dehydrated medium Giolotti broth - Cantoni - Condalab	500 g	N/A -
777258	Dehydrated medium Giolotti broth - Cantoni - ISO 11133 - Condalab	500 g	N/A -

Hektoen (agar)

Differential selective medium for enteropathogenic bacteria, especially salmonella and shigella. The composition of the medium allows the differentiation of colonies rapidly fermenting one of the 3 sugars (turning from blue to salmon-red) and/or producing H2S (black centre).



- **Storage: 2 - 25 °C**
- **Incubation: 37 ± 1 °C for 20 - 24 h**

Cat. No.	Description	Pack.	€
777263	Dehydrated medium Hektoen Agar - Condalab	500 g	N/A -

I.T.C. - Irgasan Ticarcillin and potassium Chlorate broth

Broth for selection and enrichment of yersinia enterolitica.

- **Storage: 2 - 25 °C**
- **Incubation: 25 ± 1 °C for 44 ± 4 h**

Cat. No.	Description	Pack.	€
777265	Dehydrated medium I.T.C. broth - Condalab	500 g	N/A -

Supplement

- **To be reconstituted in 8 ml sterile distilled water**
- **Storage: 2 - 8 °C**

Cat. No.	Description	Pack.	€
777785	Supplement for I.T.C. broth - Condalab	10 bottles for 500 ml	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Egg yolk (emulsion)

Used as a supplement in many culture media for the isolation or identification of Bacillus and Staphylococcus.

➤ **Storage: 8 - 14 °C**

Cat. No.	Description	Pack.	€
777780	100 ml bottle of egg yolk emulsion - Condalab	1	N/A -

Egg yolk with potassium tellurite

For the preparation of the Baird Parker according to ISO 6888.

➤ **Storage: 8 - 14 °C**

Cat. No.	Description	Pack.	€
777800	100 ml bottle of egg yolk emulsion with potassium telliuric - Condalab	1	N/A -

KAA presumption (broth)

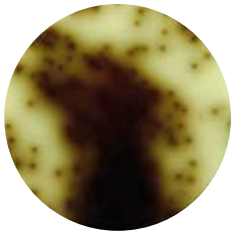
For the presumption and detection of intestinal enterococci in foods according to Mossel.

➤ **Storage: 2 - 25 °C**

➤ **Incubation: 35 ± 2 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777267	Dehydrated medium KAA presumption broth - Condalab	500 g	N/A -

KAA confirmation (agar)



Enterococcus faecalis

For the isolation and confirmation of intestinal enterococci in foods according to MOSSEL.

➤ **Storage: 2 - 25 °C**

➤ **Incubation: 35 ± 2 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777266	Dehydrated medium KAA confirmation agar - Condalab	500 g	N/A -

Kligler Hajna (agar)

For the presumptive identification of enterobacteria based on the fermentation of glucose, lactose, sucrose and the production of gas and H_2S.
For the detection of salmonella in food and dairy products.

➤ **Storage: 2 - 25 °C in the dark**

➤ **Incubation: 37 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
693436	Kligler Hajna Agar Slant Tube - ClearLine®	100	N/A -

Kligler iron (agar)

Medium for the detection of yersinia enterolitica.

➤ **Storage: 2 - 25 °C**

➤ **Incubation: 30 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777275	Dehydrated medium Kligler iron agar - Condalab	500 g	N/A -

Koser citrate (broth)

For the differentiation of escherichia coli from enterobacteria based on the use of citrate.

➤ **Storage: 2 - 25 °C**

➤ **Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777276	Dehydrated medium Koser citrate broth - Condalab	500 g	N/A -

Lactose (broth)

For the culture of coliforms and salmonella in water, food, dairy products.

➤ **Storage: 2 - 25 °C**

➤ **Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777278	Dehydrated medium lactose broth - Condalab	500 g	N/A -

Lactose sulphite (broth)

For the culture of coliforms and salmonella in water, food, dairy products.

➤ **Storage: 2 - 25 °C for the dehydrated base and 2 - 8 °C for the ready-to-use tubes**

➤ **Incubation: 46 °C for 18 - 24 h**

Dehydrated medium

Cat. No.	Description	Pack.	€
777279	Dehydrated medium for lactose sulphite broth - Condalab	500 g	N/A -

Supplement

➤ **After heating the tube to 100 °C and allowing it to cool for 5 minutes, add 0.5 ml of a 12 g/l solution of sodium metabisulphite and 0.5 ml of a 10 g/l solution of ammoniacal ferric citrate sterilised by filtration through a 0.45 µm membrane**

Ready-to-use media

Cat. No.	Description	Pack.	€
693314	8 ml tube of Durham broth lactose sulphite - ClearLine®	100	N/A -
693408	9 ml tube with Durham bell broth lactose sulphite - ClearLine®	100	N/A -

Lauryl sulphate (broth) - Lauryl Tryptose Broth (LTB)

Used to detect coliforms in food, water, milk and dairy products.
The use of inoculum larger than 1 ml requires the use of double strength lauryl sulphate broth to ensure that sufficient nutrients are maintained.

➤ **Storage: 2 - 25 °C**

➤ **According to ISO 4831: 30 °C ou 37 °C for 24 h**

➤ **According to ISO 7251: 37 °C for 48 h, examining gas production after 24 h and 48 h**

Cat. No.	Description	Pack.	€
777281	Dehydrated medium for lauryl sulfate broth - Condalab	500 g	N/A -

Lauryl sulphate (agar)

Selective medium for the detection of coliforms in water, dairy products and seafood.

➤ **Storage: 2 - 25 °C**

➤ **Incubation: 35 ± 2 °C for 24 - 48h**

Cat. No.	Description	Pack.	€
777280	Dehydrated medium for lauryl sulfate agar - Condalab	500 g	N/A -

Chromogenic Lauryl Sulphate (broth)

Enrichment medium for the simultaneous detection of total coliforms and Escherichia coli in water, food, dairy products.

➤ **Storage: 2 °C - 8 °C**

➤ **Incubation: 35 °C ± 2 °C for 18 - 24 h. Control of the tubes under UV 366 nm lamp. Blue light indicates the presence of E. coli**

Cat. No.	Description	Pack.	€
777848	Dehydrated medium for lauryl sulphate chromogenic broth - Condalab	500 g	N/A -

LB Lennox formulation (agar)

A medium recommended in molecular microbiology for the culture of Bacillus subtilis, Daptobacter and recombinant strains of Escherichia coli.

Composition (g/l):

Tryptone	10	Sodium chloride	5
Yeast extract	5	Agar	15

Storage: 2 - 25 °C (dehydrated medium) 2 - 8 °C (for vials)

Incubation: 35 °C ± 2 °C for 18 - 24 h

Cat. No.	Description	Pack.	€
777490	Dehydrated medium LB Lennox agar - Condalab	500 g	N/A -
693363	LB Lennox Agar - 100 ml bottle - ClearLine®	10	N/A -

LB broth (Luria)

A medium recommended in molecular microbiology for the culture of Bacillus subtilis, Daptobacter and recombinant strains of Escherichia coli.

Composition (g/l):

Tryptone	10	Sodium chloride	0.5
Yeast extract	5	-	-

Storage: 2 - 25 °C (dehydrated medium) 2 - 8 °C (for vials)

Incubation: 35 °C ± 2 °C for 18 - 24 h

Cat. No.	Description	Pack.	€
777493	Dehydrated medium LB formulation LURIA broth (modified miller) - Condalab	500 g	N/A -
693364	100 ml bottle of Luria LB broth - ClearLine®	10	N/A -

LB Lennox base (broth)

Broth recommended in molecular microbiology for the cultivation of Bacillus subtilis, Daptobacter and recombinant strains of Escherichia coli.

Composition (g/l):

Tryptone	10	Sodium chloride	5
Yeast extract	5	-	-

Storage: 2 - 25 °C (dehydrated medium) 2 - 8 °C (for vials)

Incubation: 35 °C ± 2 °C for 18 - 24 h

Cat. No.	Description	Pack.	€
777491	Dehydrated medium LB Lennox Broth - Condalab	500 g	N/A -
777921	Dehydrated medium LB Lennox Broth - Condalab	1 kg	N/A -
693362	LB Lennox Broth - 100 ml bottle - ClearLine®	10	N/A -

Miller-Luria LB base (agar)

A medium recommended in molecular microbiology for the culture of Bacillus subtilis, Daptobacter and recombinant strains of Escherichia coli.

Composition (g/l):

Tryptone	10	Sodium chloride	10
Yeast extract	5	Agar	15

Storage: 2 - 25 °C (dehydrated medium) 2 - 8 °C (for vials)

Incubation: 35 °C ± 2 °C for 18 - 24 h

Cat. No.	Description	Pack.	€
777494	Dehydrated medium Luria agar (LB Miller formulation) - Condalab	500 g	N/A -
693367	Luria Agar (Miller's LB Broth Base) - 100 ml bottle - ClearLine®	10	N/A -

Luria LB base (agar)

A medium recommended in molecular microbiology for the culture of Bacillus subtilis, Daptobacter and recombinant strains of Escherichia coli.

Composition (g/l):

Tryptone	10	Sodium chloride	0.5
Yeast extract	5	Agar	15

Storage: 2 - 25 °C (dehydrated medium) 2 - 8 °C (for vials)

Incubation: 35 °C ± 2 °C for 18 - 24 h

Cat. No.	Description	Pack.	€
777492	Dehydrated medium agar LB formulation Luria (Miller modified) - Condalab	500 g	N/A -
693365	100 ml bottle of Luria LB Agar - ClearLine®	10	N/A -

Miller-Luria LB base (broth)

A medium recommended in molecular microbiology for the culture of Bacillus subtilis, Daptobacter and recombinant strains of Escherichia coli.

Composition (g/l):

Tryptone	10	Sodium chloride	10
Yeast extract	5	-	-

Storage: 2 - 25 °C (dehydrated medium) 2 - 8 °C (for vials)

Incubation: 35 °C ± 2 °C for 18 - 24 h

Cat. No.	Description	Pack.	€
777495	Dehydrated medium Luria broth (LB Miller formulation) - Condalab	500 g	N/A -
777920	Dehydrated medium Luria broth (LB Miller formulation) - Condalab	1 kg	N/A -
693366	LB Miller Broth base 100 ml Bottle - ClearLine®	10	N/A -

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sLB (broth)

For bacterial growth and leads to high yields of low copy number plasmid. Used in molecular biology.

➤**Storage: 2 - 25 °C**

➤**Incubation: 35 °C ± 2 °C for 24 h; 48 and 72 h**

Cat. No.	Description	Pack.	€
777502	Dehydrated medium for buffered sLB broth - Condalab	500 g	N/A -

Letheen (broth)

Used in the cosmetics industry to neutralise the action of conservatives before microbiological examination or to determine the bactericidal activity of quaternary ammoniums.

➤**Storage 2 - 8 °C**

Cat. No.	Description	Pack.	€
693430	9 ml tube Letheen broth - ClearLine®	100	N/A -
693411	10 ml tube Letheen broth - ClearLine®	100	N/A -
693323	100 ml bottle Letheen broth - ClearLine®	10	N/A -

Modified Letheen (broth)

To neutralise the action of conservatives before microbiological examination.

➤**Storage: 2 - 25 °C (for dehydrated base) and 2 - 8 °C (for ready-to-use media)**

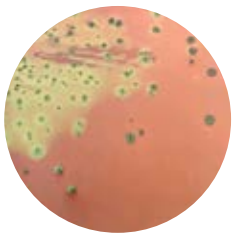
Dehydrated medium

Cat. No.	Description	Pack.	€
777284	Dehydrated medium for modified letheen broth - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693431	9 ml tube of modified letheen broth - ClearLine®	100	N/A -
693402	90 ml bottle of modified letheen broth - ClearLine®	10	N/A -
693447	200 ml bottle of modified letheen broth - ClearLine®	6	N/A -

Levine (agar)



Escherichia coli

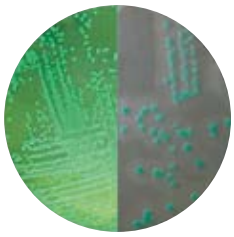
Low selectivity medium for the differentiation of lactose-positive and lactose-negative Enterobacteriaceae contained in food and dairy products.

➤**Storage: 2 - 25 °C**

➤**Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777285	Dehydrated medium Levine agar (E.M.B.) - Condalab	500 g	N/A -

Listeria (agar)



Listeria innocua — Listeria monocytogenes

Medium for the detection and enumeration of Listeria monocytogenes.

➤**Storage: 2 - 25 °C**

➤**Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777289	Dehydrated medium for Listeria chromogenic agar according to Ottaviani and Agosti (ALOA) - Condalab	500 g	N/A -

Supplements

To be reconstituted in 5 ml of a water/acetone mixture (1/1). For 500 ml of medium.

➤**1 Bottle of Lipase C substrate**

➤**1 Bottle containing: 50 mg Cycloheximide + 10 mg Ceftazidime + 0 mg Nalidixic acid + 38350 IU Polymyxin B**

Cat. No.	Description	Pack.	€
777790	Lipase C supplement - Condalab	10 bottles for 500 ml	N/A -
777789	Cycloheximide + polymexin B sulphate + Ceftazimidime + nalidixic acid supplement - Condalab	10 bottles for 500 ml	N/A -

Lysine iron (agar)

Allows differentiation of Salmonella arizonae by studying lysine decarboxylation.

➤**Storage: 2 - 25 °C**

➤**Incubation: 35 ± 2 °C for 18 - 48 h**

Cat. No.	Description	Pack.	€
777296	Dehydrated medium lysine iron agar - Condalab	500 g	N/A -

Lysine decarboxylase (broth) ISO 10273

For the identification of micro-organisms, especially enteric bacilli, on the basis of their ability to decarboxylate lysine.

➤**Storage: 2 - 25 °C**

➤**Incubation: 35 ± 2 °C for 18 - 48 h**

Cat. No.	Description	Pack.	€
777294	Dehydrated medium lysine decarboxylase broth ISO 10273 - Condalab	500 g	N/A -

Lysine decarboxylase (broth) ISO 6579

For biochemical confirmation of Salmonella and Yersina enterocolitica.

➤**Storage: 2 - 25 °C**

➤**Incubation: 37 ± 2 °C for 24 ± 3 h**

Cat. No.	Description	Pack.	€
777295	Dehydrated medium lysine decarboxylase broth ISO 6579 - Condalab	500 g	N/A -

M17 (Agar)

For the culture and enumeration of lactic streptococci in milk and dairy products.

➤**Storage: 2 - 25 °C**

➤**Incubation: 28 - 30 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777297	Dehydrated medium M17 agar - Condalab	500 g	N/A -

Mac Conkey (broth) - according to pharmacopoeia

For the detection of coliforms in water, milk and pharmaceutical preparations.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 42 - 44 °C for 24 - 48 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777303	Dehydrated medium Mac Conkey Broth - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693302	100 ml bottle of Mac Conkey Broth - ClearLine®	10	N/A -

Mac Conkey (agar) - according to pharmacopoeia

Differential medium to guide the identification of lactose-fermenting and non-lactose-fermenting Enterobacteriaceae. It is recommended for the detection of escherichia coli in water, food, dairy products and pharmaceutical preparations.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation**
- **According to ISO 21567: 37 ± 1 °C for 20 - 24 h**
- **According to ISO 21150: 30 - 35 °C for 24 h**



Enterobacter aerogenes — Escherichia coli

Dehydrated base

Cat. No.	Description	Pack.	€
777298	Dehydrated medium Mac agar Conkey - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693369	100 ml bottle of Mac ConkeyBroth* - ClearLine®	10	N/A -
693448	100 ml bottle of Mac ConkeyBroth* - ClearLine®	6	N/A -

* Not in accordance with the pharmacopoeia

Malt (Broth)

Broth for the isolation and culture of yeasts and moulds.

- **Storage 2 - 25 °C**
- **Incubation: 30 ± 2 °C for 18 - 72 h**

Cat.No.	Description	Pack.	€
777305	Dehydrated medium malt extract broth - Condalab	500 g	N/A -

Malt (Agar)

Recommended for the detection, isolation and enumeration of yeasts and moulds.

- **Storage: 2 - 25 °C (dehydrated base) - 2 - 8 °C (ready-to-use medium)**
- **Incubation: 25 - 30 °C for 18 - 72 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777304	Dehydrated medium malt extract agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693437	Slant tube malt extract agar - ClearLine®	100	N/A -
693370	100 ml bottle malt extract agar - ClearLine®	10	N/A -

Mannitol mobility nitrate

For the presumptive identification of Enterobacteriaceae based on mannitol fermentation, germ mobility and nitrate to nitrite reduction.

- **Storage: 2 - 25 °C (dehydrated base) - 2 - 8 °C (ready-to-use medium)**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777306	Dehydrated medium mannitol mobility nitrate - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693461	10 ml tube mannitol mobility nitrate - ClearLine®	6	N/A -
693412	10 ml tube mannitol mobility nitrate - ClearLine®	100	N/A -

Mannitol salt Agar (MSA)

See Chapman agar

Marine (Agar)

For the isolation and enumeration of heterotropic marine bacteria.

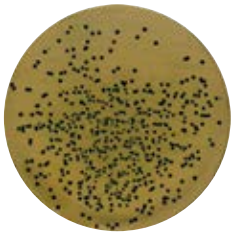
- **Storage: 2 - 8 °C**
- **Incubation: 20 - 25 °C for 24 - 72 h**

Cat. No.	Description	Pack.	€
777309	Dehydrated medium marine agar medium - Condalab	500 g	N/A -

M-EI (chromogenic agar)

For the detection and enumeration of Enterococcus in water by the membrane filtration method.

- **Storage: 2 - 25 °C**
- **Incubation: 41 ± 0.5 °C for 18 - 24 h**

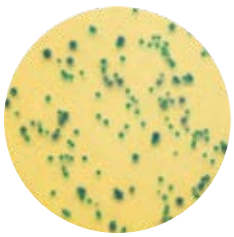


Cat. No.	Description	Pack.	€
777310	Dehydrated medium for chromogenic agar M-EI - Condalab	500 g	N/A -

Modified M-EI (chromogenic agar)

For the isolation and differentiation of Enterococcus faecalis and Enterococcus faecium

- **Storage: 2 - 8 °C**
- **Incubation: 41 ± 0.5 °C for 18 - 24 h**



Cat. No.	Description	Pack.	€
778436	Dehydrated medium for modified M-EI chromogenic agar - Condalab	500 g	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

MKTTn - Müller Kauffman bright green with novobiocin (Broth)

Medium used for the selective enrichment of Salmonella. The use of this medium requires the extemporaneous addition of an iodine solution.

- **Storage: 2 - 25 °C**
- **Incubation: according to ISO 19250 and ISO 11133: 37 °C ± 1 °C for 24 ± 3 h**

Cat. No.	Description	Pack.	€
777324	Dehydrated medium for MKTTn broth - Condalab	500 g	N/A -

Supplements

For 100 ml of medium

- **Add extemporaneously 20 ml of a distilled or demineralised water solution containing 5 g of potassium iodide and 4 g of iodine. Note that the complete medium must be used the same day.**

Cat. No.	Description	Pack.	€
348454-CER	Iodine	100 g	N/A -
362405-CER	Potassium iodide	250 g	N/A -

Moeller KCn (Broth)

To differentiate enteric bacilli that have the ability to grow in the presence of cyanide.

- **Storage 2 - 25 °C**
- **Incubation: 35 °C ± 2 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777314	Dehydrated medium Moeller KCn Broth - Condalab	500 g	N/A -

MIO - Medium Mobility Indole Ornithine

Semi-solid medium for differentiation of enterobacteria by motility, ornithine decarboxylase activity and indole production.

- **Storage: 2 - 25 °C**
- **Incubation: 35 °C ± 2 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777313	Dehydrated medium Indole ornithine mobility - Condalab	500 g	N/A -

Supplements

- **For indole detection**

Cat. No.	Description	Pack.	€
777535	KOVAC reagent - Condalab	100 ml	N/A -
435922-CER	KOVAC reagent	100 ml	N/A -

Mossel (Broth) - EE (Broth)

Enrichment broth for Enterobacteriaceae according to Mossel is a selective medium recommended for the investigation of Enterobacteriaceae in foods. Complies with the European Pharmacopoeia.

- **Storage: 2 - 30 °C (dehydrated base) - 2 - 8 °C (ready-to-use medium)**
- **Incubation: 37 °C for 24 - 48 h**

Dehydrated base

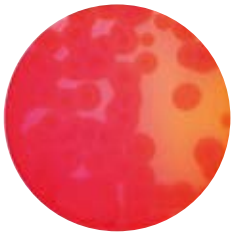
Cat. No.	Description	Pack.	€
777315	Dehydrated medium Mossel EE broth - 100 ml bottle	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693413	9 ml tube of Mossel* broth - ClearLine®	100	N/A -
693371	100 ml bottle of Mossel broth- ClearLine®	10	N/A -

* Not in accordance with the pharmacopoeia

Mossel (Bacillus cereus - Agar)



Bacillus cereus

Recommended for the detection and enumeration of spores and vegetative forms of Bacillus cereus in foodstuffs.

- **Storage: 2 - 25 °C**
- **Incubation: 35 °C ± 2 °C for 24 - 40 h**

Cat. No.	Description	Pack.	€
777183	Dehydrated medium Bacillus cereus selective agar according to Mossel (MYP) - Condalab	500 g	N/A -

Supplements

For 900 ml of medium.

- **Egg yolk emulsion: 100 ml**
- **Polymixin B*: 100000 UI**

Cat. No.	Description	Pack.	€
777780	100 ml bottle Egg yolk emulsion - condalab	1	N/A -
777767	Polymixin B* supplement - condalab	10 vials for 500 ml	N/A -

* To be reconstituted in 5 ml sterile distilled water

MRS deMan,Rogosa, Sharpe (Broth)

For lactobacillus culture.

- **Storage: 2 - 25 °C (for dehydrated base) and 2 - 8 °C (for ready-to-use media)**
- **Incubation: 35 °C for 3 days or 30 °C for 5 days in a CO_2enriched atmosphere**

Dehydrated base

Cat. No.	Description	Pack.	€
777317	Dehydrated broth medium MRS - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693432	9 ml tube of MRS broth - ClearLine®	100	N/A -
693344	100 ml bottle of MRS broth - ClearLine®	10	N/A -

MRS deMan,Rogosa, Sharpe (Agar)

For lactobacillus culture. The pH 5.4 medium allows the enumeration of Lactobacillus bulgaricus in yoghurt.

- **Storage: 2 - 8 °C (for dehydrated base and for ready-to-use media)**
- **Incubation: 35 °C for 3 days or 30 °C for 5 days in a CO_2enriched atmosphere**

Dehydrated base

Cat. No.	Description	Pack.	€
777316	Dehydrated medium MRS agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693449	200 ml bottle of MRS agar - ClearLine®	6	N/A -

MRS deMan,Rogosa, Sharpe pH 5.7 (Agar)

The pH 5.7 medium allows the enumeration of mesophilic lactic acid bacteria

- **Storage: 2 - 8 °C (for dehydrated base and for ready-to-use media)**
- **Incubation: 35 °C for 3 days or 30 °C for 5 days in a CO_2enriched atmosphere**

Dehydrated base

Cat. No.	Description	Pack.	€
777858	Dehydrated medium MRS agar low pH ISO - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693372	100 ml bottle of MRS agar pH 5.7 ClearLine®	10	N/A -

MRVP (Methyl Red - Voges Proskauer) Clarks and Lubs Medium

For the differentiation of Escherichia coli from Entobacteria

- **Storage: 2 - 25 °C**
- **Incubation:**
  - For the methyl red test: 35 ± 2 °C for 3 to 5 days (Tube to be incubated before testing)
  - For the Voges Proskauer test: 35 ± 2 °C

Cat. No.	Description	Pack.	€
777320	Dehydrated medium MR-VP from Clark and Lubs - Condalab	500 g	N/A -

Reagent required

- **5 drops of a 0.4% methyl red solution for the MR test**

Cat. No.	Description	Pack.	€
339006	2.5 ml bottle of alpha naphthol + 2.5 ml bottle of potassium hydroxide for the VP test	10 + 10	N/A -

MSRV Modified Semisolid Rappaport Vassiliadis (Broth)

Modified Rappaport Vassiliadis broth

For the detection of mobile salmonella species according to ISO 6579

- **Storage: 2 - 25 °C**
- **Incubation: 41.5 °C for 24 h**

Cat. No.	Description	Pack.	€
777319	Dehydrated medium MSRV medium - Condalab	500 g	N/A -

Mueller Hinton (Agar)

Reference medium for antibiotic and sulphonamide susceptibility testing of germs.

- **Storage: 2 - 25 °C (for dehydrated base) and 2 - 8 °C (for ready-to-use media)**
- **Incubation: 35 ± 2 °C for 24 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777321	Dehydrated medium Mueller Hinton agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693375	100 ml bottle of Mueller Hinton agar - ClearLine®	10	N/A -

Mueller Kauffman tetrathionate (Broth)

For the selective enrichment of salmonella in food.

- **Storage: 2 - 25 °C**
- **Incubation: 42 - 43 °C for 6 - 24 h**

Cat. No.	Description	Pack.	€
777325	Dehydrated medium Mueller Kauffman Tetrathionate Broth - Condalab	500 g	N/A -

Supplement

- **Add 20 ml/litre of iodide solution and 10 ml/litre of 0.1% bright green solution. To be used the same day**

Neutralizer

The neutralizer mixture is added to the pre-enrichment medium whenever the presence of disinfectant solution is known or suspected. As a general rule, this mixture should be used at a rate of 10% of the final volume of the pre-enrichment medium.

- **Storage 15 - 25 °C in the dark**

Formula in g/l			
Disodium phosphate	100.8	**L-Histidine HCL**	1
Sodium thiosulphate	7.8	**Tween 80**	30
Lecithin	3	**Distilled water**	857.4

Cat. No.	Description	Units/ box	€/ box
693422	ClearLine® Neutralizer - Tube 25 ml	100	N/A -

Universal neutralizer

The neutralizer mixture is added to the pre-enrichment medium whenever the presence of disinfectant solution is known or suspected. As a general rule, this mixture should be used at a rate of 10% of the final volume of the pre-enrichment medium.

- **Storage 15 - 25 °C in the dark**

Formula in g/l			
Disodium phosphate	75.45	**Tween 20**	20
Sodium thiosulphate	7.8	**Tween 80**	30
Lecithin	3	**Distilled water**	950
L-Histidine HCL	1		

Cat. No.	Description	Units/ box	€/ box
693329	Universal neutralizer ClearLine® - 100 ml bottle	10	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Nitrate mobility (Agar)

Medium for confirmation of clostridium perfringens.

➤**Storage: 2 - 25 °C**

➤**Incubation: 35 ± 2 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777327	Dehydrated medium nitrate mobility medium - Condalab	500 g	N/A -

Harmful bacteria for breweries (Broth)

For the detection of harmful contaminants in brewing.

➤**Storage: 2 - 25 °C**

➤**Incubation: 30 - 35 °C for 4 days**

Cat. No.	Description	Pack.	€
777863	Dehydrated medium for Nocive Brewers bacteria Broth Agar base modified - Condalab	500 g	N/A -

Harmful bacteria for breweries (Agar)

For the detection of harmful contaminants in brewing.

➤**Storage: 2 - 25 °C**

➤**Incubation: 30 - 35 °C for 4 days**

Cat. No.	Description	Pack.	€
777862	Dehydrated medium for Nocive Brewers bacteria Agar broth base modified - Condalab	500 g	N/A -

Nutritive (Broth)

For the cultivation of non-demanding germs

➤**Storage: 2 - 25 °C**

➤**Incubation: 35 ± 2 °C for 18 - 48 h**

Cat. No.	Description	Pack.	€
777332	Dehydrated medium for nutrient broth - Condalab	500 g	N/A -

Nutrient agar

Medium for the cultivation of non-demanding germs in water and clinical samples.

➤**Storage: 2 - 25 °C**

➤**Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777328	Dehydrated medium for nutrient agar ISO 6579 / ISO 10273 - Condalab	500 g	N/A -

Nutrient agar with sodium chloride ISO 21258

Medium recommended by ISO 21528 for the confirmation of Enterobacteriaceae.

➤**Storage: 2 - 25 °C (Dehydrated base and ready-to-use medium)**

➤**Incubation: 37 ± 1 °C for 24 ± 2 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777331	Dehydrated medium for nutrient agar with sodium chloride ISO 21258 - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693374	100 ml bottle of nutrient agar with sodium chloride - ClearLine®	10	N/A -

O.G.A. (Oxytetracycline Glucose Agar) (O.G.Y.E.)

Recommended for the enumeration of yeasts and moulds in milk, dairy products and food.

➤**Storage: 2 - 25 °C (Dehydrated base and ready-to-use medium)**

➤**Incubation: 20 - 25 °C for 5 - 7 days**

Dehydrated base

Cat. No.	Description	Pack.	€
777335	Dehydrated medium for O.G.A. agar (O.G.Y.E.) - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693373	100 ml bottle O.G.A. agar (O.G.Y.E.) - ClearLine®	10	N/A -

Supplement

For 500 ml of medium.

➤**Add 50 mg of oxytetracycline to 5 ml of sterile distilled water**

Cat. No.	Description	Units/ box	€/ box
777791	Oxytetracycline - 50 mg bottle - Condalab	10	N/A -

Osmophilic (Agar)

For the detection of osmophilic yeasts in foods

➤**Storage: 2 - 25 °C**

➤**Incubation: 20 ± 20 °C for 48 - 72 h**

Cat. No.	Description	Pack.	€
777337	Dehydrated medium for osmophilic agar - Condalab	500 g	N/A -

Ox bile, bacteriological

Ingredient used as a selective inhibitor in culture media such as BLBVB

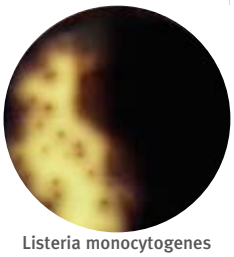
➤**Storage: 2 - 25 °C**

Cat. No.	Description	Pack.	€
777448	Ox bile, bacteriological - Condalab	500 g	N/A -
778405	Ox bile, bacteriological - Condalab	25 kg	N/A -

Oxford (Agar)

Selective medium for the detection and isolation of Listeria monocytogenes from biological samples, dairy products and foodstuffs.

- **Storage: 2 - 25 °C**
- **Incubation: 37 °C for 48 ± 2 h**



Listeria monocytogenes

Cat. No.	Description	Pack.	€
777286	Dehydrated medium for Oxford agar - Condalab	500 g	N/A -

Supplement

For 500 ml of medium.

- **Cycloheximide 200 mg**
- **Colistin sulphate 10 mg**
- **Fosfomycin 5 mg**
- **Acryflavin 2.5 mg**
- **Cefotetan 1 mg**

Cat. No.	Description	Pack.	€
777793	Supplement for Oxford Agar - Condalab	10 bottles for 500 ml	N/A -

Palcam

Palcam agar is a selective medium for the detection and isolation of Listeria monocytogenes from biological samples, dairy products and foodstuffs.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 24 - 48 h**



Listeria monocytogenes

Cat. No.	Description	Pack.	€
777288	Dehydrated medium for Palcam agar - Condalab	500 g	N/A -

Supplement

For 500 ml of medium.

- **Ceftazimide 10 mg**
- **Polymyxin B sulphate 5 mg**
- **Acryflavin 2.5 mg**

Cat. No.	Description	Pack.	€
777794	Supplement for Palcam agar - Condalab	10 bottles for 500 ml	N/A -

PCA Plate count agar

For the investigation of total flora in food products.

- **Storage: 8 - 15 °C**
- **Incubation: 30 °C for 72 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777392	Dehydrated medium PCA agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693339	200 ml bottle - PCA agar - ClearLine®	6	N/A -
693438	Sloped tube - PCA agar - ClearLine®	100	N/A -
853075B	PCA contact boxes	20	N/A -

PCA chromogenic (agar)

Chromogenic medium for the detection of of total flora in foods

- **Storage: 2 °C - 8 °C**
- **Incubation: 32 °C ± 2 °C for 18 - 24 h**



Cat. No.	Description	Pack.	€
777876	Chromogenic medium for total flora - Condalab	500 g	N/A -

PCA skimmed milk

For the investigation of total flora in food products.

- **Storage: 2 - 25 °C dehydrated base and for ready-to-use medium**
- **Incubation:**
  - **According to ISO 11133: 30 ± 1 °C for 72 h ± 3 h**
  - **according to APHA: 32 ± 2 °C for 18 - 48 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777393	Dehydrated medium PCA skimmed milk agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693376	100 ml bottle - PCA skimmed milk agar - ClearLine®	10	N/A -

PCA without glucose (Agar)

Used in water bacteriology for the enumeration of revivable microorganisms by counting.

- **Storage: 2 - 25 °C dehydrated base and for ready-to-use medium**
- **Incubation:**
  - **For a series of boxes: 36 ± 2 °C for 44 h ± 4 h**
  - **For another set of boxes: 22 ± 2 °C for 68 ± 4 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777875	Dehydrated medium PCA agar without glucose - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693377	100 ml bottle - PCA agar without glucose - ClearLine®	10	N/A -

Bacteriological Peptone

Nitrogen source ingredient

- **Storage: 2 - 25 °C**

Cat. No.	Description	Pack.	€
777449	Bacteriological Peptone - Condalab	500 g	N/A -

Peptone salt

Low peptone isotonic diluent used for dilutions in food analysis.

- **Storage 20 - 25 °C**

Cat. No.	Description	Units/ box	€/ box
693304	Peptone salt ClearLine® - 9 ml Tube	100	N/A -
693424	Peptone salt ClearLine® - 25 ml Tube	100	N/A -
693395	Peptone salt ClearLine® - 45 ml bottle	10	N/A -
693305	Peptone salt ClearLine® - 90 ml bottle	10	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

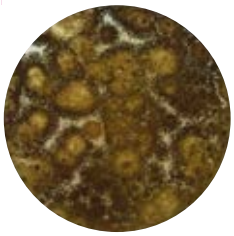
Sweet potato (Broth)

Broth for the cultivation of yeasts and moulds.

- **Storage: 2 - 25 °C**
- **Incubation: 25 - 30 °C for 48 - 72 h**

Cat. No.	Description	Pack.	€
777347	Dehydrated Medium Potato Broth Agar - Condalab	500 g	N/A -

Sweet potato (Agar)



Aspergillus brasiliensis

A medium for the cultivation and identification of yeasts and moulds in food.

- **Storage: 2 - 25 °C dehydrated base and for ready-to-use medium**
- **Incubation: 30 ± 2 °C for 18 - 48 h up to 7 days if necessary (for Trichophyton menragrophytes culture)**

Dehydrated base

Cat. No.	Description	Pack.	€
777346	Dehydrated Medium sweet potato - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693377	100 ml bottle - sweet potato - ClearLine®	10	N/A -

Pseudomonas (CFC - Agar)

For the enumeration and isolation of Pseudomonas spp in meat and meat products.

- **Storage: 2 - 25 °C**
- **Incubation: 25 ± 1 °C for 44 ± 4 h**

Cat. No.	Description	Pack.	€
777350	Dehydrated Medium CFC agar (base) Pseudomas - Condalab	500 g	N/A -

Supplement

To be reconstituted in 5 ml of distilled water

Cat. No.	Description	Pack.	€
777773	C.F.C. supplement (Cetrimide / Fusidate sodium / Cephalothin (sodium salt)) - Condalab	10 bottles for 500 ml	N/A -

Pseudomonas CN (Agar)

Medium for enumeration and identification of Pseudomonas aeruginosa by membrane filtration. Medium recommended by UNE-EN 12780 and EN ISO 16266.

- **Storage: 2 - 25 °C**
- **Incubation: 36 ± 2 °C for 22 ± 2 h**

Cat. No.	Description	Pack.	€
777351	Dehydrated Medium Pseudomas CN agar (UNE-EN 12780:2002) - Condalab	500 g	N/A -

R2A (Agar)

For the heterotropic enumeration of bacteria in drinking water by the membrane filtration technique or agar plating.

- **Storage: 2 - 25 °C dehydrated base and for ready-to-use medium**
- **Incubation:**
  - **According to the standard methods for water and wastewater: 20 - 28 °C for 5 - 7 days then 35 °C for 5 - 7 days**
  - **According to the pharmacopoeia: 30 - 35 °C for at least 5 days**
  - **For general use: 35 ± 2 °C for 24 - 72 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777365	Dehydrated medium R2A agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693379	100 ml bottle - R2A agar - ClearLine®	10	N/A -

Rappaport Vassilliadis (RV - Broth)

For the selective enrichment of salmonella in foodstuffs.

- **Storage: 2 - 25 °C (for dehydrated base) and 2 - 8 °C (for ready-to-use media)**
- **Incubation: 30 - 35 °C for 18 - 24 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777355	Dehydrated Medium Rappaport Vassilliadis Broth - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693414	10 ml tube - Rappaport Vassilliadis broth - ClearLine®	100	N/A -
693380	100 ml bottle - Rappaport Vassilliadis broth - ClearLine®	10	N/A -

Rappaport Vassilliadis Soja (RVS - Broth)

For the selective enrichment of salmonella in foodstuffs or pharmaceutical products.

- **Storage: 2 - 25 °C (for dehydrated base) and 2 - 8 °C (for ready-to-use media)**
- **Incubation: 41.5 ± 1 °C for 24 ± 3 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777357	Dehydrated Medium Rappaport Vassilliadis soy broth ISO 6579 / ISO 11133 / ISO 19250 - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693415	10 ml tube - Rappaport Vassilliadis soy broth - ClearLine®	100	N/A -

Ringer

Thinner for general use in the dairy industry.

- **Storage: 20 - 25 °C**

Cat. No.	Description	Units/ box	€/ box
693406	ClearLine® Ringer tablets (1/4 solution)	100	N/A -
693348	ClearLine® 1/4 Ringer solution - 90 ml bottle	10	N/A -

Rogosa SL (Broth)

For the selection and cultivation of lactobacilli.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 18 - 48 h**

Cat. No.	Description	Pack.	€
777361	Dehydrated Medium Rogosa SL broth - Condalab	500 g	N/A -

Rogosa SL (Agar)

For the selection and cultivation of lactobacilli.

- **Storage: 2 - 25 °C**
- **Incubation: 35 °C ± 2 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777360	Dehydrated Medium Rogosa SL agar - Condalab	500 g	N/A -

Rose Bengal + Chloramphenicol (Agar)

A medium for the enumeration of yeasts and moulds in foods.

- **Storage: 2 - 25 °C**
- **Incubation: 25 - 30 °C for 7 days**

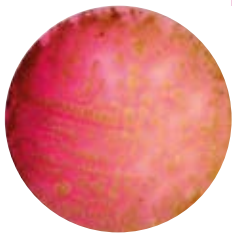
Cat. No.	Description	Pack.	€
777362	Dehydrated medium Rose Bengal agar + chloramphenicol - Condalab	500 g	N/A -

Rose Bengal + Chloramphenicol + Dichloran ISO 11133 / ISO 21527 (DRBC - Agar)

A medium for the enumeration of yeasts and moulds in foods.

- **Storage: 2 - 25 °C**
- **Incubation: 25 ± 1 °C for 5 days**

Cat. No.	Description	Pack.	€
777363	Dehydrated medium Rose Bengal agar + chloramphenicol + Dichloran - Condalab	500 g	N/A -
693360	DRBC Agar 100 ml bottle - ClearLine®	10	N/A -



Aspergillus brasiliensis

Rothe (Broth)

Used for the enumeration of faecal enterococci.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777364	Dehydrated medium Rothe broth (Glucose broth with azide) - Condalab	500 g	N/A -

Glucose-rich sabouraud (Broth)

For the growth of a wide variety of yeasts and moulds.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 20 - 25 °C for 2 to 5 days**

Dehydrated base

Cat. No.	Description	Pack.	€
777371	Dehydrated medium sabouraud glucose agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693416	10 ml tube of sabouraud glucosed broth - ClearLine®	100	N/A -
693381	100 ml bottle of sabouraud glucosed broth - ClearLine®	10	N/A -

Sabouraud glucose (Agar)

For the growth and isolation of a wide variety of yeasts and moulds.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 20 - 25 °C for 2 to 5 days**

Dehydrated base

Cat. No.	Description	Pack.	€
777366	Dehydrated medium sabouraud glucose agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693382	100 ml bottle of sabouraud glucose agar - ClearLine®	10	N/A -
693450	200 ml bottle of sabouraud glucose agar - ClearLine®	6	N/A -

Sabouraud + chloramphenicol (Agar)

For the growth and isolation of a wide variety of yeasts and moulds.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 20 - 25 °C for 2 to 5 days**

Dehydrated base

Cat. No.	Description	Pack.	€
777368	Dehydrated medium glucosed sabouraud agar + chloramphenicol - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693439	Tube with Glucose sabouraud slant tube + chloramphenicol - ClearLine®	100	N/A -
693383	100 ml bottle of sabouraud glucose agar + chloramphenicol - ClearLine®	10	N/A -
693451	200 ml bottle of sabouraud glucose agar + chloramphenicol - ClearLine®	6	N/A -

Sabouraud + chloramphenicol + cycloheximide (Agar)

Allows the growth and isolation of a wide variety of yeasts and moulds. Chloramphenicol inhibits the growth of bacteria. Cycloheximide inhibits the growth of saprophytic fungi but has no effect on pathogenic fungi.

- **Storage: 2 - 25 °C (dehydrated base) - 2 - 8 °C (ready-to-use medium)**
- **Incubation: 30 °C for 2-5 days**

Dehydrated base

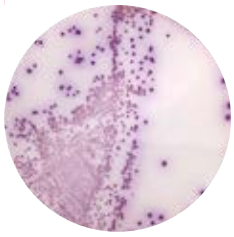
Cat. No.	Description	Pack.	€
777370	Dehydrated medium glucosed sabouraud agar + chloramphenicol + cycloheximide - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693440	Slant agar tube with sabouraud glucose + chloramphenicol + cycloheximide - ClearLine®	100	N/A -
693332	200 ml bottle sabouraud glucose agar + chloramphenicol + cycloheximide - ClearLine®	6	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Salmonella chromogenic agar



Medium for the isolation of Salmonella spp. from clinical samples, water and food industries.

- **Storage: 2 - 8 °C**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

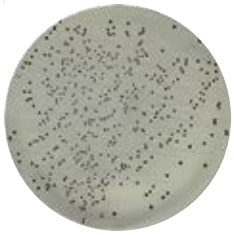
Cat. No.	Description	Pack.	€
777376	Chromogenic base medium for Salmonella isolation - Condalab	500 g	N/A -

Supplement

- **Antibiotic mix - To be reconstituted in 5 ml of sterile distilled water**

Cat. No.	Description	Pack.	€
778404	Antibiotic mix supplement	10 bottles for 500 ml	N/A -

Slanetz and Bartley (Agar)

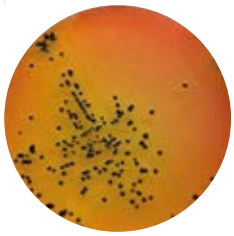


Used for the isolation and enumeration of enterococci in water, foodstuffs by membrane filter technique or isolation on Petri dishes. According to ISO 11133 / ISO 7899-2.

- **Storage: 2 - 25 °C**
- **Incubation: 36 ± 2 °C for 44 ± 4 h**

Cat. No.	Description	Pack.	€
777389	Dehydrated medium Slanetz and Bartley agar - Condalab	500 g	N/A -

S.S. (Salmonella Shigella - Agar)



Salmonella typhimurium

For the selection and isolation of Salmonella and Shigella.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

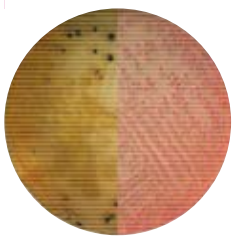
Dehydrated base

Cat. No.	Description	Pack.	€
777378	Dehydrated medium S.S. agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693385	100 ml bottle of S.S. agar - ClearLine®	100	N/A -

Modified S.S. (Salmonella Shigella - Agar)



Salmonella typhimurium — Shigella sonnei

For the selection and isolation of Salmonella and Shigella.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777379	Dehydrated Medium Modified S.S. agar - Condalab	500 g	N/A -

Selenite (Broth)

Used for the selective enrichment of Salmonella in water, foodstuffs and clinical samples.

- **Storage: 2 - 8 °C**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777390	Dehydrated Medium Selenite agar - Condalab	500 g	N/A -

Selenite cystine (Broth)

For the selective enrichment of Salmonella in water or foodstuffs.

- **Storage: 2 - 8 °C**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777385	Dehydrated medium Selenite cystine agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693417	10 ml tube of Selenite Cystine agar - ClearLine®	100	N/A -
693386	100 ml bottle of Selenite Cystine agar - ClearLine®	10	N/A -

SIM (Agar)

Semi-solid medium for the differentiation of enterobacteria.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777387	Dehydrated medium SIM agar - Condalab	500 g	N/A -

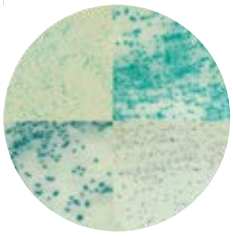
SPS (Sulfite Polymyxin Sulfadiazine - Agar)

For the isolation and enumeration of clostridium perfringens in foods.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777391	Dehydrated medium SPS agar - Condalab	500 g	N/A -

Staphylococcus (Chromogenic agar)



Chromogenic medium for the detection and differentiation of different staphylococcal species.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 24 - 48 h**

Green colonies: Staphylococcus epidermidis
Blue-green colonies: Staphylococcus saprophyticus
Magenta colonies: Staphylococcus aureus

Cat. No.	Description	Pack.	€
778437	Chromogenic medium for Staphylococci - Condalab	500 g	N/A -

Iron sulfite agar ISO 15213

For the enumeration of sulphate-reducing bacteria under anaerobic conditions.

- **Storage: 2 - 25 °C**
- **Incubation: 37 ± 1 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777844	Dehydrated Medium iron sulphate agar - Condalab	500 g	N/A -

TAT (Broth)

For the detection of bacterial contamination. Soy lecithin and Tween® 20 neutralise the conservatives.

- **Storage: 2 - 8 °C**
- **Incubation: 35 ± 2 °C for 18 - 48 h**

Cat. No.	Description	Units/ box	€/ box
693403	90 ml bottle of TAT broth + Tween®20 - ClearLine®	10	N/A -

T.B.S. (Tryptone bile salt agar) ISO 9308-1

Used for the detection and enumeration of Escherichia coli and other coliforms in water by the membrane filtration technique.

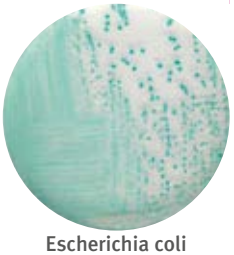
- **Storage: 2 - 25 °C**
- **Incubation: The membrane is first incubated at 36 °C for 2 - 4 hours on TSA agar and then transferred to TBS agar for incubation at 44 ± 0.5 °C for 19 - 20 h**

Cat. No.	Description	Pack.	€
777414	Dehydrated medium TBS agar - Condalab	500 g	N/A -

T.B.X. (Tryptone Bile x-Glucuronide - Chromogenic agar)

For the detection and enumeration of Escherichia coli in food.

- **Storage: 2 - 25 °C (dehydrated base) and 2 - 8 °C in the absence of light (ready-to-use medium)**
- **Incubation: 44 ± 1 °C for 21 ± 3 h**



Escherichia coli

Dehydrated base

Cat. No.	Description	Pack.	€
777398	Dehydrated medium TBX agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693388	100 ml bottle TBX agar - ClearLine®	10	N/A -
693452	200 ml bottle TBX agar - ClearLine®	6	N/A -

TCBS

Used for the isolation of Vibrio cholerea and parahaemolyticus and most other enteropathogenic Vibrio species, mainly from fish and seafood.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777399	Dehydrated medium TCBS agar - Condalab	500 g	N/A -

Tergitol 7

See Chapman TTC

Tetrathionate (Broth)

For the selective enrichment of salmonella in food, water.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777400	Dehydrated medium tetrathionate broth - Condalab	500 g	N/A -

Supplements

- **Add 20 ml of an iodine-iodide solution (6 g of iodine and 5 g of potassium iodide in 20 ml of water) to 10 ml of medium**

Cat. No.	Description	Pack.	€
348454-CER	Iodine	100 g	N/A -
362405-CER	Potassium iodide	250 g	N/A -

Thioglycolate with resazurin (Broth)

Used to detect the presence of viable aerobic, microaerobic, and anaerobic microorganisms in normally sterile products.

- **Storage: 2 - 25 °C (dehydrated base and ready-to-use medium)**
- **Incubation: 30 - 35 °C for 3 days**

Dehydrated base

Cat. No.	Description	Pack.	€
777402	Dehydrated medium thioglycolate fluid medium with resazurin - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693418	10 ml tube of thioglycolate broth with resazurin - ClearLine®	100	N/A -
693389	100 ml bottle of thioglycolate broth with resazurin - ClearLine®	10	N/A -

Tryptone Soy Agar (Agar)

Used for the detection and enumeration of Escherichia coli and other coliforms in water by the membrane filtration technique according to ISO 9308-1.

- **Storage: 2 - 25 °C**
- **Incubation: 36 ± 2 °C for 21 ± 3 h**

Cat. No.	Description	Pack.	€
777415	Trypticasein Soy Agar (TSA) - Condalab	500 g	N/A -

T.S.A. (Trypticasein Soy Agar) (Agar)

A general purpose medium for the growth and isolation of a wide variety of micro-organisms. It can be supplemented with 5-7% sans to determine haemolytic reactions.

- **Storage: 2 - 25 °C (dehydrated base) - 2 - 8 °C (ready-to-use medium)**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777410	Trypticasein Soy Agar (TSA) - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693390	Trypticase soy agar (TSA) 100 ml bottle - ClearLine®	10	N/A -
693455	Trypticase soy agar (TSA) 200 ml bottle - ClearLine®	6	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

T.S.B. (Trypticasein Soy Broth)

A general purpose medium, allowing the growth of a wide variety of micro-organisms. It is recommended by the European and American pharmacopoeia.

➤**Storage: 2 - 25 °C (Dehydrated base and ready-to-use medium)**

➤**Incubation: 30 ± 1 °C for 48 ± 4 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777413	Trypticasein Soy Broth (TSB) - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Units/ box	€/ box
693419	10 ml tube with Tryptic soy broth (TSB) - ClearLine®	100	N/A -
693404	100 ml bottle with Tryptic soy broth (TSB) - ClearLine®	10	N/A -
693454	200 ml bottle with Tryptic soy broth (TSB) - ClearLine®	6	N/A -

T.S.C. (Tryptose sulphite cycloserine - Agar)

Recommended for the detection and enumeration of Clostridium perfringens and sulphite-reducing anaerobes in water and food products.

➤**Storage: 2 - 25 °C (dehydrated base) - 2 - 8 °C (ready-to-use medium)**

➤**Incubation: 37 °C for 20 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777424	Dehydrated medium T.S.C. - Condalab	500 g	N/A -

Supplement

For 500 ml of medium.

Cat. No.	Description	Pack.	€
777524	Supplement D - Cycloserine for T.S.C. agar - Condalab	10 bottles for 500 ml	N/A -

T.S.I. (Triple Sugar Iron - Agar) ISO 19250


Escherichia coli

Used for presumptive identification of Enterobacteriaceae based on fermentation of glucose, lactose, sucrose and the production of gas and H_2S. Its use is recommended for the detection of salmonella in pharmaceuticals, and for the detection of salmonella and campylobacter in food.

➤**Storage: 2 - 25 °C**

➤**Incubation: 36 ± 2 °C for 24 ± 3 h**

Cat. No.	Description	Pack.	€
777407	Dehydrated medium T.S.I. agar - Condalab	500 g	N/A -

T.S.N. (Tryptone sulfite with neomycin)

Recommended for the detection and enumeration of Clostridium perfringens and sulphite reducing anaerobes in certain foods.

➤**Storage: 2 - 25 °C (dehydrated base) and 2 - 8 °C (ready-to-use medium)**

➤**Incubation: 48 ± 1 °C for 18 - 24 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777416	Dehydrated medium T.S.N. agar - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Pack.	€
693420	20 ml tube of T.S.N. agar - ClearLine®	100	N/A -

Tryptone

Used as a source of nitrogen.

➤**Storage: 2 - 25 °C**

Cat. No.	Description	Pack.	€
777472	Tryptone - Condalab	500 g	N/A -

Tryptone salt

See Peptone salt page 581

Tryptose sulphite

For the detection of clostridium perfringens.

➤**Storage: 2 - 25 °C**

➤**Incubation: 37 ± 1 °C for 20 ± 4 h; 44 ± 4 h**

Cat. No.	Description	Pack.	€
777422	Dehydrated Medium Tryptone Sulphite Agar - Condalab	500 g	N/A -

T.S.Y.E.A. Agar (Tryptone Soy Yeast Extract Agar)

For confirmation of Listeria spp

➤**Storage: 2 - 25 °C**

➤**Incubation: 37 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777416	Dehydrated medium for T.S.Y.E.A agar - Condalab	500 g	N/A -

T.S.Y.E.B. (Tryptone Soy Broth Yeast Extract)

For confirmation of Listeria monocytogenes.

➤**Storage: 2 - 25 °C**

➤**Incubation: 25 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777417	Dehydrated medium for T.S.Y.E.B broth - Condalab	500 g	N/A -

U.B.A. (Universal beer Agar) (Agar)

For the cultivation of important bacteria in the beer industry.

➤**Storage: 2 - 25 °C**

➤**Incubation: 28 - 30 °C for 3 days**

Cat. No.	Description	Pack.	€
777888	Dehydrated medium for U.B.A. agar - Condalab	500 g	N/A -

Indole Urea (Broth) - ISO 10273

Broth for urease-based differentiation of enterobacteria and indole production and tryptophan transdeamination (TDA).

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 18 - 24 h**



Cat. No.	Description	Pack.	€
777428	Dehydrated medium urea indole broth - Condalab	500 g	N/A -

Supplement

For 1000 ml of medium.

Cat. No.	Description	Bottle	€
528771-CER	Denatured ethanol 95%	1 l	N/A -

Brilliant Green Bile 2 %

See BLBVB page 567

Brilliant green with tetrathionate (Broth)

Medium for the enrichment of salmonella in food and water.

- **Storage: 2 - 8 °C**
- **Incubation: 35 ± 2 °C for 24 h**

Cat. No.	Description	Pack.	€
777204	Dehydrated medium bright green broth mixed with tetrathionate - Condalab	500 g	N/A -

Bright Green Phenol Red (Kristensen Agar) ISO 19250 / ISO 6579

Recommended for the detection of Salmonella other than Salmonella typhi in food and pharmaceutical products.
It is a very selective medium for Salmonella. The high level of bright green inhibits the growth of Gram-positive and most Gram-negative bacteria. The use of this medium for the isolation of enterobacteria is not recommended. Similarly, there is little or no growth of typhoid salmonella and shigella.

- **Storage: 2 - 25 °C**
- **Incubation: 35 ± 2 °C for 18 - 24 h**

Cat. No.	Description	Pack.	€
777198	Dehydrated medium bright green phenol red agar - Condalab	500 g	N/A -

Liver meat (Agar)

Recommended for the detection and enumeration of sulphite-reducing clostridium spores in food products.

- **Storage: 2 - 8 °C**
- **Incubation: 37 °C for 24 - 48 h**

Cat. No.	Description	Units/ box	€/ box
693421	20 ml tube of Meat & Liver agar, complete - ClearLine®	6	N/A -
693392	100 ml bottle of Meat & Liver agar, complete - ClearLine®	10	N/A -

V.R.B.G. (Violet Red Bile Glucose)

VRBG agar is recommended for the detection and enumeration of Enterobacteriaceae in foods.

- **Storage: 2 - 25 °C (dehydrated base)**
  2 - 25 °C in the dark (ready-to-use medium)
- **Incubation: 30 - 35 °C for 18 - 24 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777431	Dehydrated agar medium V.R.B.G. - Condalab	500 g	N/A -

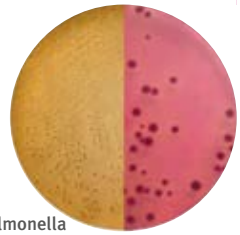
Ready-to-use media

Cat. No.	Description	Units/ box	€/ box
693393	100 ml bottle of V.R.B.G. agar - ClearLine®	10	N/A -
853077B	V.R.B.G. contact box	20	N/A -

V.R.B.L. (Violet Red Bile Lactose)

VRBL agar is recommended for the detection of coliforms in food and dairy products.

- **Storage: 2 - 25 °C (dehydrated base)**
  2 - 25 °C in the dark
  (ready-to-use medium)
- **Incubation: 30 - 35 °C for 18 - 24 h**



Dehydrated base

Cat. No.	Description	Pack.	€
777432	Dehydrated agar medium V.R.B.L. - Condalab	500 g	N/A -

Ready-to-use media

Cat. No.	Description	Units/ box	€/ box
693394	100 ml bottle of V.R.B.L. agar - ClearLine®	10	N/A -
853074B	V.R.B.L. contact box	20	N/A -

WL (differential agar)

For the selection and control of microbial flora in fermented products, especially beer.

- **Storage: 2 - 25 °C**
- **Incubation: 30 °C for 24 - 48 h**

Cat. No.	Description	Pack.	€
777437	Dehydrated agar medium W.L. - Condalab	500 g	N/A -

WORT (Broth)

For the determination of yeast.

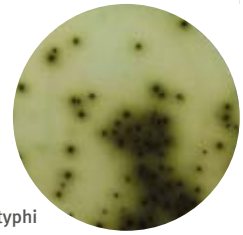
- **Storage: 2 - 8 °C**
- **Incubation: 30 °C for 48 h**

Cat. No.	Description	Pack.	€
777895	Dehydrated broth medium WORT - Condalab	500 g	N/A -

Wilson Blair (agar) - Bismuth Sulphite Agar

A highly selective medium recommended for the detection of Salmonella, especially Salmonella typhi, in clinical specimens, dairy products and foodstuffs.

- **Storage 8 - 15 °C**
- **Incubation: 35 - 37 °C for 24 - 48 h**



Cat.No.	Description	Pack.	€
777192	Dehydrated Medium Wilson Blair Agar - Condalab	500 g	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

X.L.D. (Xylose Lysine Deoxycholate Agar) ISO 6579

Selective medium for Enterobacteriaceae and particularly for Salmonella and Shigella. It allows an orientation of the identification of enterobacteria based on 3 criteria: fermentation of sugars, decarboxylation of lysine and production of H_2S.

- **Storage: 2 - 25 °C**
- **Incubation: 37 °C for 24 ± 3 h**

Cat. No.	Description	Pack.	€
777440	Dehydrated Medium X.L.D. agar - Condalab	500 g	N/A -

X.L.D. (Xylose Lysine Deoxycholate Agar) European Pharmacopeia / USP



Salmonella typhimurium

Selective medium for Enterobacteriaceae and particularly for Salmonella and Shigella. It allows an orientation of the identification of enterobacteria based on 3 criteria: fermentation of sugars, decarboxylation of lysine and production of H_2S. It is recommended by the European and American pharmacopoeia.

- **Storage: 2 - 25 °C (dehydrated base) and 2 - 8 °C protected from light (ready-to-use medium)**
- **Incubation: 30 - 35 °C for 18 - 48 h**

Dehydrated base

Cat. No.	Description	Pack.	€
777441	Dehydrated Medium X.L.D. agar - Condalab	500 g	N/A -

XLT 4 (Agar)

Significantly improves the detection of non-typhi salmonella in chicken samples and farm environment samples.

- **Storage: 2 - 25 °C (dehydrated base)**
- **Incubation: 30 ± 2 °C for 18 - 48 h**

Cat. No.	Description	Pack.	€
777442	Dehydrated medium XLT4 agar - Condalab	500 g	N/A -

Supplement

For 1000 ml of medium.

- **4.60 ml 7-ethyl-2-methyl-4-undecanol solution (Tergitol 4®)**

Cat. No.	Description	Units/ box	€/ box
777806	Supplement for XLT4 Agar	100 ml	N/A -

Yeast Extract (Yeast Extract Agar)

For the cultivation of yeasts and moulds, especially in milk and dairy products.

- **Storage: 2 - 25 °C**
- **Incubation: 28 °C for 7 days**

Cat. No.	Description	Pack.	€
777444	Dehydrated Medium Yeast extract agar - Condalab	500 g	N/A -

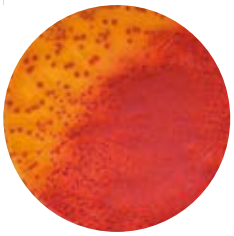
Yeast Mold (Broth)

For the cultivation of yeasts and moulds.

- **Storage: 2 - 25 °C**
- **Incubation: 30 °C ± 2 °C for 18 - 72 hours**

Cat. No.	Description	Pack.	€
777898	Dehydrated Medium broth for yeasts and moulds - Condalab	500 g	N/A -

Yersinia (selective agar) ISO 10273



Yersinia enterocolitica

Selective medium for yersinia enterocolitica.

- **Storage: 2 - 25 °C**
- **Incubation: 30 °C for 24 hours**

Cat. No.	Description	Pack.	€
777446	Dehydrated medium for Yersinia selective agar - Condalab	500 g	N/A -

Y.G.C. (Yeast Glucose Chloramphenicol - Broth)

For the selection and enumeration of yeasts and moulds in milk and dairy products by the MPN method.

- **Storage: 2 - 25 °C**
- **Incubation: 25 - 30 °C for 3 - 5 days**

Cat. No.	Description	Pack.	€
777260	Dehydrated Medium for Yeast glucose chloramphenicol broth - Condalab	500 g	N/A -

Y.G.C. (Yeast Glucose Chloramphenicol - Agar or Chloramphenicol Glucose Agar C.G.A.) ISO 6611

Recommended for the enumeration of yeasts and moulds in milk and foodstuffs.

- **Storage: 2 - 25 °C (dehydrated base) and 2 - 8 °C (dehydrated medium)**
- **Incubation: 25 °C for 5 days**

Dehydrated base

Cat. No.	Description	Pack.	€
777219	Dehydrated Medium Yeast Glucose Chloramphenicol Agar - Condalab	500 g	N/A -

YPD (Agar)

For the development of yeasts in molecular biology procedures, e.g. Saccharomyces cerevisiae.

- **Storage: 2 - 25 °C**
- **Incubation: 25 ± 2 °C for 42 - 48 h**

Cat. No.	Description	Pack.	€
777514	Dehydrated medium YPD agar - Condalab	500 g	N/A -

YPD (Broth)

For the development of yeasts in molecular biology procedures, e.g. Saccharomyces cerevisiae.

- **Storage: 2 - 25 °C**
- **Incubation: 25 ± 2 °C for 42 - 48 h**

Cat. No.	Description	Pack.	€
777515	Dehydrated medium YPD broth - Condalab	500 g	N/A -

BD Culture medium

LB Lennox Broth

For the cultivation of recombinant strains of *Escherichia coli* in molecular biology.

Cat. No.	Description	Pack.	€
240230	Dehydrated medium LB broth Lennox Difco™	500 g	N/A -

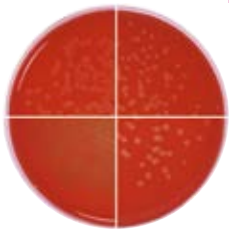
LB Miller Broth

For the cultivation of recombinant strains of *Escherichia coli* in molecular biology.

Cat. No.	Description	Pack.	€
244620	Dehydrated medium LB Miller Difco™ broth	500 g	N/A -

TSA Agar (Tryptic Soy Agar - Trypticase™ Soy Agar)

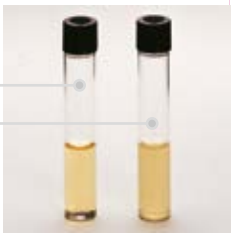
For the cultivation and isolation of fastidious and non-fastidious microorganisms.



Cat. No.	Description	Pack.	€
236950	Dehydrated medium TSA Difco™ agar	500 g	N/A -

TSB Broth (Tryptic Soy Broth- Trypticase™ Soy Broth)

For the cultivation and isolation of fastidious and non-fastidious microorganisms.



Cat. No.	Description	Pack.	€
211825	Dehydrated medium TSB Bacto™ Broth	500 g	N/A -

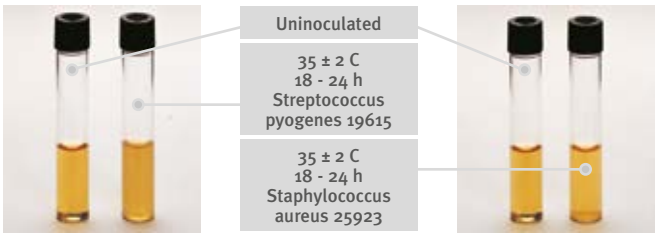
BHI Brain Heart Infusion Agar

For the cultivation of a wide range of organisms including bacteria, yeast and moulds.

Cat. No.	Description	Pack.	€
241830	Dehydrated medium Brain-Heart Infusion Agar (BHI Agar) Difco™	500 g	N/A -

BHI Brain Heart Infusion Broth

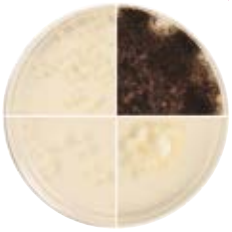
For the cultivation of a wide range of organisms including bacteria, yeast and moulds.



Cat. No.	Description	Pack.	€
237500	Dehydrated medium Brain-Heart Infusion Agar (BHI agar) Bacto™ medium	500 g	N/A -

Potato Dextrose Agar (PDA)

For the cultivation and isolation of yeasts and moulds.



Cat. No.	Description	Pack.	€
213400	Dehydrated medium Brain-Heart potato dextrose agar (PDA) Difco™	500 g	N/A -

Potato Dextrose Broth (PDB)

For the cultivation and isolation of yeasts and moulds.

Cat. No.	Description	Pack.	€
254920	Dehydrated medium potato dextrose broth (PDB) Difco™	500 g	N/A -

Chapman agar (MSA: Mannitol Salt Agar)

For the isolation and enumeration of staphylococci.



Cat. No.	Description	Pack.	€
211407	Dehydrated medium Chapman's agar (MSA): Mannitol Salt Agar) BBL™	500 g	N/A -

Sabouraud dextrose agar

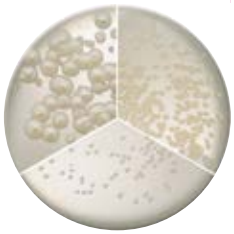
For the cultivation of pathogenic and non-pathogenic moulds.



Cat. No.	Description	Pack.	€
210950	Dehydrated medium Sabouraud Difco™ agar	500 g	N/A -
211584	Dehydrated medium Sabouraud BBL™ agar	500 g	N/A -

PCA ISO 4833 agar

For the cultivation of microorganisms in milk, dairy products, food, water.



Cat. No.	Description	Pack.	€
247940	Dehydrated medium PCA Difco™ agar	500 g	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Media and products for bacteriology





Specific microbiology products:
- 1) Media prepared in tubes
- 2) Media prepared in vials
- 3) Dehydrated media

Ingredients:
- Agars for different applications (microbiology, food, pharmacy and in vitro culture);
- Peptones of plant and animal origin with BSE certificates;
- Carbohydrates, Glucosides, Additives and Supplements.

Products complying with the standards of the European Pharmacopoeia (Eu. Pharm.), FDA, APHA, USP, AOAC and CeNAN, European Community (EC) stamped and ISO 9001:2000 certified.



Your specialist contact
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Broths

Cat. No.	Description	Weight	€
777250	EVA broth (Ethyl Violet azide broth)	500 g	N/A -
777258	Giolitti broth (ISO 5944/6888)	500 g	N/A -
777323	Mueller Hinton Broth	500 g	N/A -
777167	Acetamide broth	500 g	N/A -
777168	Acetamide broth (UNE-EN 12780)	500 g	N/A -
777181	Asparagine broth	500 g	N/A -
777276	Koser broth according to citrate	500 g	N/A -
777342	Phenol red dextrose broth	500 g	N/A -
777340	Phenol red base broth	500 g	N/A -
777190	Bile-esculin azide broth	500 g	N/A -
777206	Brucella Broth	500 g	N/A -
777253	Fecal coliform base broth (m-FC)	500 g	N/A -
777349	PPLO base broth without crystal violet	500 g	N/A -
777261	G.N. Enriched broth (hajna)	500 g	N/A -
777254	FMM Broth	500 g	N/A -
777291	Liver broth	500 g	N/A -
777287	Listeria-enriched Fraser broth (ISO 11290-1)	500 g	N/A -
777262	Heart infusion broth	500 g	N/A -
777269	KF Streptococcal Broth	500 g	N/A -
777343	Lactose broth with phenol red (salts)	500 g	N/A -
777293	LPT broth dilution	500 g	N/A -
777311	Marine broth	500 g	N/A -
777312	Modified glutamate mineral broth	500 g	N/A -
777229	Czapek-DOX modified broth	500 g	N/A -
777421	Tryptose phosphate broth	500 g	N/A -
777374	Sabouraud maltose broth	500 g	N/A -
777344	Saccharose broth with phenol red	500 g	N/A -
777384	Schaedler Broth	500 g	N/A -
777396	Streptococcus select broth (streptosel broth)	500 g	N/A -
777401	Thioglycollate broth (NIH, USP)	500 g	N/A -
777405	Todd-Hewitt Broth	500 g	N/A -
777420	Tryptosis broth	500 g	N/A -
777235	Dextrose broth (glucose broth)	500 g	N/A -

Peptone water

Cat. No.	Description	Weight	€
777338	Peptone water	500 g	N/A -
777339	Peptone water with lactose (ISO 9308-1)	500 g	N/A -
777375	Saline peptone water	500 g	N/A -
777209	Buffered peptone water	500 g	N/A -
777210	Salt buffered peptone water	500 g	N/A -

Agars

Cat. No.	Description	Weight	€
777244	ENDO LES agar base	500 g	N/A -
777255	G.C. agar base	500 g	N/A -
777333	Nutrient gelatine	500 g	N/A -
777166	Acetamide agar	500 g	N/A -
777170	Geloseaeromonas (ryan)	500 g	N/A -
777225	CNA columbia agar	500 g	N/A -
777388	Simmons citrate agar	500 g	N/A -
777274	Kligler iron agar	500 g	N/A -
777275	Kligler iron agar (ISO 10273)	500 g	N/A -
777341	Phenol Red Dextrose Agar	500 g	N/A -
777280	Lauryl sulfate agar	500 g	N/A -
777200	Bright green bile agar	500 g	N/A -
777199	Bright green bile agar (ISO 6579:1998)	500 g	N/A -
777354	Raka-Ray base agar	500 g	N/A -
777188	Biggie agar	500 g	N/A -
777433	Red violet agar + bile salts + lactose + glucose (VRBLG)	500 g	N/A -
777205	Brucella agar	500 g	N/A -
777220	Cled agar	500 g	N/A -
777221	Cled agar with andrade indicator	500 g	N/A -

Cat. No.	Description	Weight	€
777226	Corn meal agar	500 g	N/A -
777418	Tryptophan culture agar (ISO 9308-1)	500 g	N/A -
777211	Burkholderia Cepacia base agar	500 g	N/A -
777193	Blood base agar	500 g	N/A -
777194	Blood base agar + nalidixic acid	500 g	N/A -
777184	Baird Parker Base Agar (European. pharma)	500 g	N/A -
777195	Bordet-Gengou base agar	500 g	N/A -
777214	Campylobacter base agar (Preston)	500 g	N/A -
777222	Clostridium perfringens base agar (m-cp)	500 g	N/A -
777252	Fecal coliform base agar (M-FC)	500 g	N/A -
777282	Legionella Cye Base Agar	500 g	N/A -
777348	PPLO base agar without crystal violet	500 g	N/A -
777351	Pseudomonas base agar CN (UNE EN 12780)	500 g	N/A -
777182	Blood azide base agar	500 g	N/A -
777212	Calcium caseinate agar	500 g	N/A -
777231	Deoxycholate agar	500 g	N/A -
777232	Deoxycholate citrate agar (European. pharma)	500 g	N/A -
777233	Deoxycholate lactose agar	500 g	N/A -
777234	Dextrose agar	500 g	N/A -

Media and products for bacteriology (continued)

Agars (continued)

Cat. No.	Description	Weight	€
777237	Dichloran-glycerol agar (DG18)	500 g	N/A -
777236	DNase test agar	500 g	N/A -
777246	Eosin methylene blue agar (EMB)	500 g	N/A -
777249	Eugon agar	500 g	N/A -
777443	Yeast extract agar (ISO 6222)	500 g	N/A -
777444	Yeast extract mould agar	500 g	N/A -
777417	Tryptone yeast extract agar (ISO 11290-2)	500 g	N/A -
777290	Liver agar	500 g	N/A -
777259	Chloramphenicol glucose agar	500 g	N/A -
777322	II Mueller Hinton Agar	500 g	N/A -
777268	Streptococcal KF agar	500 g	N/A -
777273	King F.G. Agar	500 g	N/A -
777277	Lactose agar with bromothymol blue and crystal violet	500 g	N/A -
777300	Mac Conkey agar with sorbitol	500 g	N/A -
777299	Mac Conkey Agar #2	500 g	N/A -
777302	Mac Conkey agar without crystal violet without sodium chloride	500 g	N/A -
777245	M-enterococcus agar	500 g	N/A -
777228	Czapek-DOX modified agar	500 g	N/A -
777326	Mycobiotic agar (Fungal selective agar)	500 g	N/A -
777329	Nutrient agar (D.E.V. regulations)	500 g	N/A -
777331	Nutrient agar (D.E.V. regulations) ISO 21528-1	500 g	N/A -
777438	Nutrient W.L. agar	500 g	N/A -
777330	Nutrient agar (D.E.V. regulations) UNE-EN 12780:2002	500 g	N/A -
777336	Orange serum agar	500 g	N/A -
777345	Phenylalanine agar	500 g	N/A -
777346	Potato dextrose agar (European. pharma)	500 g	N/A -
777358	Clostridial Enhanced Agar	500 g	N/A -
777367	Sabouraud dextrose agar + chloramphenicol (European. pharma)	500 g	N/A -
777369	Sabouraud dextrose agar + chloramphenicol + cycloheximide	500 g	N/A -
777373	Sabouraud maltose agar	500 g	N/A -
777380	Salmonella shigella agar with deoxycholate and calcium chloride (SSDC) ISO 10243:2003	500 g	N/A -
777383	Schaedler agar	500 g	N/A -
777386	Sellers Agar	500 g	N/A -
777445	Yeast extract soy agar	500 g	N/A -
777394	Staphylococcus agar n°110	500 g	N/A -
777395	Enterococcus select. agar (enterosel agar)	500 g	N/A -
777409	Trypticasein agar with glucose extract	500 g	N/A -
777411	Trypticasein Soy Agar (T.S.A.) n°2	500 g	N/A -
777419	Tryptose agar	500 g	N/A -
777434	Vogel-Johnson agar	500 g	N/A -
777439	Wort Agar	500 g	N/A -

Media for molecular biology

Cat. No.	Description	Weight	€
777753	SOC medium	500 g	N/A -
777503	SOB medium	500 g	N/A -
777495	Luria Broth (Miller Broth LB)	500 g	N/A -
777494	Luria Agar (Miller LB Agar)	500 g	N/A -
777515	YPD Broth	500 g	N/A -
777514	YPD agar	500 g	N/A -
778489	Self-replicating base broth with trace elements	500 g	N/A -
778388	AIM super growth without trace elements	500 g	N/A -
777501	LBs broth	500 g	N/A -
777752	LBs agar	500 g	N/A -
777491	Bouillon LB (Lennox)	500 g	N/A -
777490	LB agar (Lennox)	500 g	N/A -

Media with antibiotic

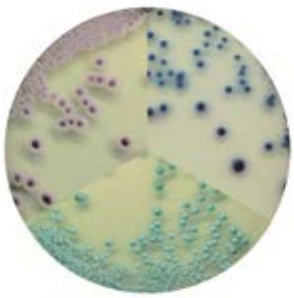
Cat. No.	Description	Weight	€
777936	Luria agar with ampicillin 100 µg/ml	500 g	N/A -
777937	Luria agar with ampicillin 50 µg/ml	500 g	N/A -
777938	LB agar with kanamycin 50 µg/ml	500 g	N/A -
777939	Luria agar with kanamycin 50 µg/ml	500 g	N/A -
777940	Luria agar with chloramphenicol 34 µg/ml	500 g	N/A -

Chromogenic media

Cat. No.	Description	Weight	€	Supplement	€
777215	Candida Chromogenic Agar	500 g	N/A -	-	-
777318	MRSA Chromogenic agar	500 g	N/A -	777772	N/A -
777429	UTIC chromogenic agar (urinary tract infection)	500 g	N/A -	-	-
777861	Modified MRSA chromogenic agar	500 g	N/A -	777772	N/A -
778390	Vibrio Chromogenic Agar	500 g	N/A -	-	-
778427	Chromogenic E.coli coliform agar	500 g	N/A -	-	-
778429	ESBL Chromogenic agar	500 g	N/A -	-	-
778431	Klebsiella chromogenic agar	500 g	N/A -	-	-
778433	KPC Chromogenic agar	500 g	N/A -	-	-
778438	Vancomycin resistant chromogenic enterococci agar	500 g	N/A -	-	-

Other media

Cat. No.	Description	Weight	€
777359	Clostridial enhanced medium (pharma. pharma)	500 g	N/A -
777165	A1 medium	500 g	N/A -
777175	Antibiotic medium n°1 inoculation agar	500 g	N/A -
777180	Antibiotic medium n°11 Neomycin test agar	500 g	N/A -
777176	Antibiotic medium n°2 basic agar	500 g	N/A -
777177	Antibiotic medium n°3	500 g	N/A -
777178	Antibiotic medium n°5 streptomycin test agar	500 g	N/A -
777179	Antibiotic medium n°8 basic agar with low pH	500 g	N/A -
777334	Basal medium O.F.	500 g	N/A -
777227	C.T.A. medium	500 g	N/A -
777172	Amies Transport medium with coal	500 g	N/A -
777173	Amies Transport medium without coal	500 g	N/A -
777216	Cary and Blair Transport medium	500 g	N/A -
777397	Stuart Transport medium	500 g	N/A -
777270	King A medium (pseudomonas P agar) USP	500 g	N/A -
777272	King B medium (UNE-EN 12780:2002)	500 g	N/A -
777264	Indole nitrate medium	500 g	N/A -
777430	Plant peptone medium	500 g	N/A -
777372	Sabouraud fluid medium	500 g	N/A -
777381	San Francisco medium	500 g	N/A -
777403	Medium without thioglycolate indicator (USP)	500 g	N/A -
777404	Thioglycolate medium (USP ISO 7937)	500 g	N/A -
777408	Trypticasein-dextrose medium	500 g	N/A -
777427	Urea medium	500 g	N/A -
777428	Urea indole medium	500 g	N/A -
777435	Wilkins Chalgren Medium	500 g	N/A -
777436	Wilkins Chalgren II Medium	500 g	N/A -



Chromogenic media

All prices are indicative and exclude VAT. Visit www.dulis.nl

Media prepared in tubes

Cat. No.	Description	Vol.	€*/ bag with 20
777093	Urea indole Agar	10 ml	N/A -
777071B*	Bouillon 6 brain heart infusion	10 ml	N/A -
777079B*	Brilliant green bile broth with Durham tube	10 ml	N/A -
777094B*	Fraser listeria-enriched broth	10 ml	N/A -
777081	Giolitti - Cantoni broth	10 ml	N/A -
777083	Lactose broth	10 ml	N/A -
777084	Lauryl Sulfate Broth	10 ml	N/A -
777087	Selenite Cystine Broths	10 ml	N/A -
777074	Alkaline peptone water	10 ml	N/A -
777077	Buffered peptone water	10 ml	N/A -
777092B*	Urea agar	10 ml	N/A -
777089B*	Simmons citrate agar	10 ml	N/A -
777082B*	Kligler iron agar	10 ml	N/A -
777075	Soy casein agar	10 ml	N/A -
777091B*	Iron tripe sugar agar	10 ml	N/A -
777073	Nutrient agar	10 ml	N/A -
777095	Saboouraud agar	10 ml	N/A -
777102B*	Coletsos Media, long tube for mycobacteria	10 ml	N/A -
777080	EC medium	10 ml	N/A -
777105B*	Jensen Lowenstein medium with pyruvate for mycobacteria	10 ml	N/A -
777103B*	Jensen Lowenstein medium for mycobacteria	10 ml	N/A -
777104B*	Jensen Lowenstein long tube medium for mycobacteria	10 ml	N/A -
777086	Rappaport broth according to Vassiliadis with soya	10 ml	N/A -

* Packaging unit: 5 boxes of 20 - Price for 5 boxes of 20

Media prepared in vials

Cat. No.	Description	Vol.	€/ box with 10 units
777164	Fraser broth half enriched with listeria	225 ml	N/A -
777163	Listeria-enriched Fraser broth	225 ml	N/A -
777133B	Buffered peptone water	100 ml	N/A -
778472*	Buffered peptone water	90 ml	N/A -
778495**	Chapman mannitol and salt agar	100 ml	N/A -
777137B	Cetrimide base agar	100 ml	N/A -
777161B	Violet Red Bile Agar with Dextrose	100 ml	N/A -
777160B	Violet red bile agar with glucose	100 ml	N/A -
777145B	Mueller-Hinton agar	100 ml	N/A -
778476*	MacConkey agar	100 ml	N/A -
777154B	Standard method agar	100 ml	N/A -
778488*	Sabouraud dextrose agar	100 ml	N/A -
778442*	Sabouraud dextrose and chloramphenicol agar	100 ml	N/A -
778502*	Trypticase soy agar	100 ml	N/A -
777158B	Liquid thioglycolate medium	100 ml	N/A -
778490*	T.s.b. European Pharmacopoeia	100 ml	N/A -

* Packaging unit: Price for 5 boxes of 10
** Sales unit: Price for 15 boxes of 10

Pre-cast agar

- **Petri dish, diameter 90 mm**
- **Please note that the life of these media is on average 3 months from the date of manufacture**

Cat. No.	Description	Pack.	€
778468B	Bacillus cereus agar (MYP)	20	N/A -
777538	Baid Parker Agar (ISO)	20	N/A -
778467B	Baird Parker RPF Agar (ISO)	20	N/A -
778447B	Chocolate agar with VITOX	20	N/A -
778466B	Listeria chromogenic agar according to Ottaviani and Agosti (ALOA) - (ISO)	20	N/A -
778381B	Brain Heart Agar (BHI)	15 x 20	N/A -
778450B	Columbia agar with 5% sheep blood	20	N/A -
778451B	Columbia NAC agar with 5% sheep blood	20	N/A -
778448B	Hektoen agar (ISO)	20	N/A -
778457B	Legionella agar (CYE/GVPC) (ISO)	20	N/A -
778568	Legionella CYE agar (ISO)	20	N/A -
778569	Legionella CYE agar without cysteine (ISO)	20	N/A -
778479A	Luria agar (LB miller)	20	N/A -
778478	Luria agar (LB miller) with ampicillin (100 µg/ml)	15 x 20	N/A -
778591	Marine agar with cycloheximide	15 x 20	N/A -
778471B	Palcam agar (ISO)	20	N/A -
778577	Sweet potato agar EP/USP	20	N/A -
778505	Potato dextrose agar with chloramphenicol	15 x 20	N/A -
777750	Sabouraud dextrose agar with chloramphenicol EP/USP	20	N/A -
778475	Sabouraud dextrose agar EP/USP	100	N/A -
778535	Sabouraud TLHth EP/USP agar, double-wrapped and irradiated	20	N/A -
778449B	Salmonella shigella agar (SS)	20	N/A -
778494B	Blood agar n°2 (ISO)	20	N/A -
778464B	Slanetz and Bartkey agar (ISO)	20	N/A -
778486B	TBX agar (ISO)	20	N/A -
778576	TCBS agar (ISO)	20	N/A -
778491B	Trypticasein soy agar with 5% sheep blood	20	N/A -
778536	Tryptocasein Soy Agar (TSA) EP/USP/ISO Triple Wrapped Irradiated	20	N/A -
778485B	Tryptocasein Soy Agar (TSA) EP/USP/ISO	20	N/A -
778585	VRBG agar (EP/USP/ISO)	20	N/A -
778584	VRBL agar (ISO)	20	N/A -
778446B	XLD agar (EP/USP)	20	N/A -

Ingredients

Cat. No.	Description	Weight	€
777475	American bacteriological agar	500 g	N/A -
777476	European bacteriological agar	500 g	N/A -
777478	Yeast propagation agar (YPA)	500 g	N/A -
777477	Industrial agar	500 g	N/A -
777479	Pharmaceutical agar	500 g	N/A -
777480	Purified agar	500 g	N/A -
777451	Salt Bile No. 3	500 g	N/A -
777447	Casein peptone acid (H)	500 g	N/A -
777466	Pork brain and heart infusion	500 g	N/A -
777482	Dextrose	500 g	N/A -
777450	Beef extract	500 g	N/A -
777474	Yeast extract	500 g	N/A -
777462	Malt extract	500 g	N/A -
777459	Heart Infusion	500 g	N/A -
777467	Pork heart infusion	500 g	N/A -
777460	Lactalbumin-Hydrolysate	500 g	N/A -
777483	Lactose	500 g	N/A -
777464	Peptone milk	500 g	N/A -
777484	Certified Maltose	500 g	N/A -
777448	Bacteriological Oxbile	500 g	N/A -
777449	Bacteriological Peptone	500 g	N/A -
777453	Casein peptone	500 g	N/A -
777458	Gelatin peptone	500 g	N/A -
777452	Casein peptone CC	500 g	N/A -
777461	Liver peptone	500 g	N/A -
777470	Protein Peptone	500 g	N/A -
777469	Protein Peptone No. 3	500 g	N/A -
777463	Meat Peptone	500 g	N/A -
777465	Polypeptone	500 g	N/A -
777485	Sucrose	500 g	N/A -
778549	Soy Peptone without OGM	500 g	N/A -
777472	Tryptone	500 g	N/A -
777473	Tryptosis	500 g	N/A -
777468	Pork Peptone	500 g	N/A -



Enter the Cat. No. on dulis.be to to find the application guide

Antibiotics

Cat. No.	Description	Pack.	€
778406	Ampicillin (sodium salt)	5 g	N/A -
778407	Ampicillin (sodium salt)	25 g	N/A -
778408	Ampicillin (sodium salt)	50 g	N/A -
778409	Carbenicillin Disodium	5 g	N/A -
778410	Chloramphenicol	25 g	N/A -
778411	Gentamicin	5 g	N/A -
778412	Kanamycin (Monosulfate)	5 g	N/A -
778413	Kanamycin (Monosulfate)	25 g	N/A -
778414	Neomycin (Sulfate)	25 g	N/A -
348879	Nalidixic acid	10 g	N/A -
348391	Ampicillin (sodium salt)	10 g	N/A -
348390	Ampicillin (sodium salt)	25 g	N/A -
348389	Ampicillin (sodium salt)	100 g	N/A -
672444	Gentamicin	1000 g	N/A -
672443	Gentamicin	25 g	N/A -
672442	Gentamicin	5 g	N/A -
348511	Kanamycin (Monosulfate)	10 g	N/A -
348509	Kanamycin (Monosulfate)	100 g	N/A -
348510	Kanamycin (Monosulfate)	25 g	N/A -
672396	Rifampicin	1 g	N/A -
348862	Streptomycin (sulphate)	25 g	N/A -
672426	Tetracycline (Hydrochloride)	25 g	N/A -





Your specialist contact
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All prices are indicative and exclude VAT. Visit www.dulis.nl

Yeast extract



- For use in bacterial growth media
- Freeze-dried extract resulting from autolysis of Saccharomyces cerevisiae yeast cells, grown on beet molasses
- Salt-free and dust-free product
- Solubility: in solution at 10 °C, in deionised water at 40 °C

Cat. No.	Description	€
670929	Yeast extract 500 g	N/A -
670930	Yeast extract 1 kg	N/A -

Dyes

Description	Pack. 1	Cat. No.	€	Pack. 2	Cat. No.	€	Pack. 3	Cat. No.	€	Pack. 4	Cat. No.	€
Azur												
Azure-eosine-methylene blue solution according to Giemsa (slow) DC	-	-	-	500 ml bottle	348297	N/A -	-	-	-	-	-	-
The Blues												
Alcian Blue 8 GX	5 g	348048	N/A -	25 g	348049	N/A -	-	-	-	-	-	-
Methylene blue	25 g	348068	N/A -	100 g	348069	N/A -	-	-	-	5 kg	348067	N/A -
Toluidine O blue	5 g	348071	N/A -	-	-	-	-	-	-	-	-	-
Carmine												
Indigo carmine	10 g	348084	N/A -	-	-	-	-	-	-	-	-	-
Eosin												
Yellowish eosin	25 g	348111	N/A -	-	-	-	-	-	-	-	-	-
Erythrosine												
Erythrosine B	25 g	348117	N/A -	-	-	-	-	-	-	-	-	-
Fuchsine												
Fuchsin acid	10 g	348120	N/A -	-	-	-	-	-	-	-	-	-
Fuchsin basic	-	-	-	100 g	348123	N/A -	-	-	-	-	-	-
HematoxylinK												
Hematoxylin	-	-	-	25 g	348127	N/A -	-	-	-	-	-	-
Safranine O												
Safranine O	-	-	-	50 g	348208	N/A -	-	-	-	-	-	-
Safranin O solution according to gram-hucker	-	-	-	-	-	-	1000 ml	348213	N/A -	-	-	-
The greens												
Malachite oxalate green	-	-	-	100 g	348255	N/A -	-	-	-	-	-	-

Dye kits

Cat. No.	Description	€
348128	Reticulin pack	N/A -
348130	Kit for rapid staining in haematology (rapid panoptic)	N/A -

Dyes / Bleaches for histology

Description	Vol. 250 ml	Cat. No.	Units/ box	€/ box	Vol. 1 l	Cat. No.	Units/ box	€/ box
Gram Staining Kit in bottles	250 ml	777107	4	N/A -	-	-	-	-
Acetone ethanol bleac	-	-	-	-	1 l	777109B	5	N/A -
Phenic Fuchsin	250 ml	777111B	5	N/A -	1 l	777110B	5	N/A -
Lugol	250 ml	778452	5	N/A -	1 l	777114	1	N/A -
Lugol DC	250 ml	348304	1	N/A -	1 l	348305	1	N/A -
Methylene Blue	250 ml	777115B	5	N/A -	-	-	-	-
Crystal Violet Oxalate Solution	250 ml	777117B	5	N/A -	1 l	777118	1	N/A -
Safranin solution	250 ml	777119B	5	N/A -	1 l	777120B	5	N/A -
Ziehl-Neelsen stain, auramide solution	-	-	-	-	1 l	777122	1	N/A -

Reagents

Acids

	1000 g
Boric acid	348011
€	N/A -
Citric acid 1-hydrate	348014
€	N/A -
Anhydrous citric acid	348016
€	N/A -
Ethylenediaminetetraacetic acid disodium salt 2-hydrate	348018
€	N/A -

Calcium

Cat. No.	Description	Packaging	€
348079	Calcium hydroxide, powder	1000 g	N/A -

Ammonium

Cat. No.	Description	Pack.	€
348030	Ammonium chloride	500 g	N/A -
348031	Ammonium chloride	1000 g	N/A -
348032	Ammonium di-hydrogen phosphate	1000 g	N/A -
348033	Ammonium iron(II) sulphate 6-hydrate	500 g	N/A -
348034	Ammonium iron(II) sulphate 6-hydrate	1000 g	N/A -

Cesium chloride

Cat. No.	Description	Packaging	€
348087	Cesium chloride	100 g	N/A -

Copper

Cat. No.	Description	Packaging	€
348092	Copper (II) chloride 2-hydrate	1000 g	N/A -
348095	Copper (II) sulphate 5-hydrate	500 g	N/A -
348096	Copper (II) sulphate 5-hydrate	1000 g	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Chemicals CARLO ERBA Reagents

CARLO ERBA Reagents
has been an established supplier of chemicals for over 150 years.

CARLO ERBA Reagents
has two production units located in France offering quality and service thanks to the flexibility of its production and the diversity of its installations: distillation columns, storage tanks, dedicated filtration units, production of Pharmacopoeia grade purified water, mixers, rectifying columns, packaging lines, clean rooms and ISO8 laminar flow.









CARLO ERBA Reagents, Quality Department, independent of production, manages documentation, record control, traceability, internal audits, change control, periodic monitoring of indicators, and continuous improvement.

CARLO ERBA Reagents
is accredited by BNV
for the production
and sale of reagents
and chemicals for
the laboratory
and industry.


DNV
DNV BUSINESS ASSURANCE
MANAGEMENT SYSTEM CERTIFICATE
CARLO ERBA REAGENTS SAS
ISO 9001:2008
ACCREDIA

CARLO ERBA Reagents
specialises in high quality products to meet your requirements:
alcohols, solvents, salts, acids in various qualities, representing about 5600 items:

available at www.dulis.nl

Health and Analysis Laboratories

RS

Special Reagents (SR) with quality and functionality for the most advanced instrumental techniques, such as:

- **histology reagents (concentrated, diluted ready-to-use fixatives, powdered and solution stains, paraffin, mounting and immersion media) marked IVD**
- **HPLC PLUS Gradient, Isocratic HPLC, Preparative HPLC, Ion Pairing Reagents, Additives and LC-MS Mixtures**
- **soda lime with or without indicator**

A complete range of Analytical Grade Reagents (AGR)

RPE

with a high degree of purity:

- **alcohols, solvents, acids, bases, salts, indicators, various reagents used daily**
- **NIST-connected buffer and volumetric solutions, coloured or colourless, concentrated in NORMEX ampoules or ready-to-use in vials**

Technical grade reagents (RE) from 1 to 25l:

RE

- **alcohols**
- **solvents, acids, bases, salts**
- **AUSILAB detergents**

Education and Research

RS

Special Reagents (SR) with quality and functionality for the most advanced instrumental techniques, such as:

- **anhydrous solvents**
- **deuterated solvents**
- **uHPLC-MS, HPLC GOLD UltraGradient, HPLC PLUS Gradient, isocratic HPLC, preparative HPLC, ion pair reagents, LC-MS additives and mixtures**

RPE

A complete range of Analytical Grade Reagents (AGR) with a high degree of purity:

- **solvents, acids, bases, salts, indicators, various reagents**
- **NIST-connected buffer and volumetric solutions, coloured or colourless, concentrated in NORMEX ampoules or ready-to-use in vials**
- **adsorbents, desiccants**

RE

Technical grade reagents (RE) from 1 to 25l:

- **Solvents, salts, acids, bases for synthesis**
- **Silica**
- **"Green" solvents**
- **AUSILAB detergents**

ERBApharm®

Pharmaceutical quality products (ERBApharm®), complying with the monographs of the main pharmacopoeias or with strict specifications when none exist. Used as starting materials, synthesis intermediates, API reagents, exipients, biopharma solutions, cleaning solutions, ...
Documentation available in line with the traceability and requirements linked to the use of these materials

Chemicals CARLO ERBA Reagents

Case N°	Cat. No.	Description	Grade / application / standard	Pack.	Material of the container	€
16674-78-5	459135-CER	Magnesium acetate tetrahydrate min. 98 %	RPE - For analysis - ACS - Pharma compliant. EU and US	250 g	Plastic	N/A -
141-78-6	P0021016-CER	Ethyl acetate anhydrous min. 99.8 %	RS - For analysis	1 l	Glass	N/A -
	508222-CER	Ethyl acetate min. 99.8 %	RE - Technical grade	2.5 l	Glass	N/A -
	528295-CER			5 l	Plastic	N/A -
	448256-CER	Ethyl acetate min. 99.9 %	RPE - For analysis - ACS - Complies with European and US pharmacopoeias	2.5 l	Glass	N/A -
	448254-CER			5 l	Plastic	N/A -
67-64-1	528203-CER	Acetone min. 99.8 %	RE - Technical grade	5 l	Plastic	N/A -
	528206-CER			10 l		N/A -
	400971-CER		RPE - For analysis - ISO - ACS - Complies with European and US pharmacopoeias	1 l	Glass	N/A -
	400974-CER			2.5 l		N/A -
	401051-CER		RS - RSE - For electronic use	1 l	Glass	N/A -
	412501-CER	Acetone min. 99.9 %	RS - For isocratic HPLC	1 l	Glass	N/A -
75-05-8	412332-CER	Acetonitrile + 0.1% v/v formic acid min. 99.5 %	RS - For LC/MS	2.5 l	Glass	N/A -
	401216-CER	Acetonitrile min. 99.9 %	RS - SPECTROSOL - For optical spectroscopy - Complies with pharma: EU	1 l	Glass	N/A -
	412411000-CER		RS - For isocratic HPLC	1 l	Glass	N/A -
	412412000-CER			2.5 l		N/A -
	412392000-CER		RS - For HPLC Plus Gradient - ACS - Complies with European and US Pharmacopoeia	2.5 l	Glass	N/A -
	412395-CER			5 l	Aluminium	N/A -
	412372000-CER		RS - For HPLC Gold Ultragradient	2.5 l	Glass	N/A -
	412342-CER	Acetonitrile min. 99.95 %	RS - For LC/MS	2.5 l	Glass	N/A -
	412041-CER	Acetonitrile min. 99.99 %	RS - For UHPLC/MS	1 l	Glass	N/A -
	412042-CER			2.5 l		N/A -
64-19-7	524520-CER	Glacial acetic acid min. 99.8 %	RPE - For analysis	1 l	Plastic	N/A -
	524521-CER			2.5 l		N/A -
	401422-CER		RPE - For analysis - ACS - Pharma compliant. EU and US	1 l	Glass	N/A -
7647-01-0	403871-CER	Hydrochloric acid 37 %	EPR - For analysis - ISO	1 l	Glass	N/A -
5949-29-1	403727-CER	Citric acid min. 99.5 %	RPE - For analysis - ISO - ACS - Pharma compliant. EU and US	1 kg	Plastic	N/A -
7664-39-3	303731-CER	Hydrofluoric acid 39.5 %	RE - Technical grade	1 l	Plastic	N/A -
64-18-6	405792-CER	Formic acid 99 %	RPE - For analysis - ACS - Pharma compliant. EU and US	1 l	Glass	N/A -
	405823-CER		RS - For LC/MS	50 ml	Plastic	N/A -
7697-37-2	305201-CER	Nitric acid 65 %	RE - Technical grade	1 l	Glass	N/A -
	524535-CER		EPR - For analysis - ISO	1 l	Plastic	N/A -
	408117-CER	Nitric acid 67-70 %	RS - Superpur - For trace analysis	2.5 l	Plastic	N/A -
	408071-CER	Nitric acid 69.5 %	RPE - For analysis - ISO - ACS - Pharma compliant. EU and US	1 l	Glass	N/A -
7664-93-9	410301-CER	Sulphuric acid 96 %	EPR - For analysis - ISO	1 l	Glass	N/A -
76-05-1	411564-CER	Trifluoroacetic acid min. 99.9 %	RPE - For analysis	250 ml	Glass	N/A -
50-00-0	415661-CER	Formaldehyde 37% w/v	RPE - For analysis	1 l	Plastic	N/A -
	526936-CER	Formaldehyde 4% w/v buffered	RS - For histology	5 l	Plastic	N/A -
1336-21-6	419941-CER	Ammonia 30%	EPR - For analysis - ACS	1 l	Glass	N/A -
144-55-8	478537-CER	Sodium bicarbonate min. 99.7 %	RPE - For analysis - ACS - Pharma compliant. EU and US	1 kg	Plastic	N/A -
71-36-3	414131-CER	Butanol-1 min. 99.5 %	EPR - For analysis - ISO	1 l	Glass	N/A -
78-92-2	414264-CER	Butanol-2 min. 99 %	EPR - For analysis - Complies with EU Pharmacopoeia	1 l	Glass	N/A -
584-08-7	470807-CER	Potassium carbonate min. 99 %	RPE - For analysis - ACS - Pharma compliant. EU and US	1 kg	Plastic	N/A -
497-19-8	479307-CER	Sodium carbonate anhydrous min. 99.5 %	RPE - For analysis - ISO - ACS - Pharma compliant. EU and US	1 kg	Plastic	N/A -
67-66-3	528328-CER	Chloroform stabilised amylene min. 99.9 %	RE - Technical grade	2.5 l	Glass	N/A -
	508321-CER	Chloroform stabilised ethanol min. 99 %	RE - Technical grade	5 l	Plastic	N/A -
	438601-CER	Chloroform stabilised ethanol min. 99.9 %	EPR - For analysis - ISO	1 l	Glass	N/A -
	412652-CER		RS - For isocratic HPLC	1 l	Glass	N/A -
	412653-CER			2.5 l		N/A -
12125-02-9	419417-CER	Ammonium chloride min. 99.5 %	RPE - For analysis - ACS - Pharma compliant. EU and US	1 kg	Plastic	N/A -
10035-04-8	433381-CER	Calcium chloride dihydrate min. 99 %	EPR - For analysis - ACS	1 kg	Plastic	N/A -
7791-18-6	349377-CER	Magnesium chloride hexahydrate min. 98.5 %	RE - Technical grade	1 kg	Plastic	N/A -
	459337-CER	Magnesium chloride hexahydrate min. 99 %	EPR - For analysis - ISO - ACS	1 kg	Plastic	N/A -
7447-40-7	471177-CER	Potassium chloride min. 99 %	RPE - For analysis - ISO - ACS - Pharma compliant. EU and US	1 kg	Plastic	N/A -
7647-14-5	479687-CER	Sodium chloride min. 99 %	RPE - For analysis - ACS - Pharma compliant. EU and US	1 kg	Plastic	N/A -
13478-10-9	451575-CER	Ferrous chloride (Fe II) tetrahydrate min. 99 %	RPE - For analysis	500 g	Plastic	N/A -
110-82-7	528215-CER	Cyclohexane min. 99.8 %	RE - Technical grade	5 l	Plastic	N/A -
	436905-CER		RPE - For analysis - ACS - µomplies with European and US pharmacopoeias	2.5 l	Glass	N/A -
	436906-CER			5 l	Plastic	N/A -
	412431000-CER	Cyclohexane min. 99.9 %	RS - For isocratic HPLC	1 l	Glass	N/A -
50-99-7	454337-CER	d(+)Glucose anhydrous	EPR - For analysis - ACS	1 kg	Plastic	N/A -
75-09-2	P02910E10-CER	Dichloromethane anhydrous stab. ethanol min. 99.95%	RS - For analysis	200 ml	Glass septum bottle	N/A -
	528461-CER	Dichloromethane stab. amylene min. 99.8 %	RE - Technical grade	5 l	Plastic	N/A -
	463314-CER	Dichloromethane stab. amylene min. 99.9 %	RPE - For analysis - ACS - Pharma compliant. EU and US	2.5 l	Glass	N/A -
	442371-CER		RS - SPECTROSOL - For optical spectroscopy	1 l	Glass	N/A -
	412622000-CER		RS - For isocratic HPLC	2.5 l	Glass	N/A -
	P02910A16-CER	Dichloromethane stab. amylene min. 99.95 %	RS - For analysis	1 l	Glass	N/A -
	528372-CER	Dichloromethane stab. ethanol min. 99.8 %	RE - Technical grade	5 l	Plastic	N/A -
	412662-CER	Dichloromethane stab. ethanol min. 99.9 %	RS - For isocratic HPLC	1 l	Glass	N/A -

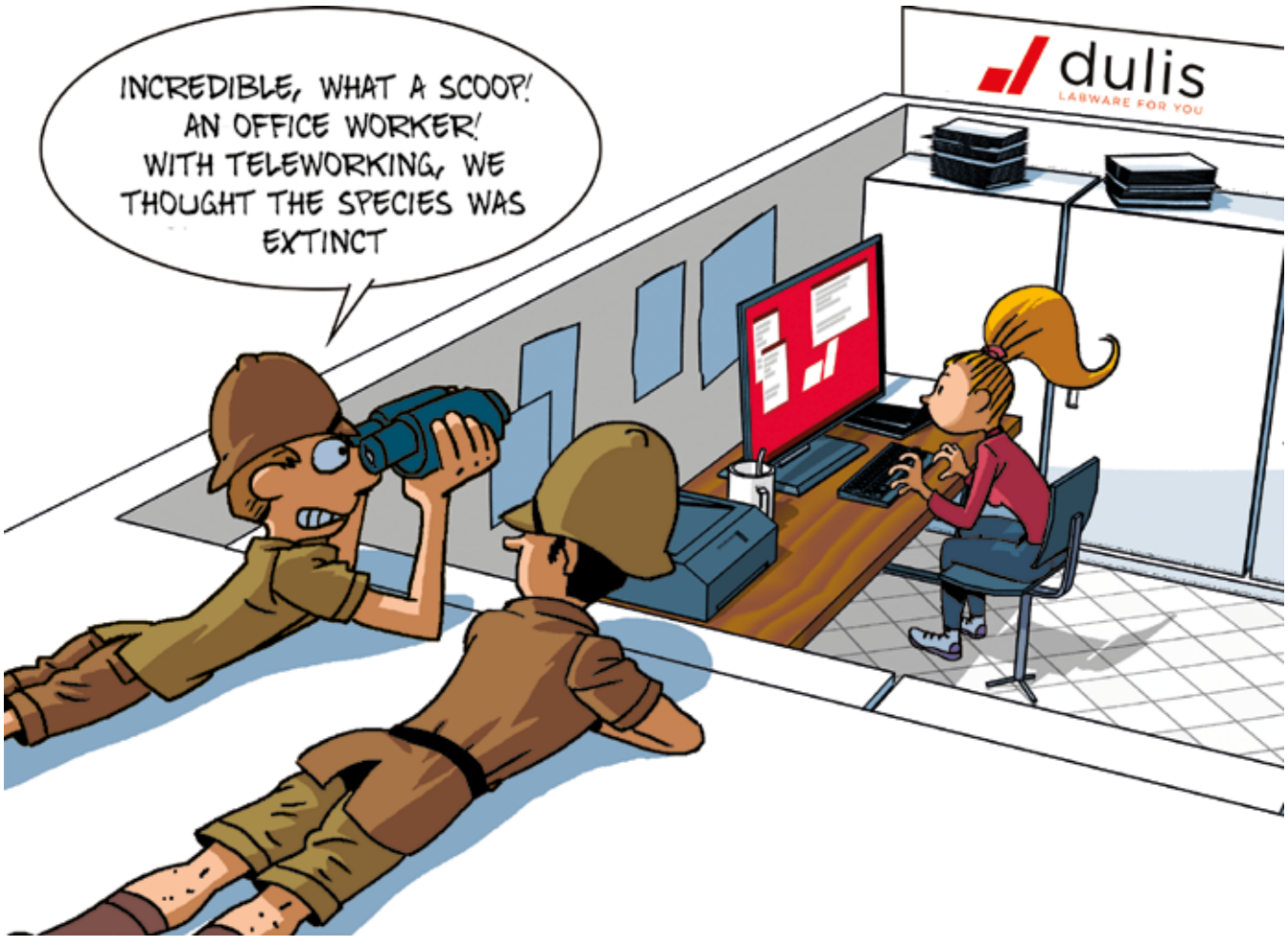
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Chemicals CARLO ERBA Reagents

Case N°	Cat. No.	Description	Grade / application / standard	Pack.	Material of the container	€
67-68-5	508001-CER	Dimethylsulfoxide min. 99.8 %	RE - Technical grade	1 l	Glass	N/A -
	445103-CER	Dimethylsulfoxide min. 99.9 %	EPR - For analysis - ACS - Complies with European and US regulations	1 l	Glass	N/A -
	445142-CER	Dimethylsulfoxide min. 99.95 %	RS - For isocratic HPLC	2.5 l	Glass	N/A -
7732-18-5	307582-CER	Water	RPE - For analysis	5 l	Plastic	N/A -
	412142-CER		RS - For HPLC Plus Gradient	2.5 l	Glass	N/A -
	412122-CER	Water + 0.1% v/v formic acid	RS - For LC/MS	2.5 l	Glass	N/A -
7722-84-1	412161-CER	Oxygenated water 30% m/m	RS - RSE - For electronic use	1 l	Plastic	N/A -
	412071-CER		EPR - For analysis - ACS - Complies with European and US pharma	250 ml	Plastic	N/A -
64-17-5	528170-CER	Ethanol 70°	RE - Technical grade	5 l	Plastic	N/A -
	528151-CER	Ethanol 96°	RE - Technical grade	5 l	Plastic	N/A -
	528152-CER			10 l		N/A -
	4146372-CER		RPE - For analysis - ACS - Complies with the European Pharmacopoeia	1 l	Glass	N/A -
	4146322-CER			2.5 l	Plastic	N/A -
	414635-CER			5 l		N/A -
	3086072-CER	Ethanol absolute anhydrous min. 99.9 %	RE - Technical grade	1 l	Glass	N/A -
	528131-CER			5 l	Plastic	N/A -
	308609-CER			10 l		N/A -
	4146012-CER		RPE - For analysis - ACS - Complies with European and US pharmacopoeias	1 l	Plastic	N/A -
	4146052-CER			2.5 l		N/A -
	524125-CER			5 l		N/A -
	4146072-CER			1 l	Glass	N/A -
	4125222-CER		RS - For isocratic HPLC	2.5 l	Glass	N/A -
	4127012-CER		RS - For HPLC Plus Gradient	1 l	Glass	N/A -
	4127022-CER			2.5 l		N/A -
	4145872-CER		RS - RSE - For electronic use	1 l	Glass	N/A -
64742-49-0	528280-CER	Petroleum ether 35-60 °C	RPE - For analysis	5 l	Plastic	N/A -
	528283-CER	Petroleum ether 40-60 °C	RE - Technical grade	5 l	Plastic	N/A -
	447831-CER		RPE - For analysis	2.5 l	Glass	N/A -
	447836-CER			5 l	Plastic	N/A -
	447813-CER	Petroleum ether 40-65 °C	RPE - For analysis	5 l	Plastic	N/A -
60-29-7	412672-CER	Unstabilised ethyl ether min. 99.7 %	RS - For isocratic HPLC	2.5 l	Glass	N/A -
	528275-CER	Stabilised ethyl ether BHT min. 99.5 %	RE - Technical grade	5 l	Aluminium	N/A -
	447521-CER	Stabilised ethyl ether BHT min. 99.8 %	EPR - For analysis - ACS	1 l	Glass	N/A -
	447523-CER			2.5 l		N/A -
	447522-CER			5 l	Aluminium	N/A -
56-81-5	453752-CER	Glycerine (30°Bé) (glycerol) min. 99.5 %	RPE - For analysis - ACS - Complies with US Pharmacopoeia	1 l	Glass	N/A -
107-21-1	346501-CER	Ethylene glycol min. 98 %	RE - Technical grade	1 l	Glass	N/A -
142-82-5	446842-CER	Heptane isomeric mixture	RS - PESTIPUR - For pesticide analysis	2.5 l	Glass	N/A -
	528245-CER		RE - Technical grade	5 l	Plastic	N/A -
110-54-3	447042-CER	Hexane 99 %	RPE - For analysis	2.5 l	Glass	N/A -
	412691-CER		RS - For isocratic HPLC	1 l	Glass	N/A -
	528940-CER	Hexane isomeric mixture	RE - Technical grade	5 l	Plastic	N/A -
1310-58-3	472057-CER	Potassium hydroxide tablets min. 85 %	RPE - For analysis	1 kg	Plastic	N/A -
1310-73-2	480591-CER	Sodium hydroxide 35 %	RPE - For analysis	1 l	Plastic	N/A -
	480507-CER	Sodium hydroxide tablets min. 97 %	EPR - For analysis - ISO - ACS	1 kg	Plastic	N/A -
78-78-4	528492-CER	Isopentane 95 %	RE - Technical grade	1 l	Glass	N/A -
	414855-CER		RPE - For analysis	2.5 l	Glass	N/A -
67-56-1	P0931016-CER	Anhydrous methanol min. 99.9 %	RS - For analysis	1 l	Glass	N/A -
	528101-CER	Methanol min. 99.9 %	RE - Technical grade	5 l	Plastic	N/A -
	414814-CER		RPE - For analysis - ACS - Complies with European and US pharmacopoeias	1 l	Glass	N/A -
	524102-CER			5 l	Plastic	N/A -
	412532-CER		RS - For isocratic HPLC - ACS - Complies with pharma. EU R2 and US	2.5 l	Glass	N/A -
	412383-CER		RS - For HPLC Plus Gradient	2.5 l	Glass	N/A -
	414832-CER	Methanol min. 99.95 %	RS - For LC/MS	2.5 l	Glass	N/A -
68-12-2	508801-CER	n,n-Dimethylformamide min. 99.9 %	RE - Technical grade	1 l	Glass	N/A -
	444926-CER		RPE - For analysis - ACS - Pharma compliant. EU and US	1 l	Glass	N/A -
	P0343521-CER		RS - For peptide synthesis	2.5 l	Glass	N/A -
142-82-5	412591000-CER	n-Heptane 99 %	RS - For isocratic HPLC	1 l	Glass	N/A -
	446783-CER		RPE - For analysis	5 l	Plastic	N/A -
110-54-3	339752-CER	n-Hexane min. 95 %	RE - Technical grade	5 l	Plastic	N/A -
	446907-CER	n-Hexane min. 98.5 %	EPR - For analysis - ACS - Complies with pharma: EU	1 l	Glass	N/A -
109-66-0	468121-CER	n-Pentane 95 %	RPE - For analysis	1 l	Glass	N/A -
	468122-CER			2.5 l		N/A -
	528993-CER	n-Pentane 99 %	RE - Technical grade	2.5 l	Glass	N/A -
	528995-CER			5 l	Aluminium	N/A -
108-95-2	343411-CER	Phenol 85% liquid	RE - Technical grade	1 l	Glass	N/A -

Chemicals CARLO ERBA Reagents

Case N°	Cat. No.	Description	Grade / application / standard	Pack.	Material of the container	€
67-63-0	415184-CER	2-Propanol (isopropanol)	RS - For LC/MS	2.5 l	Glass	N/A -
	415237-CER	2-Propanol (isopropanol) min. 99.7 %	RS - RSE - For electronic use	1 l	Glass	N/A -
	529093-CER	2-Propanol (isopropanol) min. 99.8 %	RE - Technical grade	5 l	Plastic	N/A -
	415154-CER	2-Propanol (isopropanol) min. 99.9 %	RPE - For analysis - ACS - Pharma compliant. EU and US	1 l	Glass	N/A -
	415156-CER	2-Propanol (isopropanol) min. 99.9 %	RPE - For analysis - ACS - Pharma compliant. EU and US	2.5 l	Glass	N/A -
	412421000-CER		RS - For isocratic HPLC	1 l	Glass	N/A -
110-86-1	469629-CER	Pyridine min. 99 %	RPE - For analysis - ACS - Pharma compliant. EU and US	1 l	Glass	N/A -
14808-60-7	502064-CER	Fontainebleau sand (180 - 500 µm)	RS - For food analysis	1 kg	Plastic	N/A -
57-50-1	477187-CER	Sucrose	EPR - For analysis - ACS	1 kg	Plastic	N/A -
7631-86-9	P2000017-CER	Silica 60A 35-70 µm	RS - For chromatography	1 kg	Plastic	N/A -
7783-20-2	316257-CER	Ammonium sulphate min. 99 %	RE - Technical grade	1 kg	Plastic	N/A -
7487-88-9	P1460012-CER	Anhydrous magnesium sulphate	RE - Technical grade - To dry	1 kg	Plastic	N/A -
10034-99-8	459666-CER	Magnesium sulphate heptahydrate min. 98 %	RPE - For analysis - ACS - Pharma compliant. EU and US	500 g	Plastic	N/A -
7757-82-6	483007-CER	Sodium sulphate anhydrous crystalline powder min. 99 %	EPR - For analysis - ISO - ACS	1 kg	Plastic	N/A -
1634-04-4	P0921016-CER	tert-Butylmethyl ether anhydrous min. 99.8%	RS - For analysis	1 l	Glass	N/A -
109-99-9	P0701016-CER	Stabilised BHT anhydrous tetrahydrofuran min. 99.9 %	RS - For analysis	1 l	Glass	N/A -
	412452000-CER	Unstabilised tetrahydrofuran min. 99.9 %	RS - For isocratic HPLC	2.5 l	Glass	N/A -
	487303-CER	Stabilised tetrahydrofuran BHT min. 99.9 %	RPE - For analysis - ACS - Pharma compliant. EU and US	2.5 l	Glass	N/A -
7772-98-7	378377-CER	Anhydrous sodium thiosulphate min. 98 %	RE - Technical grade	1 kg	Plastic	N/A -
108-88-3	528231-CER	Toluene low benzene content min. 99.5%	RE - Technical grade	5 l	Plastic	N/A -
	488551-CER	Toluene min. 99.8 %	RPE - For analysis - ISO - ACS - Pharma compliant. EU and US	1 l	Glass	N/A -
	412642000-CER		RS - For isocratic HPLC	2.5 l	Glass	N/A -
90989-38-1	528251-CER	Xylene mixed isomers low benzene content min. 98.5 %	RE - Technical grade	5 l	Plastic	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Honeywell Chemicals

DULIS offers you access to the full range of chemicals and reagents from the manufacturer Honeywell Research Chemicals.

Honeywell Research Chemicals, a long-standing player in the chemical market, offers a wide range of chemicals and reagents through different brands and ranges known for their high quality: **Burdick & Jackson™, Riedel-de Haen™, Fluka™, Hydranal™, Chromasolv™ and TraceSELECT™**

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Honeywell solvents and salts



Honeywell offers quality solvents and salts for general laboratory use.



Your specialist contact
Pierre-Joseph VAYSSE
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Honeywell Chemicals

Case N°	Brand	Cat. No.	Description	Grade/ application/standard	Pack.	Material of the container	€	Cat. No. Box packaging	Pack.	€
631-61-8	Fluka	32301-500G-HON	Ammonium acetate min. 98 %	Puriss - For analysis - ACS - Complies with pharma: EU	500 g	Plastic	N/A -	32301-6X500G-HON	6 x 500 g	N/A -
		32301-1KG-HON			1 kg		N/A -	32301-6X1KG-HON	6 x 1 kg	N/A -
		17836-50G-HON	Ammonium acetate min. 99 %	For HPLC	50 g	Glass	N/A -	-	-	-
		17836-250G-HON			250 g		N/A -	-	-	-
		14267-25G-HON		Chromasolv Ultra for LC/MS, eluent additive for UHPLC/MS	25 g	Plastic	N/A -	-	-	-
127-09-3	Fluka	32319-1KG-HON	Sodium anhydrous acetate min. 99	Puriss - For analysis - ACS - Complies with pharma: EU	1 kg	Plastic	N/A -	32319-6X1KG-HON	6 x 1 kg	N/A -
141-78-6	Honeywell	16371-5L-HON	Ethyl acetate min. 99 %	Laboratory reagent - Technical grade	5 l	Aluminum	N/A -	16371-4X5L-HON	4 x 5 l	N/A -
	Riedel-de Haen	27227-1L-HON	Ethyl acetate min. 99.5 %	Puriss - Complies with pharma. EU, French and British	1 l	Plastic	N/A -	27227-6X1L-HON	6 x 1 l	N/A -
		27227-2.5L-HON			2.5 l		N/A -	27227-4X2.5L-HON	4 x 2.5 l	N/A -
		27227-5L-HON			5 l	Aluminum	N/A -	27227-4X5L-HON	4 x 5 l	N/A -
		33211-1L-HON		Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 l	Glass	N/A -	33211-6X1L-HON	6 x 1 l	N/A -
		33211-2.5L-HON			2.5 l		N/A -	33211-4X2.5L-HON	4 x 2.5 l	N/A -
		34858-2.5L-HON	Ethyl acetate min. 99.7 %	Chromasolv for HPLC	2.5 l	Glass	N/A -	34858-4X2.5L-HON	4 x 2.5 l	N/A -
		34972-2.5L-HON		Chromasolv for LC/MS	2.5 l	Glass	N/A -	-	-	-
		31063-2.5L-HON	Ethyl acetate min. 99.9 %	Chromasolv for pesticide residue analysis	2.5 l	Glass	N/A -	31063-4X2.5L-HON	4 x 2.5 l	N/A -
67-64-1	Riedel-de Haen	24201-2.5L-HON	Acetone min. 99 %	Puriss - Complies with pharma. EU, French and British	2.5 l	Plastic	N/A -	24201-4X2.5L-HON	4 x 2.5 l	N/A -
		24201-5L-HON			5 l		N/A -	24201-4X5L-HON	4 x 5 l	N/A -
	Honeywell	179973-1L-HON	Acetone min. 99.5 %	Laboratory reagent - Technical grade	1 l	Glass	N/A -	179973-6X1L-HON	6 x 1 l	N/A -
		179973-25L-HON			25 l	Metal	N/A -	-	-	
	Riedel-de Haen	32201-1L-HON		Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 l	Plastic	N/A -	32201-6X1L-HON	6 x 1 l	N/A -
		32201-2.5L-HON			2.5 l		N/A -	32201-4X2.5L-HON	4 x 2.5 l	N/A -
		31062-2.5L-HON	Acetone min. 99.8 %	Chromasolv for dioxin, furan and PCB analysis	2.5 l	Glass	N/A -	-	-	-
		34480-2.5L-HON		Chromasolv for pesticide residue analysis	2.5 l	Glass	N/A -	34480-4X2.5L-HON	4 x 2.5 l	N/A -
		34850-1L-HON		Chromasolv for HPLC	1 l	Glass	N/A -	34850-6X1L-HON	6 x 1 l	N/A -
		34850-2.5L-HON			2.5 l		N/A -	34850-4X2.5L-HON	4 x 2.5 l	N/A -
		650501-1L-HON	Acetone min. 99.9 %	Chromasolv Plus for HPLC	1 l	Glass	N/A -	-	-	-
75-05-8	Riedel-de Haen	14261-1L-HON	Acetonitrile min. 99.9 %	Chromasolv Ultra for LC/MS, tested for UHPLC/MS	1 l	Glass	N/A -	-	-	-
		34481-2.5L-HON		Chromasolv for pesticide residue analysis	2.5 l	Glass	N/A -	34481-4X2.5L-HON	4 x 2.5 l	N/A -
		34851-1L-HON		Chromasolv gradient grade for HPLC	1 l	Glass	N/A -	34851-6X1L-HON	6 x 1 l	N/A -
		34851-2.5L-HON			2.5 l		N/A -	34851-4X2.5L-HON	4 x 2.5 l	N/A -
		34888-2.5L-HON		Chromasolv for HPLC for UV	2.5 l	Glass	N/A -	34888-4X2.5L-HON	4 x 2.5 l	N/A -
		34967-1L-HON		Chromasolv for LC/MS	1 l	Glass	N/A -	34967-6X1L-HON	6 x 1 l	N/A -
		34967-2.5L-HON			2.5 l		N/A -	34967-4X2.5L-HON	4 x 2.5 l	N/A -
		34998-2.5L-HON		Chromasolv Plus for HPLC	2.5 l	Glass	N/A -	34998-4X2.5L-HON	4 x 2.5 l	N/A -
64-19-7	Honeywell	27221-1L-HON	Glacial acetic acid min. 99 %	Puriss	1 l	Plastic	N/A -	27221-6X1L-HON	6 x 1 l	N/A -
		27221-2.5L-HON			2.5 l		N/A -	27221-4X2.5L-HON	4 x 2.5 l	N/A -
	Fluka	27225-1L-HON	Glacial acetic acid min. 99.8 %	Puriss - FCC and pharma compliant. EU, US and UK	1 l	Plastic	N/A -	27225-6X1L-HON	6 x 1 l	N/A -
		27225-2.5L-HON			2.5 l		N/A -	27225-4X2.5L-HON	4 x 2.5 l	N/A -
		33209-1L-HON		Puriss - For analysis - ISO - ACS - Compliant with EU Pharmacopoeia	1 l	Plastic	N/A -	33209-6X1L-HON	6 x 1 l	N/A -
		33209-2.5L-HON			2.5 l		N/A -	33209-4X2.5L-HON	4 x 2.5 l	N/A -
10043-35-3	Fluka	31146-1KG-HON	Boric acid min. 99.8%	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 kg	Plastic	N/A -	31146-6X1KG-HON	6 x 1 kg	N/A -
7647-01-0	Fluka	318965-2L-HON	Hydrochloric acid 0.1 M (0.1 N)		2 l	Plastic	N/A -	-	-	-
		35335-1L-HON		Complies with pharma: EU	1 l	Plastic	N/A -	35335-6X1L-HON	6 x 1 l	N/A -
		35329-1L-HON	Hydrochloric acid 0.5 M (0.5 N)	Complies with pharma: EU	1 l	Plastic	N/A -	35329-6X1L-HON	6 x 1 l	N/A -
		35328-1L-HON	Hydrochloric acid 1 M (1 N)	Complies with pharma: EU	1 l	Plastic	N/A -	35328-6X1L-HON	6 x 1 l	N/A -
		258148-2.5L-HON	Hydrochloric acid 37 %	ACS	2.5 l	Plastic	N/A -	-	-	-
		07102-2.5L-HON	Fuming hydrochloric acid 36.5-38%	Conforms to pharma. EU, French and British	2.5 l	Plastic	N/A -	07102-4X2.5L-HON	4 x 2.5 l	N/A -
		30721-1L-GL-HON	Fuming hydrochloric acid, APHA less than 10, min. 37%	Puriss - For analysis - ISO - ACS - Complies with the European Pharmacopoeia	1 l	Glass	N/A -	30721-6X1L-GL-HON	6 x 1 l	N/A -
		30721-1L-HON			1 l	Plastic	N/A -	30721-6X1L-HON	6 x 1 l	N/A -
		30721-2.5L-HON			2.5 l		N/A -	30721-4X2.5L-HON	4 x 2.5 l	N/A -
		30720-2.5L-HON	Hydrochloric acid min. 32%	Puriss - For analysis	2.5 l	Plastic	N/A -	-	-	-
		84415-500ML-HON		TraceSelect for trace analysis	500 ml	Plastic	N/A -	-	-	-
		38282-1EA-HON	Chlorhydric acid sol. concentrate for 1 l of final sol. 1 M (1 N)	-	1 unit	Plastic bulb	N/A -	38282-6X1EA-HON	6 units	N/A -
		38280-1EA-HON	Chlorhydric acid sol. concentrate for 1 l of final sol. at 0.1 M (0.1 N)	-	1 unit	Plastic bulb	N/A -	38280-6X1EA-HON	6 units	N/A -

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Honeywell Chemicals

Case N°	Brand	Cat. No.	Description	Grade/ application/ standard	Pack.	Material of the container	€	Cat. No. Box packaging	Pack. Box packaging	€
139-33-3	Fluka	**34550-1L-HON**	Ethylenediamine tetraacetic acid (EDTA) disodium 0.1 M	For complexometry - Pharma compliant. EU	1 l	Plastic	**N/A -**	**34550-6X1L-HON**	6 x 1 l	**N/A -**
150-38-9	Fluka	**38057-1EA-HON**	Ethylenediamine tetraacetic acid (EDTA) disodium, concentrated solution for 1 l of final solution at 0.1 M	For complexometry	1 unit	Plastic bulb	**N/A -**	**38057-6X1EA-HON**	6 units	**N/A -**
15708-48-2	Fluka	**33350-100G-HON**	Ethylenediamine tetraacetic acid (EDTA) dipotassium magnesium min. 98%	For complexometry	100 g	Plastic	**N/A -**	**33350-6X100G-HON**	6 x 100 g	**N/A -**
7664-39-3	Fluka	**30103-1L-HON**	Hydrofluoric acid min. 40 %	Puriss - For analysis - ISO - Pharma compliant. EU	1 l	Plastic	**N/A -**	**30103-6X1L-HON**	6 x 1 l	**N/A -**
		30107-1L-HON	Hydrofluoric acid min. 48 %	Puriss - For analysis - ISO - ACS - Pharma compliant. EU	1 l	Plastic	**N/A -**	**30107-6X1L-HON**	6 x 1 l	**N/A -**
64-18-6	Fluka	**56302-10X1ML-HON**	Formic acid min. 97.5 %	Eluent additive for LC/MS	10 x 1 ml	Bulb	**N/A -**	-	-	-
		56302-50ML-HON			50 ml	Plastic	**N/A -**	-	-	-
		56302-50ML-GL-HON			50 ml	Glass	**N/A -**	-	-	-
		94318-50ML-HON	Formic acid 98%	For mass spectrophotometry	50 ml	Glass	**N/A -**	-	-	-
		94318-250ML-HON			250 ml		**N/A -**	-	-	-
		27001-1L-HON	Formic acid 98-100%	Puriss -DAC and FCC compliant	1 l	Glass	**N/A -**	**27001-6X1L-HON**	6 x 1 l	**N/A -**
		33015-1L-HON	Formic acid min. 98%	Puriss - For analysis - ACS -Complies with EU EU	1 l	Glass	**N/A -**	**33015-6X1L-HON**	6 x 1 l	**N/A -**
7697-37-2	Fluka	**35315-1L-HON**	Nitric acid 1 M (1 N)	-	1 l	Glass	**N/A -**	-	-	-
	Honeywell	**84392-500ML-HON**	Fuming nitric acid min. 99%	Purum - For analysis	500 ml	Glass with break-proof and leak-proof material	**N/A -**	-	-	-
	Fluka	**30709-1L-HON**	Nitric acid min. 65%	Puriss - For analysis - ISO - Pharma compliant. EU	1 l	Plastic	**N/A -**	-	-	-
		30709-2.5L-HON			2.5 l		**N/A -**	**30709-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		84385-500ML-HON	Nitric acid min. 69 %	TraceSelect for trace analysis	500 ml	Plastic	**N/A -**	**84385-6X500ML-HON**	6 x 500 ml	**N/A -**
		84385-1L-HON			1 l		**N/A -**	-	-	-
144-62-7	Fluka	**38250-1EA-HON**	Oxalic acid concentrated solution for 1 l final solution 0.05 M (0.1 N)	-	1 unit	Plastic bulb	**N/A -**	-	-	-
7601-90-3	Fluka	**30755-1L-HON**	Perchloric acid 70-72%	Puriss - For analysis - ISO - ACS - Pharma compliant. EU	1 l	Glass	**N/A -**	-	-	-
7664-38-2	Fluka	**79606-100ML-HON**	Phosphoric acid 85-90%	For HPLC	100 ml	Plastic	**N/A -**	-	-	-
		79606-500ML-HON			500 ml		**N/A -**	-	-	-
		30417-1L-HON	Phosphoric acid min. 85%	Puriss - For analysis - ISO - ACS - Pharma compliant. EU	1 l	Plastic	**N/A -**	**30417-6X1L-HON**	6 x 1 l	**N/A -**
		30417-2.5L-HON			2.5 l		**N/A -**	**30417-4X2.5L-HON**	4 x 2.5 l	**N/A -**
7664-93-9	Fluka	**35358-1L-HON**	Sulphuric acid 0.05 M (0.1 N)	Conforms to the pharma. EU	1 l	Plastic	**N/A -**	**35358-6X1L-HON**	6 x 1 l	**N/A -**
		35354-1L-HON	Sulphuric acid 0.5 M (1 N)	Conforms to the pharma. EU	1 l	Plastic	**N/A -**	**35354-6X1L-HON**	6 x 1 l	**N/A -**
		35276-1L-HON	Sulphuric acid 1 M (2 N)	-	1 l	Plastic	**N/A -**	-	-	
		07208-1L-HON	Sulphuric acid 95-97 %	Puriss - Pharma compliant. EU and UK	1 l	Plastic	**N/A -**	**07208-6X1L-HON**	6 x 1 l	**N/A -**
		07208-2.5L-HON			2.5 l		**N/A -**	**07208-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		30743-1L-HON	Sulphuric acid for mercury measurement 95-97%	Puriss - For analysis - ISO - ACS - Pharma compliant. EU	1 l	Plastic	**N/A -**	**30743-6X1L-HON**	6 x 1 l	**N/A -**
		30743-2.5L-HON			2.5 l		**N/A -**	**30743-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		32043-1EA-HON	Sulphuric acid concentrated solution for 1 l of final solution 0.05 M (0.1 N)	-	1 unit	Plastic bulb	**N/A -**	**32043-6X1EA-HON**	6 units	**N/A -**
		38294-1EA-HON	Sulphuric acid concentrated solution for 1 l of final solution 0.5 M (1 N)	-	1 unit	Plastic bulb	**N/A -**	**38294-6X1EA-HON**	6 units	**N/A -**
76-05-1	Fluka	**302031-100ML-HON**	Trifluoroacetic acid min. 99 %	Chromasolv for HPLC	100 ml	Glass	**N/A -**	-	-	-
	Honeywell	**T6508-100ML-HON**		Reactive grade	100 ml	Glass	**N/A -**	-	-	-
	Fluka	**40967-10X1ML-HON**		Eluent additive for LC/MS	10 x 1 ml	Bulb	**N/A -**	-	-	-
7783-85-9	Fluka	**09720-1KG-HON**	Iron ammonium sulphate (mohr salt, iron alum) min. 99%	Puriss - For analysis - ISO	1 kg	Plastic	**N/A -**	-	-	-
108-24-7	Fluka	**33214-1L-HON**	Acetic anhydride min. 99%	Puriss - For analysis - ISO - ACS - Pharma compliant. EU	1 l	Plastic	**N/A -**	**33214-6X1L-HON**	6 x 1 l	**N/A -**

Honeywell Chemicals

Case N°	Brand	Cat. No.	Description	Grade/ application/standard	Pack.	Material of the container	€	Cat. No. Box packaging	Pack.	€
108-24-7	Fluka	**33214-1L-HON**	Acetic anhydride min. 99%	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 l	Plastic	**N/A -**	**33214-6X1L-HON**	6 x 1 l	**N/A -**
7758-02-3	Fluka	**34919-100G-HON**	Potassium bromide	For IR spectroscopy	100 g	Glass	**N/A -**	**34919-6X100G-HON**	6 x 100 g	**N/A -**
71-36-3	Riedel-de Haen	**33065-1L-HON**	Butanol-1 min. 99.5%	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 l	Plastic	**N/A -**	**33065-6X1L-HON**	6 x 1 l	**N/A -**
	Honeywell	**537993-1L-HON**	Butanol-1 min. 99.9 %	-	1 l	Glass	**N/A -**	**537993-6X1L-HON**	6 x 1 l	**N/A -**
75-65-0	Riedel-de Haen	**19460-1L-HON**	Butanol-tert (tert-butanol) min. 99.7%	Puriss - For analysis - ACS	1 l	Plastic	**N/A -**	-	-	
78-93-3	Riedel-de Haen	**33407-2.5L-HON**	Butanone min. 99.5%	Puriss - For analysis - ACS - Complies with pharma: EU	2.5 l	Glass	**N/A -**	**33407-4X2.5L-HON**	4 x 2.5 l	**N/A -**
497-19-8	Fluka	**31432-1KG-HON**	Sodium carbonate anhydrous min. 99.8%	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 kg	Plastic	**N/A -**	**31432-6X1KG-HON**	6 x 1 kg	**N/A -**
7440-44-0	Fluka	**05120-1KG-HON**	Activated carbon, powder	Purum	1 kg	Metal	**N/A -**	-	-	-
108-90-7	Honeywell	**101389-2.5L-HON**	Chlorobenzene min. 99	Reactive grade	2.5 l	Glass	**N/A -**	-	-	-
109-69-3	Riedel-de Haen	**34958-1L-HON**	Chlorobutane min. 99.8%	Chromasolv for HPLC	1 l	Glass	**N/A -**	-	-	-
67-66-3		**32211-1L-HON**	Chloroform min. 99%	Puriss - For analysis - ISO - Complies with pharma: EU	2.5 l	Glass	**N/A -**	**32211-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		32211-2.5L-HON		Puriss - For analysis - ISO - Complies with pharma: EU	1 l	Glass	**N/A -**	**32211-6X1L-HON**	6 x 1 l	**N/A -**
67-66-3, 513-35-9		**34854-2.5L-HON**	Chloroform stabilised amylene min. 99.8%	Chromasolv for HPLC	2.5 l	Glass	**N/A -**	**34854-4X2.5L-HON**	4 x 2.5 l	**N/A -**
67-66-3		**24216-2.5L-HON**	Chloroform stabilised with ethanol 99-99.4%	Complies with UK pharma	2.5 l	Glass	**N/A -**	**24216-4X2.5L-HON**	4 x 2.5 l	**N/A -**
12125-02-9	Fluka	**11209-1KG-HON**	Ammonium chloride min. 99.5 %	Conforms to pharma. EU, US and UK	1 kg	Plastic	**N/A -**	**11209-6X1KG-HON**	6 x 1 kg	**N/A -**
		09725-100G-HON	Ammonium chloride min. 99.9995 %	TraceSelect for trace analysis	100 g	Plastic	**N/A -**	-	-	-
10326-27-9	Fluka	**31125-1KG-HON**	Barium chloride dihydrate min. 99%	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 kg	Plastic	**N/A -**	**31125-6X1KG-HON**	6 x 1 kg	**N/A -**
10035-04-8	Fluka	**31307-1KG-HON**	Calcium chloride dihydrate min. 99%	Puriss - For analysis - ACS - Complies with pharma: EU	1 kg	Plastic	**N/A -**	-	-	-
10025-77-1	Fluka	**31232-250G-HON**	Iron chloride hexahydrate min. 99%	Puriss - For analysis	250 g	Plastic	**N/A -**	-	-	-
7447-40-7	Fluka	**12636-1KG-HON**	Potassium chloride min. 99 %	Puriss - FCC compliant and EU, US and UK Pharmacopoeia compliant	1 kg	Plastic	**N/A -**	**12636-6X1KG-HON**	6 x 1 kg	**N/A -**
	Honeywell	**60130-1KG-HON**	Potassium chloride min. 99.5 %	Puriss - For analysis	1 kg	Plastic	**N/A -**	**60130-6X1KG-HON**	6 x 1 kg	**N/A -**
7647-14-5	Fluka	**13423-5KG-HON**	Sodium chloride min. 99 %	Puriss - Complies with EU, US and UK pharmacopoeias	5 kg	Plastic	**N/A -**	**13423-4X5KG-HON**	4 x 5 kg	**N/A -**
		31434-1KG-HON	Sodium chloride min. 99.5 %	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 kg	Plastic	**N/A -**	**31434-6X1KG-HON**	6 x 1 kg	**N/A -**
		31434-5KG-HON			5 kg		**N/A -**	**31434-4X5KG-HON**	4 x 5 kg	**N/A -**
110-82-7	Riedel-de Haen	**179191-1L-HON**	Cyclohexane min. 99 %	ACS	1 l	Glass	**N/A -**	**179191-6X1L-HON**	6 x 1 l	**N/A -**
		33117-2.5L-HON	Cyclohexane min. 99.5 %	Puriss - For analysis - ACS	2.5 l	Glass	**N/A -**	**33117-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		34855-2.5L-HON	Cyclohexane min. 99.7 %	Chromasolv for HPLC	2.5 l	Glass	**N/A -**	**34855-4X2.5L-HON**	4 x 2.5 l	**N/A -**
	Honeywell	**C100307-1L-HON**	Cyclohexane min. 99.8 %	Laboratory reagent - Technical grade	1 l	Glass	**N/A -**	-	-	-
		C100307-2.5L-HON			2.5 l		**N/A -**	**C100307-4X2.5L-HON**	4 x 2.5 l	**N/A -**
75-09-2	Riedel-de Haen	**24233-1L-HON**	Dichloromethane min. 99%	Conforms to EU and French EU and french	1 l	Glass	**N/A -**	**24233-6X1L-HON**	6 x 1 l	**N/A -**
		24233-2.5L-HON			2.5 l		**N/A -**	**24233-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		24233-5L-ALU-HON			5 l	Aluminium	**N/A -**	**24233-4X5L-ALU-HON**	4 x 5 l	**N/A -**
		34488-2.5L-HON	Dichloromethane min. 99.8%	Chromasolv for pesticide residue analysis	2.5 l	Glass	**N/A -**	**34488-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		32222-1L-HON	Dichloromethane min. 99.9%	Puriss - For analysis - ISO - ACS	1 l	Glass	**N/A -**	**32222-6X1L-HON**	6 x 1 l	**N/A -**
		32222-2.5L-HON			2.5 l		**N/A -**	**32222-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		34856-1L-HON	Amylene stabilised dichloromethane min. 99.8%	Chromasolv for HPLC	1 l	Glass	**N/A -**	**34856-6X1L-HON**	6 x 1 l	**N/A -**
75-09-2, 513-35-9		**34856-2.5L-HON**			2.5 l		**N/A -**	**34856-4X2.5L-HON**	4 x 2.5 l	**N/A -**
127-19-5	Riedel-de Haen	**38840-1L-HON**	Dimethyl acetamide min. 99.5%	Puriss - For analysis	1 l	Glass	**N/A -**	-	-	-
		270555-1L-HON	Dimethyl acetamide min. 99.9%	Chromasolv Plus for HPLC	1 l	Glass	**N/A -**	-	-	-
		44901-1L-HON		Chromasolv tested for GC-Headspace	1 l	Glass	**N/A -**	-	-	-
68-12-2	Riedel-de Haen	**33120-1L-HON**	Dimethylformamide min. 99.8%	Puriss - For analysis - ACS - Complies with pharma: EU	1 l	Glass	**N/A -**	**33120-6X1L-HON**	6 x 1 l	**N/A -**
		33120-2.5L-HON			2.5 l		**N/A -**	**33120-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		270547-1L-HON	Dimethylformamide min. 99.9%	Chromasolv Plus for HPLC	1 l	Glass	**N/A -**	-	-	-
		270547-2.5L-HON			2.5 l		**N/A -**	**270547-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		-		Chromasolv tested for GC-Headspace	-	Glass	-	**51781-6X1L-HON**	6 x 1 l	**N/A -**
75-15-0	Honeywell	**342270-1L-HON**	Carbon disulphide low benzene content min. 99.9%	Reactive grade	1 l	Glass	**N/A -**	-	-	-
	Riedel-de Haen	**31627-1L-HON**	Carbon disulphide min. 99.9%	Puriss - For analysis, for IR - ACS spectroscopy - Complies with pharma: EU	1 l	Glass	**N/A -**	-	-	-

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Case N°	Brand	Cat. No.	Description	Grade/ application/ standard	Pack.	Material of the container	€	Cat. No. Box packaging	Pack.	€
67-68-5	Riedel-de Haen	**34869-1L-HON**	DMSO - dimethyl sulphoxide min. 99.7%	Chromasolv Plus for HPLC	1 l	Glass	**N/A -**	**34869-6X1L-HON**	6 x 1 l	**N/A -**
		34869-2.5L-HON			2.5 l		**N/A -**	**34869-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		41640-1L-HON	DMSO - dimethyl sulphoxide min. 99.9%	Puriss - For analysis - ACS	1 l	Plastic	**N/A -**	-	-	-
		51779-1L-HON		Chromasolv tested for GC-Headspace	1 l	Glass	**N/A -**	**51779-6X1L-HON**	6 x 1 l	**N/A -**
7732-18-5	Riedel-de Haen	**14263-1L-HON**	Water	Chromasolv Ultra for LC/MS, tested for UHPLC/MS	1 l	Glass	**N/A -**	-	-	-
		14263-2L-HON			2 l		**N/A -**	-	-	-
		34877-2.5L-HON		Chromasolv Plus for HPLC	2.5 l	Glass	**N/A -**	**34877-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		39253-1L-HON		Chromasolv for LC/MS	1 l	Glass	**N/A -**	-	-	-
		95305-1L-HON		TraceSelect for trace analysis	1 l	Glass	**N/A -**	-	-	-
64-18-6	Riedel-de Haen	**34673-2.5L-HON**	Water + 0.1% v/v formic acid	Chromasolv for LC/MS	2.5 l	Glass	**N/A -**	-	-	**-**
64-17-5	Riedel-de Haen	**02870-2.5L-HON**	Ethanol 96%	Puriss - For analysis - ACS	2.5 l	Plastic	**N/A -**	**02870-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		32294-1L-HON		Puriss - For analysis - ACS - Complies with pharma: EU	1 l	Plastic	**N/A -**	**32294-6X1L-HON**	6 x 1 l	**N/A -**
		32294-2.5L-HON			2.5 l		**N/A -**	**32294-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		24106-5L-HON		Conforms to pharma. EU and UK	5 l	Plastic	**N/A -**	**24106-4X5L-HON**	4 x 5 l	**N/A -**
		02860-1L-HON	Ethanol absolute min. 99.8%	Puriss - For analysis - ACS	1 l	Plastic	**N/A -**	**02860-6X1L-HON**	6 x 1 l	**N/A -**
		02860-2.5L-HON			2.5 l		**N/A -**	**02860-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		24103-2.5L-HON		Puriss	2.5 l	Plastic	**N/A -**	**24103-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		24103-5L-HON			5 l		**N/A -**	**24103-4X5L-HON**	4 x 5 l	**N/A -**
		32205-2.5L-HON		ISO - Compliant with pharma: EU	2.5 l	Plastic	**N/A -**	**32205-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		32221-1L-HON		Puriss - For analysis	1 l	Plastic	**N/A -**	**32221-6X1L-HON**	6 x 1 l	**N/A -**
		32221-2.5L-HON			2.5 l		**N/A -**	**32221-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		34870-2.5L-HON	Ethanol min. 99.8%	Chromasolv for HPLC	2.5 l	Glass	**N/A -**	**34870-4X2.5L-HON**	4 x 2.5 l	**N/A -**
1634-04-4	Riedel-de Haen	**34875-2.5L-HON**	Butylmethyl ether min. 99.8%	Chromasolv for HPLC	2.5 l	Glass	**N/A -**	**34875-4X2.5L-HON**	4 x 2.5 l	**N/A -**
109-66-0	Riedel-de Haen	**24587-5L-HON**	Petroleum ether low melting point 40-60 °C min. 75%	Puriss - Compliant with DAB specifications	5 l	Aluminum	**N/A -**	**24587-4X5L-HON**	4 x 5 l	**N/A -**
	Riedel-de Haen	**32299-1L-HON**	Petroleum ether, low melting point min. 90%	Puriss - For analysis - ISO - ACS	1 l	Glass	**N/A -**	**32299-6X1L-HON**	6 x 1 l	**N/A -**
		32299-2.5L-HON			2.5 l		**N/A -**	**32299-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		32299-5L-HON			5 l	Aluminum	**N/A -**	**32299-4X5L-HON**	4 x 5 l	**N/A -**
60-29-7	Riedel-de Haen	**32203-1L-HON**	Stabilised diethyl ether BHT min. 99.8%	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 l	Glass	**N/A -**	**32203-6X1L-HON**	6 x 1 l	**N/A -**
		32203-2.5L-HON			2.5 l		**N/A -**	**32203-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		32203-5L-HON			5 l	Aluminum	**N/A -**	**32203-4X5L-HON**	4 x 5 l	**N/A -**
107-21-1	Riedel-de Haen	**03750-1L-HON**	Ethylene glycol min. 99.5%	Puriss - For analysis. Complies with pharma: EU	1 l	Plastic	**N/A -**	**03750-6X1L-HON**	6 x 1 l	**N/A -**
75-12-7	Riedel-de Haen	**47670-1L-HON**	Formamide min. 99.5%	Puriss - For analysis - ACS	1 l	Glass	**N/A -**	-	-	-
540-69-2	Fluka	**17843-50G-HON**	Ammonium formate min. 99%	For HPLC	50 g	Glass	**N/A -**	-	-	-
		17843-250G-HON			250 g		**N/A -**	-	-	-
		55674-50G-HON		Eluent additive for LC/MS	50 g	Plastic	**N/A -**	-	-	-
112926-00-8	Fluka	**13767-500G-HON**	Orange silica gel with moisture indicator	-	500 g	Plastic	**N/A -**	**13767-6X500G-HON**	6 x 500 g	**N/A -**
		13767-1KG-HON			1 kg		**N/A -**	**13767-6X1KG-HON**	6 x 1 kg	**N/A -**
		85815-1KG-HON	Rubin silica gel with cobalt-free moisture indicator	-	1 kg	Plastic	**N/A -**	-	-	-
56-81-5	Riedel-de Haen	**15523-1L-HON**	Anhydrous glycerol min. 99%	Puriss - FCC and pharma compliant. EU, US and UK	1 l	Plastic	**N/A -**	**15523-6X1L-HON**	6 x 1 l	**N/A -**
		49770-1L-HON	Anhydrous glycerol min. 99.5%	Puriss - For analysis - ACS	1 l	Glass	**N/A -**	-	-	-
142-82-5	Riedel-de Haen	**32287-1L-HON**	Heptane min. 99	Puriss - For analysis. Complies with pharma: EU	1 l	Glass	**N/A -**	**32287-6X1L-HON**	6 x 1 l	**N/A -**
		32287-2.5L-HON			2.5 l		**N/A -**	**32287-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		34873-2.5L-HON		Chromasolv for HPLC	2.5 l	Glass	**N/A -**	**34873-4X2.5L-HON**	4 x 2.5 l	**N/A -**
110-54-3	Riedel-de Haen	**34484-2.5L-HON**	Hexane min. 95%	Chromasolv for pesticide residue analysis	2.5 l	Glass	**N/A -**	**34484-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		34859-2.5L-HON	Hexane min. 97%	Chromasolv for HPLC	2.5 l	Glass	**N/A -**	**34859-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		32293-1L-HON	Hexane min. 99%	Puriss - For analysis - ACS - Complies with pharma: EU	1 l	Glass	**N/A -**	**32293-6X1L-HON**	6 x 1 l	**N/A -**
		32293-2.5L-HON			2.5 l		**N/A -**	**32293-4X2.5L-HON**	4 x 2.5 l	**N/A -**

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Case N°	Brand	Cat. No.	Description	Grade/ application/ standard	Pack.	Material of the container	€	Cat. No. Box packaging	Pack.	€
1310-73-2	Fluka	**35263-1L-HON**	Sodium hydroxide (soda) 0.1 M (0.1 N)	Complies to the pharma: EU	1 l	Plastic	**N/A -**	**35263-6X1L-HON**	6 x 1 l	**N/A -**
		35263-5L-HON			5 l		**N/A -**	-	-	-
		71395-1L-HON		-	1 l	Plastic	**N/A -**	-	-	-
		35257-1L-HON	Sodium hydroxide (soda) 0.5 M (0.5 N)	-	1 l	Plastic	**N/A -**	**35257-6X1L-HON**	6 x 1 l	**N/A -**
		35256-1L-HON	Sodium hydroxide (soda) 1 M (1 N)	Complies to the pharma: EU	1 l	Plastic	**N/A -**	**35256-6X1L-HON**	6 x 1 l	**N/A -**
		71463-1L-HON		-	1 l	Plastic	**N/A -**	-	-	-
	Honeywell	**30531-5L-HON**	Sodium hydroxide (soda) nitrogen 0.0001 % max. min. 32%	For nitrogen determination	5 l	Plastic	**N/A -**	**30531-4X5L-HON**	4 x 5 l	**N/A -**
	Fluka	**30620-5KG-HON**	Sodium hydroxide (soda) potassium 0.02% max. min. 98%	ACS	5 kg	Plastic	**N/A -**	**30620-4X5KG-HON**	4 x 5 kg	**N/A -**
		30620-1KG-HON		ACS	1 kg	Plastic	**N/A -**	**30620-6X1KG-HON**	6 x 1 kg	**N/A -**
		06203-5KG-HON	Sodium hydroxide (soda) tablets, E524 min. 98%	Puriss - EU, FR and UK compliant	5 kg	Plastic	**N/A -**	**06203-4X5KG-HON**	4 x 5 kg	**N/A -**
		71690-1KG-HON	Sodium hydroxide (soda) pellets, potassium 0.02% max. min. 98%	Puriss - For analysis - ACS	1 kg	Plastic	**N/A -**	-	-	-
		38210-1EA-HON	Sodium hydroxide (soda) concentrated solution for 1 l of final solution 0.1 M (0.1 N)	-	1 unit	Plastic bulb	**N/A -**	**38210-6X1EA-HON**	6 units	**N/A -**
		38215-1EA-HON	Sodium hydroxide (soda) concentrated solution for 1 l of final solution 1 M (1 N)	-	1 unit	Plastic bulb	**N/A -**	**38215-6X1EA-HON**	6 units	**N/A -**
1336-21-6	Fluka	**30501-1L-HON**	Ammonium hydroxide (ammonia) 25% ammonium	Puriss - For analysis - ISO - Complies with pharma: EU	1 l	Plastic	**N/A -**	**30501-6X1L-HON**	6 x 1 l	**N/A -**
		30501-2.5L-HON			2.5 l		**N/A -**	**30501-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		30501-5L-HON			5 l		**N/A -**	**30501-4X5L-HON**	4 x 5 l	**N/A -**
		05002-1L-HON	Ammonium hydroxide (ammonia) 30-33%	Puriss	1 l	Glass	**N/A -**	**05002-6X1L-HON**	6 x 1 l	**N/A -**
		05002-2.5L-HON			2.5 l		**N/A -**	**05002-4X2.5L-HON**	4 x 2.5 l	**N/A -**
1310-58-3	Fluka	**35125-1L-HON**	Potassium hydroxide 0.1 M (0.1 N)	-	1 l	Plastic	**N/A -**	-	-	-
1310-58-3, 64-17-5, 108-88-3, 302-01-2	Fluka	**35127-1L-HON**	Potassium hydroxide 0.1 M (0.1 N) in ethanol	-	1 l	Glass	**N/A -**	**35127-6X1L-HON**	6 x 1 l	**N/A -**
		35115-1L-HON	0.5 M potassium hydroxide (0.5 N) in ethanol	-	1 l	Glass	**N/A -**	**35115-6X1L-HON**	6 x 1 l	**N/A -**
1310-58-3	Fluka	**06005-1KG-HON**	Potassium hydroxide tablets min. 85 %	Puriss - Complies with pharma. EU, FR and UK	1 kg	Plastic	**N/A -**	**06005-6X1KG-HON**	6 x 1 kg	**N/A -**
		30603-1KG-HON		Puriss - For analysis according to pharma: EU	1 kg	Plastic	**N/A -**	**30603-6X1KG-HON**	6 x 1 kg	**N/A -**
7681-52-9	Honeywell	**425044-250ML-HON**	Sodium hypochlorite 10-15% active chlorine	Reactive grade	250 ml	Plastic	**N/A -**	-	-	-
		425044-1L-HON			1 l		**N/A -**	-	-	-
		239305-500ML-HON	Sodium hypochlorite 4-4.99% active chlorine	Reactive grade	500 ml	Plastic	**N/A -**	-	-	-
	Fluka	**13440-500ML-HON**	Sodium hypochlorite 6-14% active chlorine	-	500 ml	Plastic	**N/A -**	**13440-6X500ML-HON**	6 x 500 ml	**N/A -**
		71696-2.5L-HON	Sodium hypochlorite min. 10%	Purum	2.5 l	Plastic	**N/A -**	-	-	-
7758-05-6	Fluka	**34274-1L-HON**	Potassium iodate 0.05 M (0.3 N)	-	1 l	Plastic	**N/A -**	-	-	-
7681-11-0, 7553-56-2, 7758-05-6	Fluka	**38061-1EA-HON**	Iodine iodate solution concentrated solution for 1 l final solution 0.05 M (0.1 N)	-	1 unit	Plastic bulb	**N/A -**	**38061-6X1EA-HON**	6 units	**N/A -**
7681-11-0, 7553-56-2,	Fluka	**318981-500ML-HON**	Iodine solution 0.05 M (0.1 N)	-	500 ml	Glass	**N/A -**	-	-	-
		35090-1L-HON		Complies with pharma: EU	1 l	Glass	**N/A -**	**35090-6X1L-HON**	6 x 1 l	**N/A -**
7553-56-2, 7681-11-0	Fluka	**38060-1EA-HON**	Iodine solution concentrated for 1 l of final solution 0.05 M (0.1 N)	-	1 unit	Bulb	**N/A -**	**38060-6X1EA-HON**	6 units	**N/A -**
7681-11-0	Fluka	**03124-250G-HON**	Potassium iodide min. 99%	Conforms to EU and French EU, US and UK	250 g	Plastic	**N/A -**	**03124-6X250G-HON**	6 x 250 g	**N/A -**
		03124-1KG-HON			1 kg		**N/A -**	**03124-6X1KG-HON**	6 x 1 kg	**N/A -**
		30315-100G-HON	Potassium iodide min. 99.5%	Puriss - For analysis - ISO - Complies with pharma: EU	100 g	Plastic	**N/A -**	**30315-6X100G-HON**	6 x 100 g	**N/A -**
		30315-250G-HON			250 g		**N/A -**	**30315-6X250G-HON**	6 x 250 g	**N/A -**
		30315-500G-HON			500 g		**N/A -**	**30315-6X500G-HON**	6 x 500 g	**N/A -**
		30315-1KG-HON			1 kg		**N/A -**	**30315-6X1KG-HON**	6 x 1 kg	**N/A -**

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Case N°	Brand	Cat. No.	Description	Grade/ application/ standard	Pack.	Material of the container	€	Cat. No. Box packaging	Pack. Box packaging	€
67-56-1	Riedel-de Haen	24229-2.5L-HON	Methanol min. 99.7 %	Complies with pharma: EU	2.5 l	Plastic	N/A -	24229-4X2.5L-HON	4 x 2.5 l	N/A -
		32213-1L-HON	Methanol min. 99.8 %	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 l	Plastic	N/A -	32213-6X1L-HON	6 x 1 l	N/A -
		32213-2.5L-HON			2.5 l		N/A -	32213-4X2.5L-HON	4 x 2.5 l	N/A -
		32213-5L-HON			5 l		N/A -	32213-4X5L-HON	4 x 5 l	N/A -
		14262-1L-HON	Methanol min. 99.9 %	Chromasolv Ultra for LC/MS, tested for UHPLC/MS	1 l	Glass	N/A -	-	-	-
		14262-2L-HON			2 l		N/A -	-	-	-
		34485-2.5L-HON		Chromasolv for pesticide residue analysis	2.5 l	Glass	N/A -	34485-4X2.5L-HON	4 x 2.5 l	N/A -
		34860-1L-HON		Chromasolv for HPLC	1 l	Glass	N/A -	34860-6X1L-HON	6 x 1 l	N/A -
		34860-2.5L-HON			2.5 l		N/A -	34860-4X2.5L-HON	4 x 2.5 l	N/A -
		34885-2.5L-HON		Chromasolv gradient grade for HPLC	2.5 l	Glass	N/A -	34885-4X2.5L-HON	4 x 2.5 l	N/A -
		34966-1L-HON		Chromasolv for LC/MS	1 l	Glass	N/A -	34966-6X1L-HON	6 x 1 l	N/A -
		34966-2.5L-HON			2.5 l		N/A -	34966-4X2.5L-HON	4 x 2.5 l	N/A -
		414816-1L-HON		Chromasolv for analysis of volatile organic compounds by GC/MS	1 l	Glass	N/A -	-	-	-
123-51-3	Riedel-de Haen	59090-1L-HON	Methyl butanol min. 98.5%	Puriss - For analysis - ACS	1 l	Glass	N/A -	-	-	-
12054-85-2	Fluka	09880-100G-HON	Ammonium molybdate min. 99%	Puriss - For analysis - ACS	100 g	Plastic	N/A -	-	-	-
		09880-500G-HON			500 g		N/A -	-	-	-
6484-52-2	Fluka	31114-1KG-HON	Ammonium nitrate min. 98%	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 kg	Plastic	N/A -	31114-6X1KG-HON	6 x 1 kg	N/A -
7761-88-8	Fluka	34294-1L-HON	Silver nitrate 0.01 M (0.01 N)	-	1 l	Glass	N/A -	-	-	-
		35375-1L-HON	Silver nitrate 0.1 M (0.1 N)	Complies to the pharma: EU	1 l	Glass	N/A -	35375-6X1L-HON	6 x 1 l	N/A -
		72271-1L-HON		-	1 l	Glass	N/A -	-	-	-
		31630-100G-HON	Silver nitrate min. 99.8%	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	100 g	Plastic	N/A -	-	-	-
		38310-1EA-HON	Silver nitrate concentrated solution for 1 l of final solution 0.1 M (0.1 N)	-	1 unit	Plastic bulb	N/A -	38310-6X1EA-HON	6 units	N/A -
7757-79-1	Fluka	31263-1KG-HON	Potassium nitrate min. 99%	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 kg	Plastic	N/A -	31263-6X1KG-HON	6 x 1 kg	N/A -
7632-00-0	Fluka	35273-1L-HON	Sodium nitrite 0.1 M (0.1 N)	-	1 l	Plastic	N/A -	-	-	-
109-66-0	Riedel-de Haen	34956-2.5L-HON	Pentane min. 99%	Chromasolv for HPLC	2.5 l	Glass	N/A -	34956-4X2.5L-HON	4 x 2.5 l	N/A -
		60489-1L-HON		-	1 l	Glass	N/A -	60489-6X1L-HON	6 x 1 l	N/A -
7791-07-3	Honeywell	71852-250G-HON	Sodium perchlorate min. 98%	Purum - For analysis	250 g	Plastic	N/A -	-	-	-
	Fluka	89152-250G-HON	Sodium perchlorate min. 99%	For HPLC	250 g	Plastic	N/A -	-	-	-
7722-64-7	Fluka	35186-1L-HON	Potassium permanganate 0.02 M (0.1 N)	-	1 l	Glass	N/A -	35186-6X1L-HON	6 x 1 l	N/A -
		38130-1EA-HON	Potassium permanganate concentrated solution for 1 l final solution 0.02 M (0.1 N)	-	1 unit	Bulb	N/A -	38130-6X1EA-HON	6 units	N/A -
7722-84-1	Honeywell	216763-500ML-HON	Hydrogen peroxide 29-32%	ACS	500 ml	Plastic	N/A -	-	-	-
499-83-2	Fluka	31642-1L-HON	Hydrogen peroxide 30%	Complies with pharma: EU	1 l	Plastic	N/A -	31642-6X1L-HON	6 x 1 l	N/A -
7775-27-1	Honeywell	71890-1KG-HON	Sodium Persulfate min. 99%	Purum - For analysis	1 kg	Plastic	N/A -	-	-	-
64-17-5	Fluka	34607-500ML-HON	Phenolphthalein 1% solution	Complies to the pharma: EU	500 ml	Glass	N/A -	34607-6X500ML-HON	6 x 500 ml	N/A -
7778-77-0	Fluka	60220-1KG-HON	Anhydrous potassium phosphate min. 99.5%	Puriss - For analysis - ISO - ACS -Complies with EU. EU	1 kg	Plastic	N/A -	-	-	-
		04243-1KG-HON	Anhydrous potassium phosphate, E340 min. 98%	Complies with EU and French pharma	1 kg	Plastic	N/A -	04243-6X1KG-HON	6 x 1 kg	N/A -
		60221-250G-HON	Potassium phosphate min. 99.5%	For HPLC	250 g	Glass	N/A -	-	-	-
7558-80-7	Fluka	17844-250G-HON	Sodium phosphate min. 99%	For HPLC	250 g	Glass	N/A -	-	-	-
67-63-0	Riedel-de Haen	24137-1L-HON	2-Propanol (isopropanol) min. 99.5 %	Puriss - Complies with pharma. EU, US and UK	1 l	Plastic	N/A -	24137-6X1L-HON	6 x 1 l	N/A -
		24137-2.5L-HON			2.5 l		N/A -	24137-4X2.5L-HON	4 x 2.5 l	N/A -
		24137-5L-HON			5 l		N/A -	24137-4X5L-HON	4 x 5 l	N/A -
		33539-1L-HON	2-Propanol (isopropanol) min. 99.8 %	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 l	Plastic	N/A -	33539-6X1L-HON	6 x 1 l	N/A -
		33539-2.5L-HON			2.5 l		N/A -	33539-4X2.5L-HON	4 x 2.5 l	N/A -
		33539-5L-HON			5 l		N/A -	-	-	-
		34863-1L-HON	2-Propanol (isopropanol) min. 99.9 %	Chromasolv for HPLC	1 l	Glass	N/A -	34863-6X1L-HON	6 x 1 l	N/A -
		34863-2.5L-HON			2.5 l		N/A -	34863-4X2.5L-HON	4 x 2.5 l	N/A -
		34965-1L-HON		Chromasolv for LC/MS	1 l	Glass	N/A -	34965-6X1L-HON	6 x 1 l	N/A -
		34965-2.5L-HON			2.5 l		N/A -	34965-4X2.5L-HON	4 x 2.5 l	N/A -

Honeywell Chemicals

Case N°	Brand	Cat. No.	Description	Grade/ application/ standard	Pack.	Material of the container	€	Cat. No. Box packaging	Pack.	€
110-86-1	Riedel-de Haen	**270407-1L-HON**	Pyridine min. 99.9 %	Chromasolv Plus for HPLC	1 l	Glass	**N/A -**	-	-	-
7789-33-5, 64-19-7	Fluka	**35097-1L-HON**	Hanus reagent 0.1 M IBr	-	1 l	Glass	**N/A -**	-	-	-
7790-99-0, 64-19-7	Fluka	**35071-1L-HON**	Wijs reagent 0.1 M ICl	-	1 l	Glass	**N/A -**	**35071-6X1L-HON**	6 x 1 l	**N/A -**
7664-93-9	Fluka	**34629-2.5L-HON**	Silver sulphate / sulphuric acid mixture	For the determination of dissolved organic carbon (DIN 38409, part 41)	2.5 l	Glass	**N/A -**	**34629-4X2.5L-HON**	4 x 2.5 l	**N/A -**
7758-99-8	Fluka	**12849-1KG-HON**	Copper sulphate	Puriss - FCC and pharma compliant. EU, US and UK	1 kg	Plastic	**N/A -**	**12849-6X1KG-HON**	6 x 1 kg	**N/A -**
14634-91-4	Fluka	**46270-50ML-HON**	Iron sulphate (ferroin) 0.025 M	-	50 ml	Glass	**N/A -**	-	-	-
7778-80-5	Fluka	**31270-1KG-HON**	Potassium sulphate min. 99%	Puriss - For analysis - ISO - ACS	1 kg	Plastic	**N/A -**	**31270-6X1KG-HON**	6 x 1 kg	**N/A -**
7757-82-6	Fluka	**13464-1KG-HON**	Anhydrous sodium sulphate min. 99%	Puriss - Complies with EU , US and UK. EU , US and UK	1 kg	Plastic	**N/A -**	**13464-6X1KG-HON**	6 x 1 kg	**N/A -**
		13464-2.5KG-HON			2.5 kg		**N/A -**	-	-	-
		31481-1KG-HON		Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 kg	Plastic	**N/A -**	**31481-6X1KG-HON**	6 x 1 kg	**N/A -**
	Honeywell	**71962-1KG-HON**		Purum - For analysis	1 kg	Plastic	**N/A -**	-	-	-
7446-20-0	Fluka	**14455-1KG-HON**	Zinc sulphate min. 99%	Puriss - FCC and pharma compliant. EU, US and UK	1 kg	Plastic	**N/A -**	**14455-6X1KG-HON**	6 x 1 kg	**N/A -**
		31665-1KG-HON	Zinc sulphate min. 99.5%	Complies with EU EU	1 kg	Plastic	**N/A -**	**31665-6X1KG-HON**	6 x 1 kg	**N/A -**
109-99-9	Riedel-de Haen	**34865-1L-HON**	Tetrahydrofuran free of inhibitor min. 99.9 %	Chromasolv Plus for HPLC	1 l	Glass	**N/A -**	**34865-6X1L-HON**	6 x 1 l	**N/A -**
		34865-2.5L-HON			2.5 l		**N/A -**	**34865-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		87368-2.5L-HON	Stabilised tetrahydrofuran BHT min. 99.9 %	Puriss - For analysis - ACS - Complies with pharma: EU	2.5 l	Glass	**N/A -**	**87368-4X2.5L-HON**	4 x 2.5 l	**N/A -**
1762-95-4	Fluka	**35036-1L-HON**	Ammonium thiocyanate 0.1 M (0.1 N)	-	1 l	Glass	**N/A -**	-	-	-
7772-98-7	Fluka	**35245-1L-HON**	Sodium thiosulphate 0.1 M (0.1N)	Complies to the pharma: EU	1 l	Plastic	**N/A -**	**35245-6X1L-HON**	6 x 1 l	**N/A -**
		38243-1EA-HON	Sodium thiosulphate concentrated solution for 1 l final solution 0.01 M (0.01 N)	-	1 unit	Plastic bulb	**N/A -**	**38243-6X1EA-HON**	6 units	**N/A -**
		38200-1EA-HON	Sodium thiosulphate concentrated solution for 1 l final solution 0.1 M (0.1 N)	-	1 unit	Plastic bulb	**N/A -**	**38200-6X1EA-HON**	6 units	**N/A -**
108-88-3	Riedel-de Haen	**32249-1L-HON**	Toluene min. 99.7 %	Puriss - For analysis - ISO - ACS - Complies with pharma: EU	1 l	Glass	**N/A -**	**32249-6X1L-HON**	6 x 1 l	**N/A -**
		32249-2.5L-HON			2.5 l		**N/A -**	**32249-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		34494-2.5L-HON		Chromasolv for pesticide residue analysis according to FDA	2.5 l	Glass	**N/A -**	**34494-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		34866-2.5L-HON	Toluene min. 99.9 %	Chromasolv for HPLC	2.5 l	Glass	**N/A -**	**34866-4X2.5L-HON**	4 x 2.5 l	**N/A -**
		650579-1L-HON		Chromasolv Plus for HPLC	1 l	Glass	**N/A -**	-	-	-
540-84-1	Honeywell	**258776-2.5L-HON**	Trimethylpentane min. 99%	-	2.5 l	Glass	**N/A -**	-	-	-
	Riedel-de Haen	**34499-1L-HON**		Chromasolv for pesticide residue analysis	1 l	Glass	**N/A -**	**34499-6X1L-HON**	6 x 1 l	**N/A -**
		34499-2.5L-HON			2.5 l		**N/A -**	-	-	-
		34862-2.5L-HON		Chromasolv for HPLC	2.5 l	Glass	**N/A -**	**34862-4X2.5L-HON**	4 x 2.5 l	**N/A -**
100-41-4	Honeywell	**16446-2.5L-HON**	Xylene, mixture of isomers min. 99%	-	2.5 l	Glass	**N/A -**	**16446-4X2.5L-HON**	4 x 2.5 l	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Green chemistry products - CARLO ERBA

CARLO ERBA Reagents offers you a range of greener alternatives to some of the classic solvents.



Find on www.dulis.nl the physico-chemical properties and the substitutable solvents

Cat. No.	Description	Volume	€	Description
P9960216-CER	2-METHYLTETRAHYDROFURAN RE-PURE for synthesis	1 l	N/A -	A real green alternative to THF and DCM, it is derived from renewable sources
P9960221-CER	2-METHYLTETRAHYDROFURAN RE-PURE for synthesis	2.5 l	N/A -	
P9960229-CER	2-METHYLTETRAHYDROFURAN RE-PURE for synthesis	5 l	N/A -	
P9960248-CER	2-METHYLTETRAHYDROFURAN RE-PURE for synthesis	25 l	N/A -	
412681-CER	2-METHYLTETRAHYDROFURANE RS grade for isocratic HPLC	1 l	N/A -	
412682-CER	2-METHYLTETRAHYDROFURANE RS grade for isocratic HPLC	2.5 l	N/A -	
P9990216-CER	4-METHYLTETRAHYDROPYRAN RE-PURE	1 l	N/A -	An innovative alternative to THF
P9990221-CER	4-METHYLTETRAHYDROPYRAN RE-PURE	2.5 l	N/A -	
P9990218-CER	4-METHYLTETRAHYDROPYRANE RE-PURE for synthesis	500 ml	N/A -	
P8010216-CER	CYCLOPENTYL METHYL ETHER RE-PURE for synthesis	1 l	N/A -	This solvent reduces the amount of waste water and the need for other solvents during the extraction phase of the desired product, thanks to its hydrophobicity
P8010229-CER	CYCLOPENTYL METHYL ETHER RE-PURE for synthesis	5 l	N/A -	
P8010248-CER	CYCLOPENTYL METHYL ETHER RE-PURE for synthesis	25 l	N/A -	
P8030216-CER	1.3-DIOXOLANE RE-PURE for synthesis	1 l	N/A -	This solvent reduces the amount of waste water and the need for other solvents during the extraction phase of the desired product, thanks to its hydrophobicity
P8030222-CER	1.3-DIOXOLANE RE-PURE for synthesis	5 l	N/A -	
P8030249-CER	1.3-DIOXOLANE RE-PURE for synthesis	25 l	N/A -	
P8020218-CER	N,N'-DIMETHYLPROPYLENE UREE RE-PURE for synthesis	500 ml	N/A -	The best "green" alternative to aprotic dipolar solvents because of its reduced toxicity.
P8020216-CER	N,N'-DIMETHYLPROPYLENE UREE RE-PURE for synthesis	1 l	N/A -	
P8020229-CER	N,N'-DIMETHYLPROPYLENE UREE RE-PURE for synthesis	5 l	N/A -	
P8020248-CER	N,N'-DIMETHYLPROPYLENE UREE RE-PURE for synthesis	25 l	N/A -	
P8040216-CER	1.3-PROPANEDIOL RE-PURE for synthesis	1 l	N/A -	Produced from renewable resources (maize)
P8040222-CER	1.3-PROPANEDIOL RE-PURE for synthesis	5 l	N/A -	

	Dichloromethane (DCM)	Tetrahydrofuran (THF)	Dimethylsulphoxide (DMSO)	Dimethylformamide (DMF)	tert-Butylmethylether (MTBE)	Dioxane	Diethyl ether	Toluene	Xylene
2-Methyltetrahydrofuran (2-MeTHF)		X				X	X		
Cyclopenthylmethylether (CPME)		X			X	X	X		
n,n'-Dimethylpropyleneurea (DMPU)				X					
4-Methyltetrahydropyran (MTHP)		X							
1.3-Dioxolane	X	X	X					X	X

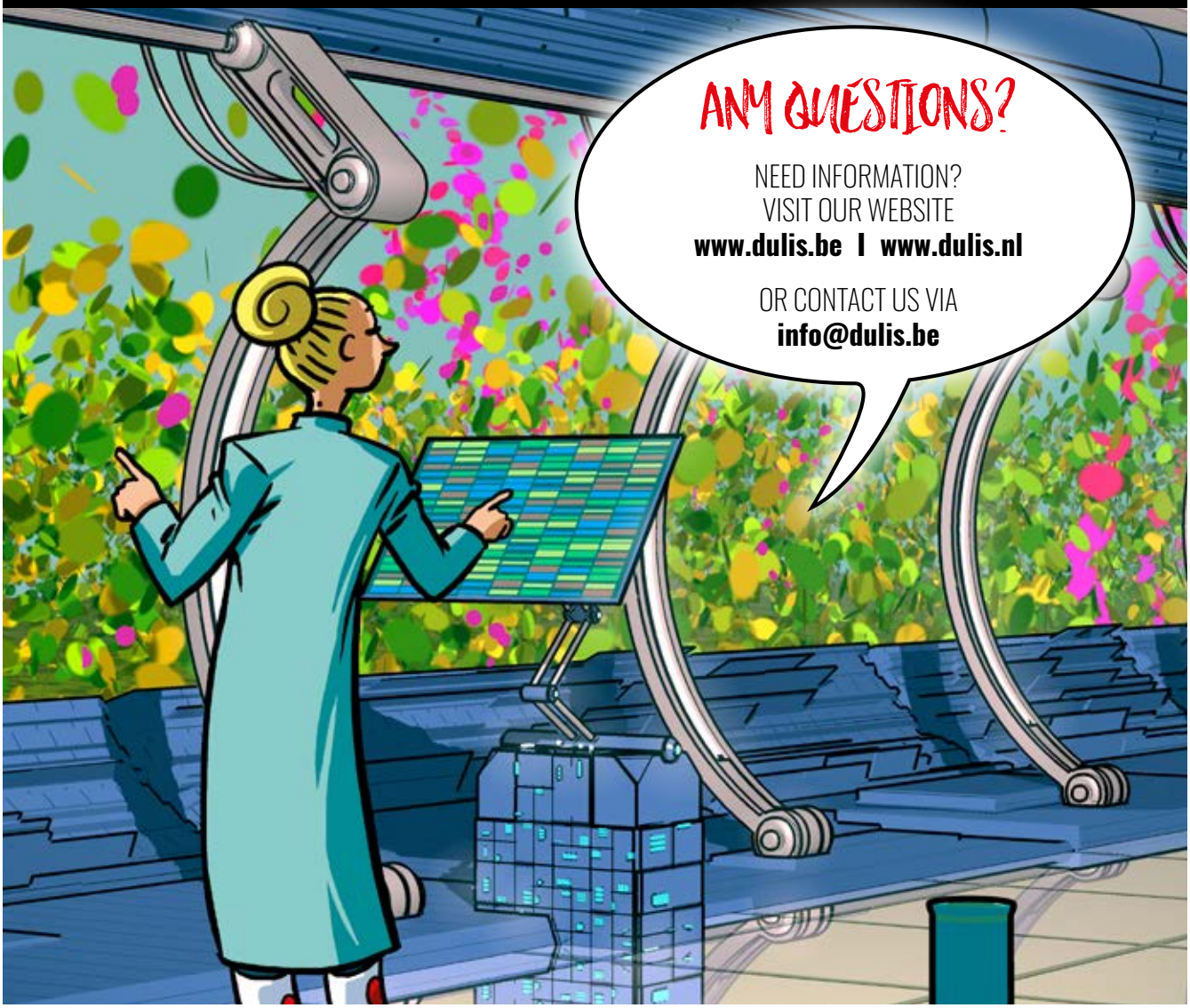
Green Chemistry Products - Merck Chemistry

Cat. No.	Description	Volume (l)	€
901351-1L-SIG	1-Butanol biorenewable ACS Min.99.4%	1	N/A -
901351-2.5L-SIG		2.5	N/A -
904082-1L-SIG	Biorenewable Acetone ACS Min. 99.5 %	1	N/A -
904082-2.5L-SIG		2.5	N/A -
904082-4L-SIG		4	N/A -
904082-18L-SIG		18	N/A -
904082-200L-SIG		200	N/A -

Merck offers bio-based solvents as an alternative to petroleum-based solvents.

Production from petroleum results in the cogeneration of compounds such as benzene, aldehydes and ethers. The production of bio-renewable solvents not only reduces the carbon footprint but also avoids the generation of these problematic compounds.

WELCOME TO DULIS



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Customer Care Coordinator.

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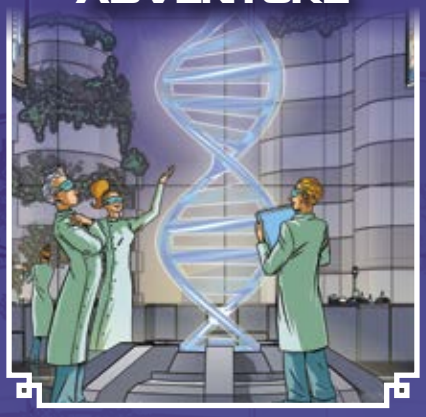
Véronique VAN DEN BOSSCHE is ready to help you with all your questions: **quotation requests, offers & prices.**

Do not hesitate to contact her at **+32 81 94 66 00**
or by email **veronique.vandenbossche@dulis.be**



All prices are indicative and exclude VAT. Visit www.dulis.nl

AN EXTRAORDINARY ADVENTURE



TUBES AND RACKS

- Microtubes with snap cap
  ClearLine®, Eppendorf, Mµlti, Biosigma, Greiner Bio-One, Treff®, Labcon, Simport®, 4titude, Hamilton and other brands 611 to 624
- Tubes 5 ml and 25 ml with snap cap
  ClearLine®, Eppendorf, Greiner Bio-One, Labcon, Simport® and other brands 625 to 628
- Screw cap Microtubes
  ClearLine®, Greiner Bio-One, Simport®, Nalgene™ and other brands 629 to 644
- Tubes 5 ml screw cap and other brands 645 and 646
- Centrifuge tubes 15 ml, 25 ml and 50 ml 647 to 655
- Large volume threaded tubes 656 and 657
- Threaded tubes
  Corning®, Greiner Bio-One, Nalgene™, Simport®, Labcon, Biosigma, Nunc™ 658 to 669
- Straight neck tubes
  Corning®, Greiner Bio-One, Nalgene™, Simport®, Nunc™, Biosigma 670 à 683
- Plugs 684 to 692
- Various racks for tubes 692 to 700
- Racks for tubes 5 ml to 50 ml 701 to 705
- Racks for tubes 0.2 to 2 ml 706 to 711
- Racks for screw cap microtubes 712
- Multi-tube racks 713 to 717
- Tiered racks 717 and 718
- Floating racks 719 and 720
- Bottle racks 720
- Stainless steel transport baskets, baskets and grids 721 and 722
- Glassware dryer, drip tray 723
- Drosophila tubes and accessories, animal accessories 724 to 730

ClearLine® standard microtubes

Volume (ml)	1.5		2	
Diameter (mm)	10.8	10.8	10.8	10.8
Height (mm)	41	41	42	42
Material	Virgin polypropylene			
Sterile	No			
Cap Type	Snap; pierceable			
Autoclavable	Yes			
Max centrifugal speed (g)	25000			
Graduation	Yes on tube and cap			
Marking area	Yes			
Operating temperature	-80 °C to +121 °C			
Specifications	Free of DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors; CE IVD marked			
Units/box	2 resealable bags of 500 Microtubes	1000 tubes	2 resealable bags of 500 Microtubes	1000 tubes
Cat. No. natural	**390689**	**390690**	**390691**	**390692**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**



ClearLine® Clear-Lock Microtubes





Volume (ml)	0.5				1.5				2			
Diameter (mm)	7.8	7.8	7.8	7.8	10.66	10.66	10.66	10.66	10.73	10.73	10.73	10.73
Height (mm)	30	30	30	30	38	38	38	38	40.1	40.1	40.1	40.1
Material	Virgin polypropylene											
Sterile	No	No	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes
Cap Type	Snap Clear-Lock; pierceable											
Autoclavable	Yes											
Max centrifugal speed (g)	30000											
Graduation	Yes on tube and cap											
Marking area	Yes											
Operating temperature	-80 °C to +121 °C											
Specifications	Free of DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors; CE IVD mark; Secure locking system, prevents accidental opening											
Units/box	Bag with 500 microtubes	Box with 500 microtubes	50 microtubes individually wrapped	5 bags with 100 microtubes	Bag with 1000 microtubes	2 boxes with 500 microtubes	100 microtubes individually wrapped	4 bags with 50 microtubes	Bag with 1000 microtubes	2 boxes with 500 microtubes	100 microtubes individually wrapped	4 bags with 50 microtubes
Cat. No. natural	**390931A**	**390929**	**395018**	**395019**	**390903**	**390901**	**390940**	**395020**	**390904**	**390902**	**390941**	**395021**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

ClearLine® Starter Kit Tube

Pack Composition

- 500 CLEAR-LOCK microtubes 0.5 ml
- 1000 CLEAR-LOCK microtubes 1.5 ml
- 1000 CLEAR-LOCK microtubes 2 ml
- 500 CLEAR-LOCK tubes 5 ml
- 1 roll of 1000 cryo labels 9.5 mm white
- 1 roll of 1000 cryo labels 33 x 13 mm white

Cat. No.	Description	€
999842	ClearLine® Tube Starter Kit	**N/A -**



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Eppendorf Microtubes 3810

	Eppendorf quality™	PCR Clean
		
Volume (ml)	1.5	1.5
Diameter (mm)	10.8	10.8
Height (mm)	41	41
Material	Virgin polypropylene	Virgin polypropylene
Sterile	No	No
Cap Type	Snap	Snap
Autoclavable	Yes	Yes
Max centrifugal speed (g)	30000	30000
Graduation	Yes	Yes
Marking area	Yes on tube and cap	Yes on tube and cap
Operating temperature	-86 °C to +100 °C	-86° C to +100 °C
Specifications	Easy opening and secure closing; no release agents, plasticizers or biocides	PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors Easy opening and secure closing; no release agents, plasticizers or biocides
Units/box	Box with 1000 microtubes	Box with 1000 microtubes
Natural	**033511**	**033510**
Yellow	**033512**	-
Red	**033514**	-
Green	**033513**	-
Blue	**033528**	-
€/box	**N/A -**	**N/A -**

Eppendorf Safe-Lock Microtubes

	Eppendorf quality™			Biopur		
						
Volume (ml)	0.5	1.5	2	0.5	1.5	2
Diameter (mm)	7.8	10.8	10.8	7.8	10.8	10.8
Height (mm)	31	41	42	31	41	42
Material	Virgin polypropylene			Virgin polypropylene		
Sterile	No			Yes		
Cap Type	Safe-Lock Snap			Safe-Lock Snap		
Autoclavable	Yes			Yes		
Max centrifugal speed (g)	30000	30000	25000	22000		
Graduation	Yes			Yes		
Marking area	Yes on tube and cap			Yes on tube and cap		
Operating temperature	-86 °C to +100 °C			-86 °C to +100 °C		
Specifications	Secure locking system to prevent accidental opening; no release agents, plasticizers or biocides			Biopur® quality, free of DNases, RNases, human and bacterial DNA, endotoxins, ATP and PCR inhibitors; secure locking system to prevent accidental opening; no release agents, plasticizers or biocides		
Units/box	Box with 500 microtubes	Box with 1000 microtubes	Box with 1000 microtubes	50 microtubes individually wrapped	100 microtubes individually wrapped	100 microtubes individually wrapped
Natural	**033283**	**033290**	**033297**	**033304**	**033305**	**033306**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Yellow	**033284**	**033291**	**033298**	-	-	-
Red	**033285**	**033292**	**033299**	-	-	-
Green	**033287**	**033294**	**033301**	-	-	-
Blue	**033286**	**033293**	**033300**	-	-	-
Assorted*	**033289**	**033296**	**033303**	-	-	-
Amber	**033288**	**033295**	**033302**	-	-	-
€/box	**N/A -**	**N/A -**	**N/A -**	-	-	-

*(natural, yellow, red, green and blue)

Eppendorf Safe-Lock Microtubes

	PCR Clean								
	Standard			Protein LoBind®			DNA LoBind®		
									
Volume (ml)	0.5	1.5	2	0.5	1.5	2	0.5	1.5	2
Diameter (mm)	7.8	10.8	10.8	7.8	10.8	10.8	7.8	10.8	10.8
Height (mm)	31	41	42	31	41	42	31	41	42
Material	Virgin polypropylene			Polypropylene					
Sterile	No								
Cap Type	Safe-Lock Snap								
Autoclavable	Yes								
Max centrifugal speed (g)	30000	30000	25000	18000	18000	18000	30000	30000	25000
Graduation	Yes								
Marking area	Yes on tube and cap								
Operating temperature	-86 °C to +100 °C								
Specifications	PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure locking system, preventing accidental opening; no release agents, plasticizers or biocides			Material protein LoBind, a special polymer that creates a hydrophilic surface for maximum sample recovery; PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure locking system, prevents accidental opening; no release agents, plasticizers or biocides			LoBind DNA material, a combination of special manufacturing technologies and selected batches, ensures virtually 100% recovery of DNA/RNA molecules; no surface coating to eliminate the risk of sample contamination; PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure locking system, prevents accidental opening; no release agents, plasticizers or biocides		
Units/box	Box with 500 microtubes	Box with 1000 microtubes		2 bags with 50 microtubes			5 bags with 50 microtubes		
Natural	**033307**	**033508**	**033509**	**033867**	**033868**	**033869**	**033870**	**033871**	**033872**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

	Forensic DNA		
			
Volume (ml)	0.5	1.5	2
Diameter (mm)	7.8	10.8	10.8
Height (mm)	31	41	42
Material	Virgin polypropylene		
Sterile	No		
Cap Type	Safe-Lock Snap		
Autoclavable	Yes		
Max centrifugal speed (g)	30000		
Graduation	Yes		
Marking area	Yes on tube and cap		
Operating temperature	-86 °C to +100 °C		
Specifications	Forensic DNA quality: free of DNases, RNases, human DNA and PCR inhibitors; secure locking system to prevent accidental opening; no release agents, plasticizers or biocides		
Units/box	Box with 500 microtubes		
Natural	**933933**	**933934**	**933935**
€/box	**N/A -**	**N/A -**	**N/A -**

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Safeseal Mµlti microtubes





Volume (ml)	0.65	1.5	2
Inner diameter (mm)	6.4	9.19	10.95
Height without cap (mm)	29.97	38.98	39.12
Material	Polypropylene		
Sterile	No		
Cap Type	Snap Safeseal		
Autoclavable	Yes		
Max centrifugal speed (g)	26000 g		
Graduation	Yes		
Marking area	Yes		
Operating temperature	-80 °C to +121 °C		
Specifications	Cap designed for repeated closures and openings while ensuring a good seal; free of DNases, RNases, endotoxins, human DNA and PCR inhibitors		

Units/box	Bag with 1000 micro-tubes	20 bags with 1000 micro-tubes	Box containing 1 bag of 1000 micro-tubes	10 bags with 1000 micro-tubes	5 bags with 200 micro-tubes	Bag with 500 micro-tubes	10 bags with 1000 micro-tubes	Bag with 1000 micro-tubes	Box containing 1 bag of 500 micro-tubes	10 bags with 500 micro-tubes	Bag with 400 micro-tubes	Bag with 800 micro-tubes	Box containing 1 bag of 400 micro-tubes	10 bags with 400 micro-tubes
Natural	**017030A**	**017030**	**129240**	-	-	**037840**	**017040**	**017040A**	**129250**	-	**012000A**	**01220A**	**129260**	-
Yellow	-	-	-	**011190**	-	-	-	-	-	**011560**	-	-	-	**012040**
Green	-	-	-	**011080**	-	-	-	-	-	**011450**	-	-	-	**011940**
Blue	-	-	-	**011060**	-	-	-	-	-	**011430**	-	-	-	**011920**
Pink	-	-	-	**011120**	-	-	-	-	-	**011490**	-	-	-	**011980**
Violet	-	-	-	**011170**	-	-	-	-	-		-	-	-	**012020**
Assorted	-	-	-	-	**027540**	-	-	-	-	**011590**	-	-	-	-
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

*(natural, yellow, red, green and blue)

Low Binding Microtubes



Volume (ml)	0.65	1.5	2
Diameter int.(mm)	6.4	9.19	10.95
Height without cap (mm)	29.97	38.98	39.12
Material	Polypropylene		
Sterile	No		
Cap Type	Snap		
Autoclavable	Yes		
Max centrifugal speed (g)	24000		
Graduation	Yes		
Marking area	Yes		
Specifications	Cap designed for repeated closing and opening while ensuring good closure; low protein adsorption; free of DNases, RNases, endotoxins, human DNA and PCR inhibitors		
Units/box	Bag with 500 microtubes	250 microtubes	2 bags with 500 microtubes
Cat. No. natural	**027200**	**027210**	**012180**
€/box	**N/A -**	**N/A -**	**N/A -**

Dolphin nose microtubes



Volume (ml)	2
Internal Diameter (mm)	11.02
Height without cap (mm)	39.75
Material	Polypropylene
Sterile	No
Cap Type	Snap
Autoclavable	Yes
Max centrifugal speed (g)	15000
Graduation	Yes
Marking area	Yes
Operating temperature	-80 °C to +121 °C
Specifications	Ideal background for pellet recovery; free of DNases, RNases, endotoxins, human DNA and PCR inhibitors
Units/box	1000 microtubes
Natural	**027270**
€/box	**N/A -**

Biosigma microtubes





Volume (ml)	1.5			2
Diameter (mm)	10.8	10.8	10.8	10.8
Height (mm)	41	41	41	41
Material	Polypropylene			
Sterile	No			
Caps	Yes	Yes	No	Yes
Cap Type	Pierceable snap	Pierceable snap	-	Pierceable snap
Autoclavable	Yes			
Max centrifugal speed (g)	25000			
Graduation	Yes			
Marking area	Yes on tube and cap			
Operating temperature	-80 °C to +121 °C			
Specifications	CE IVD Mark			
Units/box	Resealable bag of 500 microtubes	Resealable bag of 1000 microtubes		
Cat. No. single tube natural	-	-	**390526**	-
Natural	**390525**	-	-	**390524**
Yellow	-	**390536**	-	-
Green	-	**390538**	-	-
Blue	-	**390535**	-	-
Pink	-	**390537**	-	-
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Greiner Bio-One Microtubes







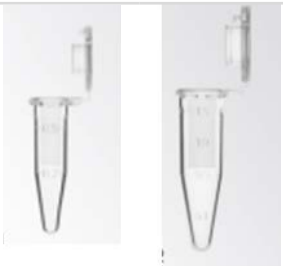




Volume (ml)	0.5	1.5			2
Diameter (mm)	7.7	9.12	10.45	9.12	9.31
Height (mm)	31.9	39	39	39	40.25
Material	Polypropylene				
Sterile	No				
Caps	Yes	Yes	No	Yes	Yes
Cap Type	Snap	Snap	-	Snap	Snap
Autoclavable	Yes	Yes	Yes	No	Yes
Max centrifugal speed (g)	18000	18000	18000	18000	16000
Graduation	No	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	Yes	Yes
Operating temperature	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +100 °C	-80 °C to +121 °C
Specifications	Free of DNases, RNases, human DNA and endotoxins; low trace of heavy metals; Viatron compatible	Free of DNases, RNases, human DNA and endotoxins; low traces of heavy metals			
Units/box	1000 microtubes	500 microtubes	500 microtubes	8 bags with 500 microtubes	500 microtubes
Cat. No. single tube natural	-	-	**618201**	-	-
Natural	**667201**	**616201**	-	-	**623201**
Black	-	-	-	**616283**	-
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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EasyFit® Treff® Microtubes

	CleanRoom Pure®				LoTrace® DNA	
EasyFit®						
Volume (ml)	0.5		1.5		0.5	1.5
Diameter (mm)	10	10	12.8	12.8	10	12.8
Height (mm)	30	30	38.8	38.8	30	38.8
Material	Virgin polypropylene	Virgin polypropylene	Virgin polypropylene	Virgin polypropylene	Virgin polypropylene	Virgin polypropylene
Sterile	No	Yes	No	Yes	No	No
Cap Type	Snap EasyFit®					
Autoclavable	Yes					
Max centrifugal speed (g)	30000					
Graduation	Yes					
Marking area	Yes					
Operating temperature	-195 °C to +121 °C					
Specifications	For general use; easy opening; cleanroom class 8 according to ISO 14644-1; free of DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors				Low DNA adhesion; for general use; easy to open; cleanroom class 8 according to ISO 14644-1; free of DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors	
Units/box	500 microtubes		1000 microtubes		2000 microtubes	1000 microtubes
Natural	**034001**	**034159**	**034013**	**034013S**	**982748**	**982749**
Yellow	**034003**	-	**034015**	-	-	-
Green	**034004**	-	**034016B**	-	-	-
Blue	**034005**	-	**034017**	-	-	-
Pink	**034002**	-	**034014**	-	-	-
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

TIP





➤**CapLock:**
Fully sealed caps, double lock to prevent opening of cap during incubation

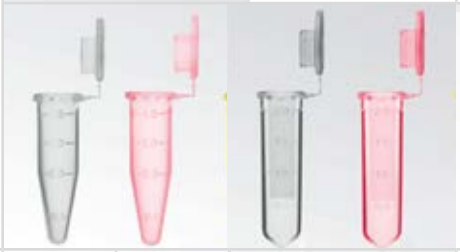


➤**EasyFit:**
For general use and storage



➤**ClickFit:**
Reinforced closure, particularly suitable for heating applications

ClickFit® Treff® Microtubes

	CleanRoom Pure®				LoTrace® DNA					
ClickFit®										
Volume (ml)	0.5	1.5	2		0.5	1.5	2	0.5	1.5	2
Diameter (mm)	10	12.8	12.8	12.8	10	12.8	12.8	10	12.8	12.8
Height (mm)	30	38.8	40	40	30	38.8	40	30	38.8	40
Material	Virgin polypropylene				Polypropylene					
Sterile	No	No	No	Yes	No	No	No	No	No	No
Cap Type	Snap ClickFit®									
Autoclavable	Yes									
Max centrifugal speed (g)	30000	30000	20000	20000	30000	30000	20000	30000	30000	20000
Graduation	Yes									
Marking area	Yes									
Operating temperature	-190 °C to +121 °C									
Specifications	For general use with reinforced closure; ideal for applications requiring heating of the microtube; cleanroom grade 8 according to ISO 14644-1; free of DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors				Low DNA adhesion; for general use with reinforced closure; ideal for applications requiring heating of the microtube; cleanroom class 8 according to ISO 14644-1; free of DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors			LightBlock for light-sensitive samples; low DNA adhesion; for general use with reinforced closure; ideal for applications requiring heating of the microtube; cleanroom class 8 according to ISO 14644-1; free of DNases, RNases, human DNA, endotoxins, ATP and PCRTP inhibitors		
Units/box	500 microtubes	1000 microtubes	500 microtubes	500 microtubes	2000 microtubes	1000 microtubes	1000 microtubes	500 microtubes	1000 microtubes	500 microtubes
Natural	-	**034019**	**034033**	**034158**	**982750**	**982751**	**982752**	-	-	-
High transparency	**034009**	**034031**	-	-	-	-	-	-	-	-
Yellow	-	**034021**	**034035**	-	-	-	-	-	-	-
Green	-	**034022**	**034036**	-	-	-	-	-	-	-
Blue	-	**034023**	**034037**	-	-	-	-	-	-	-
Pink	-	**034020**	**034034**	-	-	-	-	-	-	-
Black	-	-	-	-	-	-	-	**034008B**	**034024B**	**034126**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

CapLock® Treff® Microtubes

	CleanRoom Pure®			LoTrace® DNA		
CapLock®						
Volume (ml)	0.5	1.5	2	0.5	1.5	2
Diameter (mm)	10	12.8	12.8	10	12.8	12.8
Height (mm)	30	38.8	40	30	38.8	40
Material	Virgin polypropylene					
Sterile	No					
Cap Type	Snap CapLock®					
Autoclavable	Yes					
Max centrifugal speed (g)	30000	30000	20000	30000	30000	20000
Graduation	Yes					
Marking area	Yes					
Operating temperature	-190 °C to +121 °C					
Specifications	Double Lock® security locking system, preventing accidental opening; manufactured in ISO 14644-1 class 8 cleanroom; free of DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors			Low DNA adhesion; secure double Lock® locking system, preventing accidental opening; clean room class 8 according to ISO 14644-1; free of DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors		
Units/box	500 microtubes	1000 microtubes	500 microtubes	2000 microtubes	1000 microtubes	1000 Microtubes
Cat. No. natural	**982855**	**982856**	**982857**	**982753**	**982754**	**982755**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Superspin™ Labcon Microtubes



Volume (ml)	1.5
Diameter (mm)	12.2
Height (mm)	40.64
Material	Polypropylene
Sterile	No
Autoclavable	Yes
Max centrifugal speed (g)	40000
Graduation	Yes
Marking area	Yes
Colour	Ultra-transparent
Operating temperature	-80 °C to +122 °C
Specifications	Ultra smooth surface, low binding; free of DNases, RNases, human DNA, endotoxins (< 0.05 EU/ ml), ATP and PCR inhibitors; Certified low metal content (< 1 ppm)
Units/box	10 resealable bags of 500 Microtubes
Natural	**949832**
Yellow	**949834**
Red	**949836**
Green	**949839**
Blue	**949838**
Violet	**949837**
Orange	**949835**
Assorted*	**949840**
Amber	**949833**
€/box	**N/A -**

*(yellow, red, green, blue, orange)

SuperClear™ Labcon Microtubes



Volume (ml)	0.5	1.7	2
Diameter (mm)	7.7	10.3	10.1
Height (mm)	30.2	39.3	39.3
Material	Polypropylene		
Sterile	No		
Cap Type	Snap	Snap	Pierceable snap
Autoclavable	Yes		
Max centrifugal speed (g)	35000		
Graduation	Yes		
Marking area	Yes		
Colour	Ultra-transparent		
Operating temperature	-80 °C to +122 °C		
Specifications	Free of DNases, RNases, human DNA, endotoxins (< 0.05 EU/ ml), TP and PCR inhibitors; certified low metal content (< 1 ppm)		
Units/box	10 resealable bags of 1000 Microtubes	10 resealable bags of 500 Microtubes	10 resealable bags of 500 Microtubes
Natural	**949841**	**949831**	**949865**
Yellow	**949842**	**950685**	**949867**
Red	**949844**	**950687**	**949869**
Green	**949847**	**950690**	**949872**
Blue	**949846**	**950689**	**949871**
Violet	**949845**	**950688**	**949870**
Orange	**949843**	**950686**	**949868**
Assorted*	**949848**	**950691**	**949873**
Amber	-	-	**949866**
€/box	**N/A -**	**N/A -**	**N/A -**

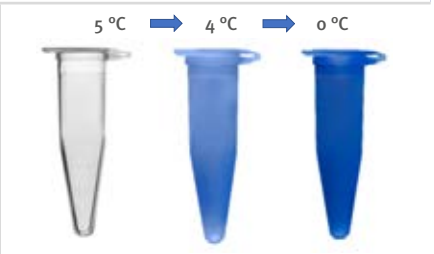
*(yellow, red, green, blue, orange)

SuperSlik™ Labcon Microtubes



Volume (ml)	0.5	1.5	1.7
Diameter (mm)	7.7	10.3	10.1
Height (mm)	30.2	39.3	39.3
Material	Polypropylene		
Sterile	No	No	Yes
Autoclavable	Yes		
Max centrifugal speed (g)	20000	20000	15000
Graduation	Yes		
Marking area	Yes		
Colour	Transparent	Transparent	Transparent
Operating temperature	-80 °C to +122 °C	-80 °C to +122 °C	-80 °C to +122 °C
Specifications	Low protein adosption; free of DNases, RNases, human DNA, endotoxins (< 0.05 EU/ ml), ATP and PCR inhibitors; certified low metal content (< 1 ppm)		
Units/box	10 resealable bags with 500 microtubes	10 resealable bags with 250 microtubes	10 resealable bags with 500 microtubes
Natural Cat. No.	**949849**	**949864**	**949860**
€/box	**N/A -**	**N/A -**	**N/A -**

Viewpoint™ Labcon Microtubes



Volume (ml)	1.5
Diameter (mm)	10.3
Height (mm)	39.3
Material	Polypropylene
Sterile	No
Autoclavable	Yes
Max centrifugal speed (g)	40000
Graduation	Yes
Marking area	Yes
Colour	Translucent at +5 °C; light blue at +4 °C; dark blue from 0 °C
Operating temperature	-80 °C to +121 °C
Specifications	Free of DNases, RNases, endotoxins (< 0.05 EU/ ml) and ATP; certified low metal content (< 1 ppm); CE IVD marking; IATA 95 kPa compliant for transport of infectious agents; U.S.P Class VI compliant; recyclable; UV protection when tube turns dark blue
Units/box	10 bags of 100 tubes
Natural Cat. No.	**950664**
€/box	**N/A -**

Simport® Microtubes

Volume (ml)	1.5
Material	Polypropylene
Sterile	No
Cap Type	Snap Secure-Lock™; pierceable
Autoclavable	Yes
Max. centrifugal speed (g)	20000
Graduation	Yes
Marking area	Yes
Operating temperature	-175 °C to +121 °C
Specifications	Secure locking system to prevent accidental opening; free of DNases, RNases, DNA and endotoxins
Units/box	Resealable bag of 500 microtubes
Cat. No.	**040210**
€/box	**N/A -**



4Titude Microtubes

Volume (ml)	2
Material	Polypropylene
Caps	Yes
Cap Type	Safe-Lock Snap
Autoclavable	Yes
Max. centrifugal speed (g)	20000
Graduation	Yes
Marking area	Yes
Specifications	Secure locking system to prevent accidental opening; free of DNases, RNases, DNA and endotoxins
Units/box	Bag with 500 microtubes
Cat. No. natural	**448067**
€/box	**N/A -**





Hamilton microtubes

Volume (ml)	1.5		
Material	Polypropylene		
Sterile	No	No	Yes
Caps	Yes		
Cap Type	Snap opening at the back of the cap / self-locking cap at 90 °C		
Autoclavable	Yes		
Max centrifugal speed (g)	15000	15000	15000
Graduation	Yes		
Marking area	Yes		
Operating temperature	-80 °C to +121 °C		
Specifications	-	Free of DNase, RNase and endotoxin	Free of DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors
Units/box	4 bags with 500 microtubes	4 bags with 500 microtubes	20 bags with 100 microtubes
Cat. No. natural	**199204**	**199205**	**199206**
€/box	**N/A -**	**N/A -**	**N/A -**

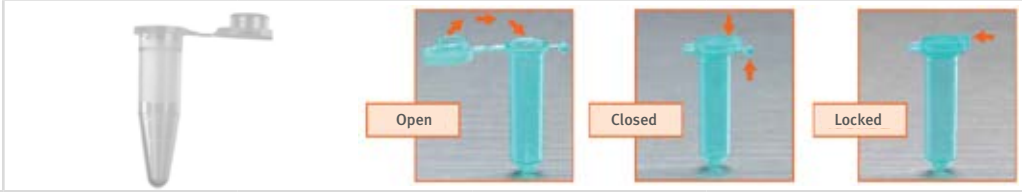


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Polypropylene microtubes with snap cap

				Standard assorted Fluo assorted		
						
Volume (ml)	0.5					
Diameter (mm)	7.5	7.7	7.9	7.7	-	-
Height (mm)	31.25	30.2	31.3	30.2	-	-
Material	Polypropylene					
Sterile	No	No	No	No	Yes	No
Cap Type	Snap	Snap	Snap	Snap	Snap; pierceable	Snap
Autoclavable	Yes					
Max. centrifugal speed (g)	11000	20000	18000	20000	28000	15000
Skirt	No					
Graduation	No	Yes	Yes	Yes	Yes	Yes
Marking area	No	Yes	Yes	Yes	Yes	Yes
Colour	Translucent	Transparent	Excellent transparency	Excellent transparency	Excellent transparency	Opaque
Operating temperature		-80 °C to +121 °C	-70 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-100 °C to +121 °C
Specifications	CE IVD Marking	Free of DNases, RNases, human DNA, endotoxins, DNA and PCR inhibitors; low surface adsorption	Reinforced closure cap	Cap with reinforced closure; free of DNases, RNases, human DNA, endotoxins, DNA and PCR inhibitors	Cap with secure closure; free of DNases, RNases and endotoxins	Cap with reinforced closure; for photosensitive samples
Units/box	Bag with 1000 microtubes	Bag with 500 microtubes	Bag with 1000 microtubes	Bag with 1000 microtubes	Bag with 500 microtubes	Bag 500 microtubes
Natural	**391233**	**045513**	**499002**	**840587**	**062911**	-
Yellow	-	-	-	**840592**	-	-
Red	-	-	-	**840590**	-	-
Green	-	-	-	**840589**	-	-
Blue	-	-	-	**840588**	-	-
Violet	-	-	-	**840591**	-	-
Orange	-	-	-	**045519**	-	-
Assorted	-	-	-	**840593**	**062912**	-
Amber	-	-	-	**045520**	-	-
Black	-	-	-	-	-	**141101**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Polypropylene microtubes with snap cap (continued)



Volume (ml)	0.6				
Material	Polypropylene				
Sterile	No	No	No	Yes	Yes
Cap Type	Snap; pierceable	Snap; pierceable	Snap Safelock	Snap Safelock	Snap Safelock
Autoclavable	Yes				
Max. centrifugal speed (g)	20000	20000	30000	30000	30000
Skirt	No				
Graduation	Yes				
Marking area	Yes	Yes	Yes on tube and cap	Yes on tube and cap	Yes on tube and cap
Colour	Translucent	Translucent	Translucent	Translucent	Translucent
Operating temperature	-40 °C to +121 °C				
Specifications	Free of DNases, RNases, human DNA, endotoxins	Very low adhesion material that guarantees maximum sample recovery; free of DNases, RNases, human DNA, endotoxins	Secure locking system, preventing accidental opening; free of DNases, RNases, DNA, endotoxins and ATP		
Units/box	Resealable bag of 1000 microtubes	Resealable bag of 500 microtubes	20 bags with 50 microtubes	10 bags with 100 microtubes	500 microtubes individually wrapped
Natural	**054814**	**054818**	**038488**	**038486**	**038487**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Volume (ml)	1.5							
Diameter (mm)	-	-	-	10.7	10.7	-	10.86	10.8
Height (mm)	-	-	-	41	41	-	39.96	39.9
Material	Polypropylene							
Sterile	No	Yes	Yes	No	Yes	No	No	No
Type of cap	snap Safelock	snap Safelock	snap Safelock	Snap; large	Snap	Snap; pierceable	Snap	Snap
Autoclavable	Yes							
Max. centrifugal speed (g)	24000	24000	24000	20000	20000	20000	11000	30000
Skirt	No							
Graduation	Yes							
Marking area	Yes on tube and cap	Yes on tube and cap	Yes on tube and cap	Yes	Yes	Yes	No	Yes
Colour	Translucent	Translucent	Translucent	Excellent transparency	Transparent	Translucent	Translucent	Excellent transparency
Operating temperature	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-40 °C to +121 °C	-	-70 °C to +121 °C
Specifications	Secure locking system, preventing accidental opening; free of DNases, RNases, DNA, endotoxins and ATP			Free of DNases, RNases, human DNA, endotoxins, ADN and PCR inhibitors	Free of DNases, RNases	Free of DNases, RNases, human DNA, endotoxins	-	Reinforced closure cap
Units/box	10 bags with 50 microtubes	10 bags with 50 microtubes	500 microtubes individually wrapped	10 bags with 500 microtubes	Reusable box of 250 microtubes	Bag with 500 microtubes	Bag with 1000 microtubes	Bag with 1000 microtubes
Natural	**038485**	**038483**	**038484**	**048048**	**045401B**	**054817**	**391232**	**499001**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Polypropylene microtubes with snap cap (continued)













Volume (ml)	1.5						
Diameter (mm)	-	10.7	10.7	10.7	10.86	-	-
Height (mm)	-	41	41	41	39.06	-	-
Material	Polypropylene						
Sterile	Yes	No	No	Yes	No	Yes	No
Cap Type	Snap; pierceable	Snap	Snap; large	Snap	Snap; pierceable	Snap; pierceable	Snap
Autoclavable	Yes						
Max. centrifugal speed (g)	28000	20000	20000	20000	15000	28000	15000
Skirt	No						
Graduation	Yes	Yes	Yes	Yes	No	Yes	Yes
Marking area	Yes	Yes	Yes	Yes	No	Yes	Yes
Colour	Excellent transparency	Excellent transparency	Excellent transparency	Excellent transparency	Translucent	Excellent transparency	Opaque
Operating temperature	-90 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-	-90 °C to +121 °C	-100 °C to +121 °C
Specifications	Cap with secure closure; free of DNases, RNases and endotoxins	Cap with reinforced closure; free of DNases, RNases, human DNA, endotoxins, DNA and PCR inhibitors	Free of DNases, RNases, human DNA, endotoxins, ADN and PCR inhibitors	Very low adhesion material for maximum sample recovery; free of pyrogens, RNase, DNase suitable for DNA or RNA protein work specific hydrophobic surface	-	Cap with secure closure; free of DNases, RNases and endotoxins	Cap with reinforced closure; for photosensitive samples
Units/box	10 bags with 50 microtubes	500 microtubes	500 microtubes	250 microtubes	1000 microtubes	500 microtubes	500 microtubes
Natural	**062931**	**048002**	**-**	**045514**	**391212**	**062901**	**-**
Yellow	**-**	**840601**	**840620**	**045553**	**391212J**	**062908**	**-**
Red	**-**	**840599**	**840618**	**045536**	**-**	**062903**	**-**
Green	**-**	**840598**	**840616**	**045552**	**391212 V**	**062904**	**-**
Blue	**-**	**840597**	**840615**	**045554**	**391212B**	**062902**	**-**
Pink	**-**	**-**	**-**	**-**	**391212R**	**-**	**-**
Violet	**-**	**840600**	**840619**	**-**	**-**	**062907**	**-**
Orange	**-**	**045537**	**840617**	**-**	**-**	**062905**	**-**
Assorted	**-**	**840602**	**048000**	**-**	**-**	**062909**	**-**
Fluo ssorted	**-**	**045424**	**-**	**-**	**-**	**-**	**-**
Amber	**-**	**045521**	**-**	**-**	**-**	**-**	**-**
Black	**-**	**-**	**-**	**-**	**-**	**062906**	**141100**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Polypropylene microtubes with snap cap (continued)

		
Volume (ml)	1.75	
Material	Polypropylene	Polypropylene
Sterile	No	No
Type of cap	Snap; pierceable	Snap; pierceable
Autoclavable	Yes	Yes
Max. centrifugal speed (g)	20000	20000
Skirt	No	No
Graduation	Yes	Yes
Marking area	Yes	Yes
Colour	Translucent	Transparent
Operating temperature	-40 °C to +121 °C	-40 °C to +121 °C
Specifications	Free of DNases, RNases, human DNA, endotoxins	Very low adhesion material that guarantees maximum sample recovery; free of DNases, RNases, human DNA, endotoxins
Units/box	Resealable bag of 500 microtubes	Resealable bag of 250 microtubes
Natural	**054815**	**054820B**
€/box	**N/A -**	**N/A -**

										
Volume (ml)	2									
Diameter (mm)	-	-	-	10.06	-	-	-	13	10.06	9.7
Height (mm)	-	-	-	41	-	-	-	40.9	41	43.1
Material	Polypropylene									
Sterile	Yes	No	No	No	No	Yes	Yes	No	No	No
Type of cap	Snap; pierceable	Snap; pierceable	Snap; pierceable	Snap	Snap Safelock	Snap Safelock	Snap Safelock	Snap	Snap	Snap
Autoclavable	Yes									
Max. centrifugal speed (g)	28000	20000	20000	20000	25000	25000	25000	18000	20000	16000
Skirt	No									Yes
Graduation	Yes									Yes
Marking area	Yes	Yes	Yes	Yes	Yes on tube and cap			Yes	Yes	Yes
Colour	Excellent transparency	Translucent	Transparent	Excellent transparency	Translucent			Excellent transparency	Excellent transparency	Translucent
Operating temperature	-90 °C to +121 °C	-40 °C to +121 °C	-40 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-70 °C to +121 °C	-80 °C to +121 °C	-80 °C to +120 °C
Specifications	Cap with secure closure; free of DNases, RNases and endotoxins	Free of DNases, RNases, human DNA, endotoxins	Very low adhesion material that guarantees maximum sample recovery; free of DNases, RNases, human DNA, endotoxins	Very low adhesion material for maximum sample recovery; free of pyrogens, RNases, DNases suitable for DNA or RNA protein work specific hydrophobic surface	Secure locking system, preventing accidental opening; free of DNases, RNases, DNA, endotoxins and ATP			Reinforced closure cap	Reinforced closure cap; free of DNases, RNases, human DNA, endotoxins DNA and PCR inhibitors	Free of DNase, RNase and endotoxins
Units/box	Bag with 500 microtubes	Resealable bag with 500 microtubes	Resealable bag with 250 microtubes	Resealable bag with 250 microtubes	10 bags with 50 microtubes		500 microtubes individually wrapped.	Bag with 1000 microtubes	Bag with 500 microtubes	Bag with 500 microtubes
Natural	**062910**	**054816**	**054821B**	**045515**	**038491**	**038489**	**038490**	**499003**	**840607**	**978252**
Yellow	-	-	-	-	-	-	-	-	**840613**	-
Red	-	-	-	-	-	-	-	-	**840611**	-
Green	-	-	-	-	-	-	-	-	**840609**	-
Blue	-	-	-	-	-	-	-	-	**840608**	-
Violet	-	-	-	-	-	-	-	-	**840612**	-
Orange	-	-	-	-	-	-	-	-	**840610**	-
Assorted	-	-	-	-	-	-	-	-	**048008**	-
Amber	-	-	-	-	-	-	-	-	**840614**	-
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Polypropylene Microtubes without caps







Volume (ml)	0.6	1.5		2	
Diameter (mm)	8	10.5	10.8	12.7	10.77
Height (mm)	-	39	39.9	43	39.32
Material	Polypropylene				
Sterile	No	No	No	No	No
Caps	No				
Autoclavable	Yes	Yes	Yes	Yes	-
Max. centrifugal speed (g)	17000	15000	17000	17000	20000
Skirt	No				
Graduation	Yes	No	Yes	Yes	Yes
Marking area	Yes	No	Yes	Yes	Yes
Colour	Translucent				
Operating temperature	-80 °C to +121 °C	-	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C
Specifications	Free of DNase, RNase and endotoxins	-	Free of DNase, RNase and endotoxins	Free of DNase, RNase and endotoxins	Free of DNases, RNases, human DNA, endotoxins, ADN and PCR inhibitors
Units/box	1000 microtubes	1000 microtubes	1000 microtubes	1000 microtubes	500 microtubes
Cat. No. single tube natural	**077232**	**391208**	**077233**	**077234**	**045516**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Cat. No. natural	-	-	**077235**		-
Units/box	-	-	1000 caps		-
€/box	-	-	**N/A -**		-

Polyethylene microtubes




Volume (ml)	0.25	0.5
Diameter (mm)	.	5.5
Height (mm)	.	47.5
Material	Polyethylene	
Sterile	No	
Cap Type	Snap	
Autoclavable	No	
Max. centrifugal speed (g)	-	11000
Skirt	No	
Graduation	No	
Marking area	No	
Colour	Translucent	
Specifications	-	Beckman type
Units/box	1000 microtubes	100 microtubes
Natural Cat. No.	**245495**	**391178**
€/box	**N/A -**	**N/A -**

Microtube Opener



Colour	Yellow	Orange	Green	Blue	Red
Cat. No.	**982884**	**982885**	**982886**	**982887**	**982888**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Straddles for microtubes



Locking knobs prevent accidental opening of any brand of microtubes. Autoclavable 6 colour combinations: red, orange, yellow, green, blue, purple. Not recommended under liquid nitrogen.

Cat. No.	For microtubes	Units/ box	€/ box
045427	1.5 ml	100	**N/A -**

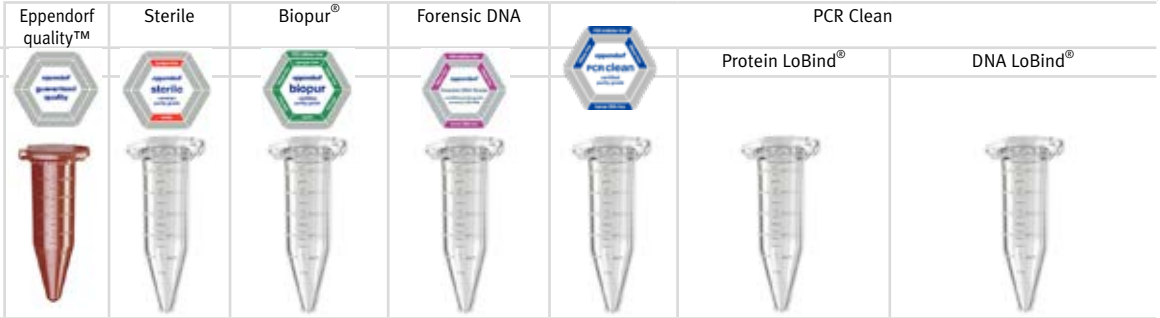
5 ML SNAP CAP TUBES CLEARLINE/ EPPENDORF

ClearLine® Clear-Lock Tubes 5 ml



Volume (ml)	5		
Diameter (mm)	16.6		
Height (mm)	56.5		
Material	Virgin polypropylene		
Sterile	No	No	Yes
Cap Type	Snap Clear-Lock; pierceable		
Autoclavable	Yes		
Max. centrifugal speed (g)	21000		
Graduation	Yes		
Marking area	Yes on tube and cap		
Operating temperature	-80 °C to +121 °C		
Specifications	Free of DNases, RNases, human DNA, endotoxins, ATP and PCR inhibitors; CE IVD marking; secure locking system to prevent accidental opening		
Units/box	Bag of 500 tubes	2 Boxes of 100 tubes	50 tubes individuallywrapped
Natural	**390932A**	**390930A**	**395022**
€/box	**N/A -**	**N/A -**	**N/A -**

Tubes 5 ml Eppendorf



	Eppendorf quality™	Sterile	Biopur®	Forensic DNA	PCR Clean	Protein LoBind®	DNA LoBind®
Volume (ml)	5						
Diameter (mm)	16.7						
Height (mm)	60						
Material	Polypropylene						
Sterile	No	Yes	Yes	No	No	No	No
Autoclavable	Yes						
Max. centrifugal speed (g)	25000						
Graduation	Yes (0.5 ml increments)						
Marking area	Yes						
Operating temperature	-86 °C to +80 °C						
Specifications	Secure closure; no release agents, plasticizers or biocides	Sterile quality: endotoxin-free; secure closure; no release agents, plasticizers or biocides	Biopur® quality: free of DNases, RNases, human and bacterial DNA, endotoxins, ATP and PCR inhibitors; secure closure; no release agents, plasticizers or biocides	Forensic DNA quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides	PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides	Protein LoBind® material, special polymer creating a hydrophilic surface that ensures maximum sample recovery; PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers and biocides	Combination of special manufacturing technologies and selected batches ensures virtually 100% recovery of DNA/RNA molecules; no surface coating to eliminate the risk of sample contamination; PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides
Units/box	2 bags with 100 tubes	10 bags of 20 tubes	50 individually wrapped tubes	4 bags of 50 tubes	2 bags of 100 tubes	2 bags of 50 tubes	4 bags of 50 tubes
Natural	**933006**	**933008**	**933009**	**933937**	**933007**	**933010**	**933011**
Amber	**999532**	**-**	**-**	**-**	**-**	**-**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Starter pack Tubes® 5 ml PCR clean

Cat. No.	Description	€
933012	Contains: - 400 tubes (2 packs of 200) - 2 white racks (12 positions) - 8 universal adapters for 15 ml conical tube rotors	**N/A -**

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Tubes 25 ml Eppendorf

eppendorf

	Eppendorf quality™	Sterile	PCR Clean
			
Volume (ml)	25		
Diameter (mm)	29.6		
Height (mm)	83		
Material	Polypropylene		
Sterile	No	Yes	No
Autoclavable	Yes		
Max. centrifugal speed (g)	17000		
Graduation	Yes; increments of 2.5 from 5 ml to 25 ml	Yes; increments of 2.5 from 5 ml to 25 ml	Yes; increments of 2.5 from 5 ml to 25 ml
Marking area	Yes	Yes	Yes
Operating temperature	-86 °C to +100 °C	-86 °C to +100 °C	-86 °C to +100 °C
Specifications	Secure closure; no release agents, plasticizers or biocides	Sterile quality: endotoxin-free; secure closure; no release agents, plasticizers or biocides	PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors secure closure; no release agents, plasticizers or biocides
Units/box	5 bags of 40 tubes	6 bags of 25 tubes	5 bags of 40 tubes
Natural	**934350**	**934352**	**934351**
€/box	**N/A -**	**N/A -**	**N/A -**

Starter pack 25 ml PCR Clean tubes

Pack content

- **200 tubes 25 ml**
- **4 Individual racks**
- **6 centrifuge adapters**

Cat. No.	Description	€
934353	Starter pack 25 ml snap cap tubes	**N/A -**

Accessories

Cat. No.	Description	Units/ box	€/ box
934360	Set of 4 adapters and a sampling tool for SmartBlock 50 ml	1	**N/A -**
934361	25 ml snap tube adapters for centrifugation	6	**N/A -**

Greiner Bio-One 5 ml Tubes

greiner BIO-ONE



Volume (ml)	5	
Diameter (mm)	16.6	
Height (mm)	56.6	
Material	Polypropylene	
Sterile	No	Yes
Autoclavable	Yes	
Max. centrifugal speed (g)	25000	
Graduation	Yes	
Marking area	Yes	
Colour	High clarity	
Operating temperature	-80 °C to +121 °C	
Specifications	Free of DNases, RNases, human DNA and endotoxins; low traces of heavy metals	
Units/box	10 bags of 100 tubes	5 bags of 200 tubes
Natural	**622201**	**622261**
€/box	**N/A -**	**N/A -**

Tubes 5 ml SuperClear™ Labcon

labcon





Volume (ml)	5	
Diameter (mm)	16.6	
Height (mm)	56.6	
Material	Polypropylene	
Sterile	No	
Cap Type	Snap; pierceable	
Autoclavable	Yes	
Max. centrifugal speed (g)	25000	
Graduation	Yes (0.5 ml increments)	
Marking area	Yes	
Operating temperature	-80 °C to +122 °C	
Specifications	Free of DNases, RNases, human DNA, endotoxins (<0.05 EU/ ml), ATP and PCR inhibitors; certified low metal content (<1 ppm)	
Units/box	10 bags of 250 tubes	10 bags of 200 tubes
Natural	**949874**	-
Assorted (yellow, red, green, blue)	-	**949876**
Amber	**949875**	-
€/box	**N/A -**	**N/A -**

TUBES 5 ML SNAP CAP SIMPORT®

Tubes 5 ml with ClickLock flat cap



Volume (ml)	5	
Diameter (mm)	15.8	
Height (mm)	60.2	
Material	Polypropylene	
Sterile	No	Yes
Type of cap	Snap; pierceable	
Autoclavable	Yes	
Max. centrifugal speed (g)	25000	
Graduation	Yes (0.5 ml increments)	
Marking area	Yes on tube and cap	
Operating temperature	-90 °C to +121 °C	-40 °C to +121 °C
Specifications	Free of DNases, RNases, human DNA, and endotoxins	
Units/box	2 bags of 100 tubes	10 bags of 20 tubes
Natural	**040923**	**040929**
Yellow	**040927**	**-**
Red	**040926**	**-**
Green	**040925**	**-**
Blue	**040924**	**-**
Amber	**040928**	**040930**
€/box	**N/A -**	**N/A -**

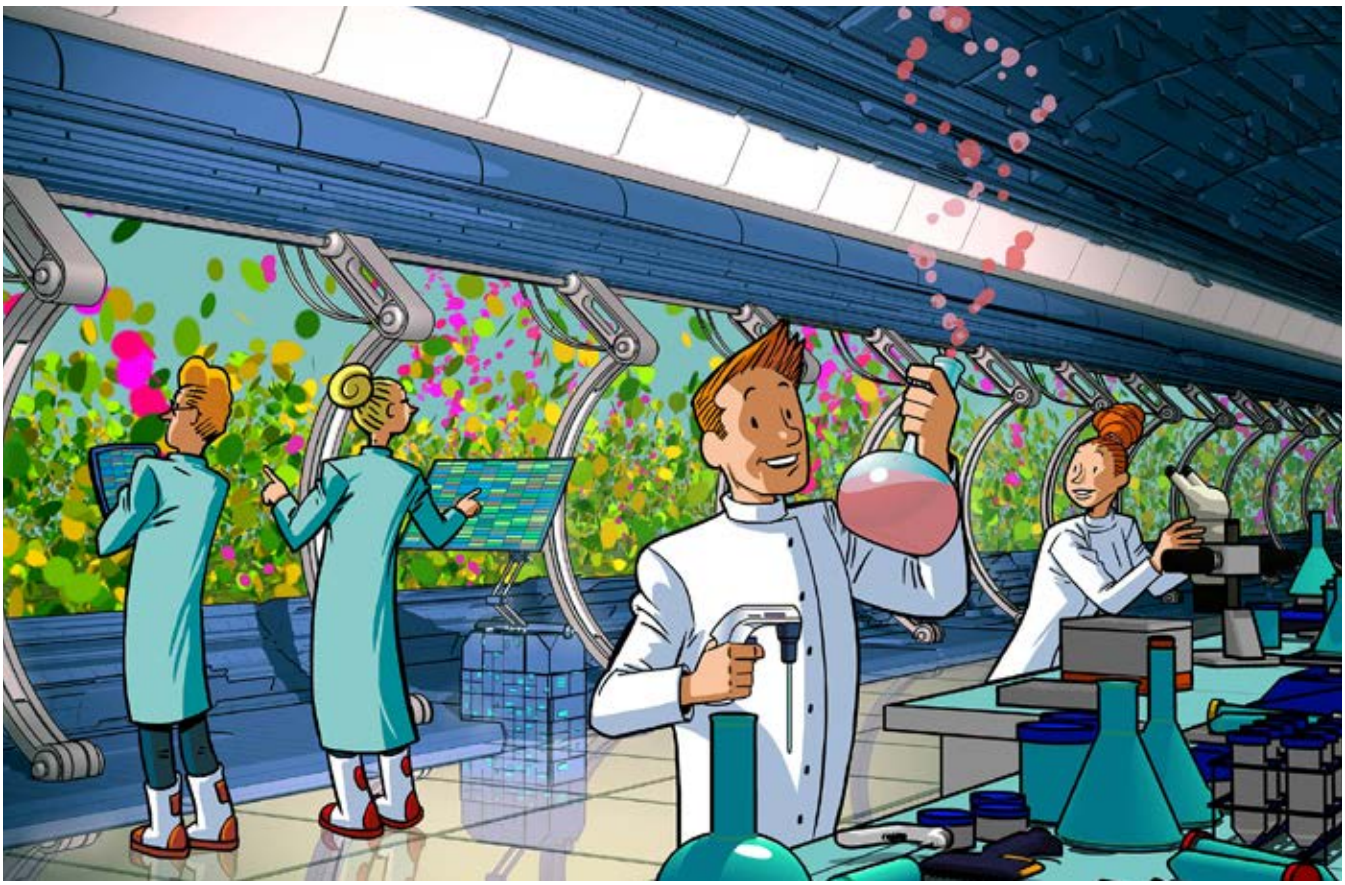
Tubes 5 ml ClickLock cap for insert



Volume (ml)	5	
Diameter (mm)	15.8	
Height (mm)	60.2	
Material	Polypropylene	
Sterile	No	Yes
Type of cap	Snap; pierceable	
Autoclavable	Yes	
Max. centrifugal speed (g)	25000	
Graduation	Yes (0.5 ml increments)	
Marking area	Yes on tube and cap	
Operating temperature	-90 °C to +121 °C	-40 °C to +121 °C
Specifications	Free of DNases, RNases, human DNA, and endotoxins	
Units/box	2 bags of 100 tubes	10 bags of 20 tubes
Natural	**040931**	**040937**
Yellow	**040935**	**-**
Red	**040934**	**-**
Green	**040933**	**-**
Blue	**040932**	**-**
Amber	**040936**	**040938**
€/box	**N/A -**	**N/A -**

Inserts

Blue	Green	Lilac	Red	Yellow	Units/ bag	Units/ box	€/ box	2D	Units/ bag	Units/ box	€/ box
040958	**040959**	**040960**	**040961**	**040962**	100	500	**N/A -**	**040957**	100	500	**N/A -**



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TUBES 5 ML WITH SNAP CAP/ ACCESORIES

Tubes 5 ml with snap cap



Volume (ml)	5							
Out diameter (mm)	18	-	-	14.7	14.7	16.5	16.5	16.5
Height with cap (mm)	60	-	-	60.3	60.3	56	56	56
Material	Polypropylene							
Sterile	No	No	No	Yes	Yes	No	No	Yes
Caps	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Type of cap	-	Snap	Snap	Snap	Snap	Snap; pierceable	Snap; pierceable	Snap; pierceable
Autoclavable	Yes							
Max centrifugal speed (g)	5000	5000	25000	14000	14000	25000	25000	25000
Skirt	Yes	Yes	No	No	No	No	No	No
Graduation	Yes; Increment 1 ml	Yes; Increment 1 ml	Yes	Yes	Yes	Yes	Yes	Yes
Marking area	Yes on tube and cap	Yes on tube and cap	Yes on tube and cap	Yes on tube and cap	Yes on tube and cap	Yes	Yes	Yes
Colour	-	-	-	-	-	high clarity	high clarity	high clarity
Operating temperature	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-90 °C to 130 °C	-90 °C to 130 °C	-86 °C to +80 °C	-86 °C to +80 °C	-86 °C to +80 °C
Specifications	-	-	Free of DNase, RNase and endotoxin	Free of DNases and RNases	Free of DNases and RNases	Free of DNases and RNases	Free of DNases and RNases	Free of DNase, RNase and endotoxin
Units/box	Bag of 250 tubes	Bag of 250 tubes	Bag of 200 tubes	10 bags of 20 tubes	Bag of 25 tubes	2 bags of 100 tubes	4 bags of 50 tubes	10 bags of 20 tubes
Natural	**442069**	**442070**	**442071B**	**141102B**	-	**062616**	-	**062617**
Yellow	-	-	**442076B**	-	-	**062621**	-	-
Red	-	-	**442075B**	-	-	**062618**	-	-
Green	-	-	**442074B**	-	-	**062620**	-	-
Blue	-	-	**442073B**	-	**141103**	**062619**	-	-
Assorted (yellow, red, green and blue)	-	-	-	-	-	-	**062623**	-
Amber	-	-	-	-	-	-	-	-
Black	-	-	**442077B**	-	-	**062622**	-	-
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Eppendorf tube clip



➤**Tube clip for 5 ml Eppendorf tubes, ensuring closure of lids at over 80 °C**

Cat. No.	Description	Units/ box	€/ box
933015	Tube clip for 5 ml Eppendorf tube	10	**N/A -**

Accessories for 5 ml tubes

062625





062626

Cat. No.	Description	Units/ box	€/ box
062625	Caplock clip with tab	20	**N/A -**
062626	15 ml slot adapter for 5 ml tube	4	**N/A -**

ClearLine® screw cap microtubes without seal

Standard









Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20	10.20	10.20	10.20	10.20	10.20
Inner diameter (mm)	8.5	8.5	8.5	8.5	8.5	8.5
Height (mm)	46.2	46.2	46.5	47.5	47	47.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperature	-85 °C to +121 °C					
Specifications	USP Class VI compliant; DNase, RNase and endotoxin free; CE IVD mark					
Units/box	2 bags with 500 microtubes					
Cat. No. natural	**390627CL**	**390634CL**	**390646CL**	**390632CL**	**390640CL**	**390652CL**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

For insert









Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	48.8	48.2	48.4	49.2	49	49.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperature	-85 °C to +121 °C					
Specifications	USP Class VI compliant; DNase, RNase and endotoxin free; CE IVD mark					
Units/box	2 bags with 500 microtubes					
Cat. No. natural	**390629CL**	**390636CL**	**390648CL**	**390829CL**	**390642CL**	**390654CL**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

For insert with clip









Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	48.8	48.2	48.4	49.2	49	49.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperature	-85 °C to +121 °C					
Specifications	USP Class VI compliant; DNase, RNase and endotoxin free; CE IVD mark					
Units/box	2 bags with 500 microtubes					
Cat. No. natural	**390631CL**	**390638CL**	**390650CL**	**390830CL**	**390644CL**	**390656CL**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All ClearLine® microtubes are available with coloured screw caps

All prices are indicative and exclude VAT. Visit www.dulis.nl

ClearLine® screw cap microtubes without seal

Standard





Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	46.2	46.2	46.2	47.5	47	47.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperature	-85 °C to +121 °C					
Specifications	USP Class VI compliant; DNase, RNase and endotoxin free; CE IVD mark					
Units/box	2 bags with 500 microtubes					
Cat. No. natural	**390418CL**	**390420CL**	**390422CL**	**390419CL**	**390421CL**	**390423CL**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

For insert



Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	48.8	48.2	48.4	49.2	49	49.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperature	-85 °C to +121 °C					
Specifications	USP Class VI compliant; DNase, RNase and endotoxin free; CE IVD mark					
Units/box	2 bags with 500 microtubes					
Cat. No. natural	**390424CL**	**390426CL**	**390428CL**	**390425CL**	**390427CL**	**390429CL**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

For insert with clip





Volume (ml)	0.5	1.5	2	0.5	1.5	2
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	48.8	48.2	48.4	49.2	49	49.8
Material	Virgin polypropylene; medical grade					
Sterile	Yes					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	Yes	Yes	No	Yes	Yes
Marking area	No	Yes	Yes	No	Yes	Yes
Operating temperature	-85 °C to +121 °C					
Specifications	USP Class VI compliant; DNase, RNase and endotoxin free; CE IVD mark					
Units/box	2 bags with 500 microtubes					
Cat. No. natural	**390430CL**	**390432CL**	**390434CL**	**390431CL**	**390433CL**	**390435CL**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All ClearLine® microtubes are available with coloured screw caps

Microtubes without caps



Volume (ml)	0.5		1.5		2	
Out diameter (mm)	10.20					
Inner diameter (mm)	8.5					
Height (mm)	45.2	46.1	45.2	46.1	45.4	46.8
Material	Virgin polypropylene; medical grade					
Sterile	No					
Caps	No					
Autoclavable	Yes					
Max centrifugal speed (g)	25000					
Skirt	No	Yes	No	Yes	No	Yes
Graduation	Yes	Yes	No	No	Yes	Yes
Marking area	Yes	Yes	No	No	Yes	Yes
Operating temperature	-85 °C to +121 °C					
Specifications	USP Class VI compliant; DNase, RNase and endotoxin free; CE IVD mark					
Units/box	1000 microtubes					
Cat. No. natural	**390436CL**	**390437CL**	**390438CL**	**390439CL**	**390440CL**	**390441CL**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Caps



	Without seal				With seal
	Standard		For insert	For insert with clip	Standard
Material	Virgin Polyethylene; medical grade				
Specifications	Free of DNase, RNase and endotoxin; CE IVD marking				
Units/box	1000 caps	500 caps	1000 caps	1000 caps	1000 caps
Natural	**390442CL**	-	**390443CL**	**390444CL**	**390445CL**
White	-	**390748CL**	-	-	-
Yellow	-	**390749CL**	-	-	-
Red	-	**390751CL**	-	-	-
Green	-	**390752CL**	-	-	-
Blue	-	**390747CL**	-	-	-
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Cap-Disks

- **To diversify and organise your microtubes as you wish**
- **Coloured inserts to be placed in the dedicated ClearLine® screw caps**

Colour	Sky Blue	White	Yellow	Pink	Red	Green	Combined*
Cat. No.	**390448**	**390449**	**390450**	**390451**	**390452**	**390453**	**390454**
€/ 1000 units	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* All colours except white



All prices are indicative and exclude VAT. Visit www.dulis.nl

SCREW CAP MICROTUBES

Greiner Bio-One screw cap microtubes



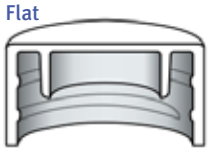
Volume (ml)	1.5			2		
Out diameter (mm)	11.3					
Height (mm)	45.2	45.8	45.8	46.8	46.8	46.8
Material	Virgin polypropylene; medical grade					
Sterile	No	No	Yes	No	Yes	Yes
Caps	No	No	Yes	No	No	Yes
Autoclavable	Yes					
Max centrifugal speed (g)	20000	20000	20000	22000	22000	22000
Skirt	No	Yes	Yes	Yes	Yes	Yes
Graduation	Yes	Yes	Yes	Yes	No	Yes
Marking area	Yes					
Operating temperature	-80 °C to +121 °C					
Specifications	Free of DNases, RNases, DNA and endotoxins; Low trace of heavy metals					
Units/box	500 microtubes					
Cat. No. microtube only	**716201**	**717201**	-	**722201**	**722251**	-
Cat. No. White cap	-	-	**717261**	-	-	-
Cat. No. natural	-	-	-	-	-	**073057**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Greiner Bio-One Caps with seal for screw cap microtubes

Material	Polypropylene
Specifications	Free of DNases, RNases, and DNA; Low trace of heavy metals
Units/box	500 caps
Natural	**366380**
Yellow	**366386**
Red	**366383**
Green	**366385**
Blue	**366384**
€/box	**N/A -**

Micrewtube® seal lip screw cap Simport®

Flat





	Flat								
Volume (ml)	0.5			1.5					
Diameter (mm)	11								
Height (mm)	44								
Material	Polypropylene								
Sterile	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Cap	Yes screw with sealing lip								
Autoclavable	Yes without cap								
Max centrifugal speed (g)	17000	17000	17000	20000	20000	20000	17000	17000	17000
Skirt	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes	No	No	Yes
Marking area	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Operating temperature	-196 °C to +121 °C								
Specifications	Contamination-free, leak-proof sealing lip cap; free of release agents, plasticizers and biocides; free of DNases, RNases, DNA, endotoxins; tested at 95 kPa								
Units/box	1000 microtubes	500 microtubes	500 microtubes	1000 microtubes	500 microtubes	500 microtubes	1000 microtubes	500 microtubes	500 microtubes
Cat. No. natural	**039161**	**039343**	**039166**	**039162**	**039349**	**039167**	**039163**	**039346**	**039168**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Micrewtube® seal lip screw cap Simport® (continued)

	Flat						For insert		
Flat  For insert 									
Volume (ml)	2						0.5		
Diameter (mm)	11								
Height (mm)	44								
Material	Polypropylene								
Sterile	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Caps	Yes screw with sealing lip								
Autoclavable	Yes without cap								
Max centrifugal speed (g)	20000	20000	20000	17000	17000	17000	17000	17000	17000
Skirt	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes	No	No	Yes
Marking area	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
Operating temperature	-196 °C to +121 °C								
Specifications	Contamination-free, leak-proof sealing lip cap; free of release agents, plasticizers and biocides; free of DNases, RNases, DNA, endotoxins; tested at 95 kPa								
Units/box	1000 Microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes
Cat. No. natural	**039164**	**039355**	**039169**	**039165**	**039352**	**039170**	**039327**	**039328**	**039329**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

	For insert											
For insert 												
Volume (ml)	1.5						2					
Diameter (mm)	11											
Height (mm)	44											
Material	Polypropylene											
Sterile	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Caps	Yes screw with sealing lip											
Autoclavable	Yes without cap											
Max centrifugal speed (g)	20000	20000	20000	17000	17000	17000	20000	20000	20000	17000	17000	17000
Skirt	No	No	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes	No	No	Yes	No	No	Yes
Marking area	No	No	Yes	No	No	Yes	No	No	Yes	No	No	Yes
Operating temperature	-196 °C to +121 °C											
Specifications	Contamination-free, leak-proof sealing lip cap; free of release agents, plasticizers and biocides; free of DNases, RNases, DNA, endotoxins; tested at 95 kPa											
Units/box	1000 microtubes	500 microtubes		1000 microtubes	500 microtubes		1000 microtubes	500 microtubes		1000 microtubes	500 microtubes	
Cat. No. natural	**039333**	**039334**	**039335**	**039330**	**039331**	**039332**	**039339**	**039340**	**039341**	**039336**	**039337**	**039338**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Micrewtube® seal lip screw cap Simport® (continued)

	For insert with clip								
For insert with clip 									
Volume (ml)	0.5			1.5					
Diameter (mm)	11								
Height (mm)	44								
Material	Polypropylene								
Sterile	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Caps	Yes screw with sealing lip								
Autoclavable	Yes without cap								
Max centrifugal speed (g)	17000	17000	17000	20000	20000	20000	17000	17000	17000
Skirt	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes	No	No	Yes
Marking area	No	No	Yes	No	No	Yes	No	No	Yes
Operating temperature	-196 °C to +121 °C								
Specifications	Contamination-free, leak-proof sealing lip cap; free of release agents, plasticizers and biocides; free of DNases, RNases, DNA, endotoxins; tested at 95 kPa								
Units/box	1000 Microtubes	500 Microtubes	500 Microtubes	1000 microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes
Cat. No. natural	**039313**	**039314**	**039315**	**039319**	**039320**	**039321**	**039316**	**039317**	**039318**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

	For insert with clip					
For insert with clip 						
Volume (ml)	2					
Diameter (mm)	11					
Height (mm)	44					
Material	Polypropylene					
Sterile	No	Yes	Yes	No	Yes	Yes
Caps	Yes screw with sealing lip					
Autoclavable	Yes without cap					
Max centrifugal speed (g)	20000	20000	20000	17000	17000	17000
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes
Marking area	No	No	Yes	No	No	Yes
Operating temperature	-196 °C to +121 °C					
Specifications	Contamination-free, leak-proof sealing lip cap; free of release agents, plasticizers and biocides; free of DNases, RNases, DNA, endotoxins; tested at 95 kPa					
Units/box	1000 microtubes	500 microtubes	500 microtubes	1000 microtubes	500 microtubes	500 microtubes
Cat. No. natural	**039324**	**039325**	**039326**	**039322**	**039342**	**039323**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Micrewtube® With seal screw cap Simport®

	Flat								
Flat									
Volume (ml)	0.5			1.5					
Diameter (mm)	11								
Height (mm)	44								
Material	Polypropylene								
Sterile	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Caps	Yes screw with sealing lip								
Autoclavable	Yes								
Max centrifugal speed (g)	17000	17000	17000	20000	20000	20000	17000	17000	17000
Skirt	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes	No	No	Yes
Marking area	Yes								
Operating temperature	-196 °C to +121 °C								
Specifications	Cap with seal for a perfect seal; no release agents, plasticizers or biocides; Free of DNase, Rnase, DNA and endotoxins; Tested at 95 KPa								
Units/box	1000 Microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes
Cat. No. natural	**039151**	**039156**	**039270**	**039152**	**039157**	**039309**	**039153**	**039158**	**039308**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

	Flat					
Flat						
Volume (ml)	2					
Diameter (mm)	11					
Height (mm)	44					
Material	Polypropylene					
Sterile	No	Yes	Yes	No	Yes	Yes
Caps	Yes screw with sealing lip					
Autoclavable	Yes	Yes	Yes	Yes	Yes	Yes
Max centrifugal speed (g)	20000	20000	20000	17000	17000	17000
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes
Marking area	Yes					
Operating temperature	-196 °C to +121 °C					
Specifications	Cap with seal for a perfect seal; no release agents, plasticizers or biocides; Free of DNase, Rnase, DNA and endotoxins; Tested at 95 KPa					
Units/box	1000 microtubes	500 microtubes	500 microtubes	1000 microtubes	500 microtubes	500 microtubes
Cat. No. natural	**039154**	**039159**	**039312**	**039155**	**039160**	**039311**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Micrewtube® With seal screw cap Simport®

	For insert								
For insert									
Volume (ml)	0.5			1.5					
Diameter (mm)	11								
Height (mm)	44								
Material	Polypropylene								
Sterile	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Caps	Yes screw with sealing lip								
Autoclavable	Yes								
Max centrifugal speed (g)	17000	17000	17000	20000	20000	20000	17000	17000	17000
Skirt	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes	No	No	Yes
Marking area	-	-	Yes	-	-	Yes	-	-	Yes
Operating temperature	-196 °C to +121 °C								
Specifications	Cap with seal for a perfect seal; no release agents, plasticizers or biocides; Free of DNase, Rnase, DNA and endotoxins; Tested at 95 KPa								
Units/box	1000 Microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes
Cat. No. natural	**039296**	**039297**	**039298**	**039301**	**039302**	**039272**	**039299**	**039300**	**039271**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

	For insert					
For insert						
Volume (ml)	2					
Diameter (mm)	11					
Height (mm)	44					
Material	Polypropylene					
Sterile	No	Yes	Yes	No	Yes	Yes
Caps	Yes screw with sealing lip					
Autoclavable	Yes					
Max centrifugal speed (g)	20000	20000	20000	17000	17000	17000
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes
Marking area	-	-	Yes	-	-	Yes
Operating temperature	-196 °C to +121 °C					
Specifications	Cap with seal for a perfect seal; no release agents, plasticizers or biocides; Free of DNase, Rnase, DNA and endotoxins; Tested at 95 KPa					
Units/box	1000 microtubes	500 microtubes	500 microtubes	1000 microtubes	500 microtubes	500 microtubes
Cat. No. natural	**039305**	**039306**	**039274**	**039303**	**039304**	**039273**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Micrewtube® With seal screw cap Simport®

	For insert with clip								
For insert with clip 									
Volume (ml)	0.5			1.5					
Diameter (mm)	11								
Height (mm)	44								
Material	Polypropylene								
Sterile	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Caps	Yes screw with sealing lip								
Autoclavable	Yes								
Max centrifugal speed (g)	17000	17000	17000	20000	20000	20000	17000	17000	17000
Skirt	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes	No	No	Yes
Marking area	-	-	Yes	-	-	Yes	-	-	Yes
Operating temperature	-196 °C to +121 °C								
Specifications	Cap with seal for a perfect seal; no release agents, plasticizers or biocides; Free of DNase, Rnase, DNA and endotoxins; Tested at 95 KPa								
Units/box	1000 Microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes
Cat. No. natural	**039258**	**039282**	**039283**	**039260**	**039288**	**039289**	**039259**	**039285**	**039286**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

	For insert with clip					
For insert with clip 						
Volume (ml)	2					
Diameter (mm)	11					
Height (mm)	44					
Material	Polypropylene					
Sterile	No	Yes	Yes	No	Yes	Yes
Caps	Yes screw with sealing lip					
Autoclavable	Yes					
Max centrifugal speed (g)	20000	20000	20000	17000	17000	17000
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes
Marking area	-	-	Yes	-	-	Yes
Operating temperature	-196 °C to +121 °C					
Specifications	Cap with seal for a perfect seal; no release agents, plasticizers or biocides; Free of DNase, Rnase, DNA and endotoxins; Tested at 95 KPa					
Units/box	1000 microtubes	500 microtubes	500 microtubes	1000 microtubes	500 microtubes	500 microtubes
Cat. No. natural	**039257**	**039294**	**039295**	**039256**	**039291**	**039292**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Micrewtube® with tamper-proof screw cap and seal Simport®





	Tamper-proof								
Volume (ml)	0.5			1.5					
Diameter (mm)	11								
Height (mm)	44								
Material	Polypropylene								
Sterile	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Caps	Yes With screw and seal								
Autoclavable	Yes								
Max centrifugal speed (g)	17000	17000	17000	20000	20000	20000	17000	17000	17000
Skirt	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes	No	No	Yes
Marking area	No	No	Yes	No	No	Yes	No	No	Yes
Operating temperature	-196 °C to +121 °C								
Specifications	Tamperproof closure; free of release agents, plasticizers and biocides; free of DNases, DNA RNases and endotoxins								
Units/box	1000 Microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes	1000 Microtubes	500 Microtubes	500 Microtubes
Cat. No. natural	**040214**	**040213**	**040212**	**040220**	**040219**	**040218**	**040217**	**040216**	**040215**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**





	Tamper-proof					
Volume (ml)	2					
Diameter (mm)	11					
Height (mm)	44					
Material	Polypropylene					
Sterile	No	Yes	Yes	No	Yes	Yes
Caps	Yes With screw and seal					
Autoclavable	Yes					
Max centrifugal speed (g)	20000	20000	20000	17000	17000	17000
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	No	Yes	No	No	Yes
Marking area	No	No	Yes	No	No	Yes
Operating temperature	-196 °C to +121 °C					
Specifications	Tamper-evident closure; free of release agents, plasticizers and biocides; free of DNases, DNA RNases and endotoxins					
Units/box	1000 microtubes	500 microtubes	500 microtubes	1000 microtubes	500 microtubes	500 microtubes
Cat. No. natural	**040226**	**040225**	**040224**	**040223**	**040222**	**040221**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Micrewtube® without cap Simport®

	Non-graduated									
	Standard					For insert				
										
Volume (ml)	0.5	1.5		2		0.5	1.5		2	
Diameter (mm)	11									
Height (mm)	44									
Material	Polypropylene									
Sterile	No									
Autoclavable	Yes									
Max centrifugal speed (g)	17000	17000	20000	17000	20000	17000	17000	20000	17000	20000
Skirt	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	No
Graduation	No									
Marking area	No									
Operating temperature	-196 °C to +121 °C									
Specifications	Free of release agents, plasticizers and biocides; free of DNases, DNA RNases and pyrogens					Very low adhesion material for maximum sample recovery; free of release agents, plasticizers and biocides; free of DNases, DNA RNases and pyrogens				
Units/box	1000 microtubes									
Ref. microtube only	**039171**	**039173**	**039172**	**039175**	**039174**	**039181**	**039183**	**039182**	**039185**	**039184**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

	Graduated, low adhesion					Amber				
										
Volume (ml)	0.5	1.5		2		0.5	1.5		2	
Diameter (mm)	11									
Height (mm)	44									
Material	Polypropylene									
Sterile	No									
Autoclavable	Yes									
Max centrifugal speed (g)	17000	17000	20000	17000	20000	17000	17000	20000	17000	20000
Skirt	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes	No
Graduation	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
Marking area	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
Operating temperature	-196 °C to +121 °C									
Specifications	Free of release agents, plasticizers and biocides; free of DNases, DNA RNases and pyrogens.					Free of release agents, plasticizers and biocides; Free of DNases, DNA RNases and pyrogens; For light-sensitive samples.				
Units/box	1000 microtubes									
Ref. microtube only	**039176**	**039178**	**039177**	**039180**	**039179**	-	-	-	-	-
Cat. No. single amber microtube	-	-	-	-	-	**039186**	**039188**	**039187**	**039190**	**039189**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Single caps for microtubes Simport®

	Sealing lip cap			Cap with seal			Cap with Septum
	Flat	For insert	For insert with clip	Flat	For insert	For insert with clip	
							
Autoclavable	No	No	No	Yes	Yes	Yes	Yes
Material	Polyethylene	Polyethylene	Polyethylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene; PTFE septum
Specifications	-	-	-	-	-	-	Drillable
Units/box	1000 caps	1000 caps	1000 caps	1000 caps	1000 caps	1000 caps	250 caps
Natural	**039205**	**039591**	**039212**	**039191**	**039592**	**039198**	-
White	**039211**	**039594**	**039218**	**039197**	**039440**	**039204**	-
Yellow	**039210**	**039595**	**039217**	**039196**	**039439**	**039203**	-
Red	**039209**	**039593**	**039216**	**039195**	**039438**	**039202**	-
Green	**039207**	**039588**	**039214**	**039193**	**039441**	**039200**	**040809**
Blue	**039206**	**039587**	**039213**	**039192**	**039437**	**039199**	-
Violet	**039208**	**039589**	**039215**	**039194**	**039590**	**039201**	-
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Color-code stickers for hollow caps

	Mixed	Blue	Green	Purple	Red	Yellow	White	Grey	Pink	Violet	Orange	€ 500 units
Cat. No.	**039365**	**039371**	**039372**	**039374**	**039377**	**039380**	**039379**	**039373**	**039376**	**039378**	**039375**	**N/A -**

Uncapped microtubes for tamper-proof screw caps



Volume (ml)	0.5	1.5		2		0.5	1.5		2	
Diameter (mm)	11									
Height (mm)	44									
Material	Polypropylene									
Sterile	No									
Autoclavable	Yes									
Max centrifugal speed (g)	17000	17000	20000	17000	20000	17000	17000	20000	17000	20000
Skirt	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Graduation	No	No	No	Yes	No	No	Yes	Yes	Yes	Yes
Marking area	No	No	No	Yes	No	No	Yes	Yes	Yes	Yes
Operating temperature	-196 °C to +121 °C									
Specifications	Free of release agents, plasticizers and biocides; free of DNases, RNases, DNA and pyrogens; tested at 95 kPa									
Units/box	1000 microtubes									
Ref. microtube only	**040228**	**040230**	**040232**	**040233**	**040236**	**040234**	**040231**	**040227**	**040235**	**040229**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Cap only with tamper-proof ring



Material	Polypropylene; silicone seal
Specifications	Free of DNase, RNase and ADN
Units/box	1000 caps
Natural	**040260**
€/box	**N/A -**

Micrewtube® without cap for SnapTwist™ cap



Volume (ml)	1.5		1.8	
Material	Polypropylene			
Max centrifugal speed (g)	17000	20000	17000	20000
Skirt	Yes	No	Yes	No
Graduation	No			
Marking area	No			
Colour	Transparent			
Operating temperature	-90 °C to +100 °C			
Specifications	Simply clip on the cap and unscrew 1/4 turn to remove; free of DNases, RNases, DNA and pyrogens.			
Units/box	1000 microtubes			
Ref. microtube only	**040742**	**040743**	**040744**	**040745**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Micrewtube® SnapTwist™ Cap



	For insert	For insert with clip
Autoclavable	No	
Material	Polyethylene	
Specifications	Tamper-proof screw cap Free of DNases, RNases, DNA, pyrogens	
Units/box	1000 caps	
Natural	**040746**	**040753**
White	**040752**	**040759**
Yellow	**040751**	**040758**
Red	**040750**	**040757**
Green	**040748**	**040755**
Blue	**040747**	**040754**
Violet	**040749**	**040756**
€/box	**N/A -**	**N/A -**

Simport® uncapped sample tubes



Volume (ml)	1.2		2				3		4				5			
Out diameter (mm)	12.5															
Height (mm)	43	43	48	48	49	49	72	72	75	75	76	76	92	92	93	93
Material	Polypropylene															
Sterile	No															
Bottom	Conical	Conical	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded
Caps	No															
Autoclavable	Yes															
Max centrifugal speed (g)	-	-	17000	17000	-	-	-	-	17000	17000	-	-	17000	17000	-	-
Skirt	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	No	No	Yes	Yes
Graduation	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Marking area	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Operating temperature	-196 °C to +121 °C															
Specifications	Tested at 95 KPa															
Units/box	1000 tubes															
Ref. microtube only	**040844**	**039710**	**040845**	**039711**	**040846**	**039712**	**040847**	**039713**	**040848**	**039714**	**040849**	**039715**	**040850**	**039716**	**040851**	**039717**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Caps for sample tubes Simport®

Autoclavable	Yes	Yes
Material	Polypropylene	Polypropylene; PTFE and silicone septum
Specifications	Tested at 95 KPa	Drillable
Units/box	1000 caps	250 caps
Natural	**039871**	-
White	**039874**	-
Yellow	**039875**	-
Red	**039873**	-
Green	**039869**	**040843**
Blue	**039868**	-
Violet	**039870**	-
Orange	**039872**	-
€/box	**N/A -**	**N/A -**





040843

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Nalgene™ Microtubes



Volume (ml)	0.5		1.5	2		4.5
Out diameter (mm)	13	13	13	13	13	12
Height (mm)	49	49	47	49	49	77
Material	Polypropylene copolymer					
Sterile	Yes	No	Yes	Yes	No	Yes
Caps	No					
Autoclavable	Yes					
Max centrifugal speed (g)	13000					
Skirt	Yes	Yes	No	Yes	Yes	Yes
Graduation	No					
Marking area	No					
Specifications	USP Class VI compliant; free of DNases, RNases and endotoxins; low traces of heavy metals; non-cytotoxic; FDA compliant	USP Class VI compliant; endotoxin free; low traces of heavy metals; non-cytotoxic; FDA compliant	USP Class VI compliant; DNase, RNase and endotoxin free; Low traces of heavy metals; Non-cytotoxic; FDA compliant		USP Class VI compliant; endotoxin free; low traces of heavy metals; non-cytotoxic; FDA compliant	USP Class VI compliant; free of DNases, RNases and endotoxins; low traces of heavy metals; non-cytotoxic; FDA compliant
Units/ bag	1000 microtubes					
Cat. No. microtube only	**029559**	**029563**	**029560**	**029561**	**029565**	**029562**
Cat. No. amber microtube only	**029567**	**029569**	**-**	**029568**	**029570**	**-**
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Flat caps



Material	Polypropylene copolymer	
Sterile	Yes	No
Specifications	Free of DNases, RNases and endotoxins; low traces of heavy metals; non-cytotoxic	
Units/box	2 bags with 500 Plugs	
Natural	**029593**	**029601**
White	**029594**	**029602**
Yellow	**029595**	**029603**
Red	**029625**	**029605**
Green	**029596**	**029604**
Blue	**029597**	**029606**
Pink	**-**	**029609**
Violet	**029598**	**029607**
Amber	**029599**	**029608**
€/box	**N/A -**	**N/A -**

Caps for inserts



Material	Polypropylene copolymer	
Sterile	Yes	No
Specifications	Free of DNases, RNases and endotoxins; low traces of heavy metals; non-cytotoxic	
Units/box	2 bags with 500 Plugs	
Without insert	**029571**	**029582**
€/box	**N/A -**	**N/A -**
Natural insert	**029580**	**029591**
White insert	**029572**	**029583**
Yellow insert	**029573**	**029584**
Red insert	**029576**	**029587**
Green insert	**029575**	**029586**
Blue insert	**029577**	**029588**
Purple insert	**029579**	**029590**
Orange insert	**029574**	**029585**
Gold insert	**029578**	**029589**
Blue green	**029581**	**029592**
€/box	**N/A -**	**N/A -**

Caps for 4.5 ml tubes Cat. No. 029562



Material	Polypropylene copolymer
Sterile	Yes
Specifications	Free of DNases, RNases and endotoxins; low traces of heavy metals; non-cytotoxic
Units/box	2 bags with 500 Plugs
Natural	**029643**
White	**029644**
Green	**029645**
€/box	**N/A -**

Screw cap microtubes with cap





Volume (ml)	0.5				0.75	
Diameter (mm)	11				-	-
Height (mm)	45.2				-	-
Material	Polypropylene				Polypropylene	
Sterile	No	Yes	No	Yes	No	Yes
Cap Type	Cap With screw and seal				Screw cap with seal; pierceable	
Autoclavable	Yes				Yes	
Max centrifugal speed (g)	-	-	-	-	17000	
Skirt	No	No	Yes	Yes	Yes	
Graduation	No	No	No	No	Yes	
Marking area	No	No	No	No	No	
Colour	Translucent				Translucent	
Operating temperature	-80 °C to +95 °C				-196 °C to +121 °C	
Specifications	-	-	-	-	-	Free of DNase, RNase and endotoxins
Units/box	Bag with 500 microtubes				Bag with 500 microtubes	10 bags with 50 microtubes
Cat. No. natural	**077073**	**077542**	**077533**	**077772**	**104430**	**104435**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

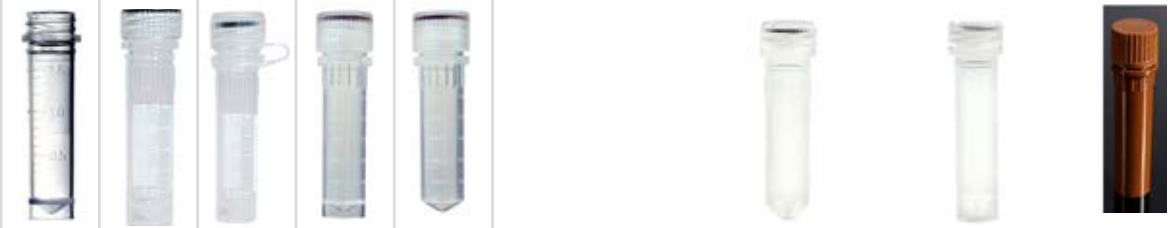





Volume (ml)					1.6			
Diameter (mm)	11	11	11	11	-	-	-	-
Height (mm)	45.2	45.2	45.2	45.2	-	-	-	-
Material					Polypropylene			
Sterile	No	Yes	No	Yes	No	Yes	No	Yes
Cap Type	Cap With screw and seal				Screw cap with seal; pierceable			
Autoclavable	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Max centrifugal speed (g)	-	-	-	-	17000	17000	17000	17000
Skirt	No	No	Yes	Yes	Yes	Yes	No	No
Graduation	No	No	No	No	Yes	Yes	Yes	Yes
Marking area	No	No	No	No	Yes	Yes	Yes	Yes
Colour	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent
Operating temperature	-80 °C to +121 °C				-196 °C to +121 °C			
Specifications	-	-	-	-	-	Free of DNase, RNase and endotoxins	-	Free of DNase, RNase and endotoxins
Units/box	500 microtubes	500 microtubes	500 microtubes	500 microtubes	Bag with 500 microtubes	10 bags with 50 microtubes	Bag with 500 microtubes	10 bags with 50 microtubes
Cat. No. natural	**077742**	**077744**	**077787**	**077752**	**104431**	**104436**	**104432**	**104437**
Cat. No. Green cap	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cat. No. Blue cap	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Screw cap microtubes with cap (continued)



Volume (ml)	2											
Diameter (mm)	10.4	10.5	10.5	-	13	-	-	11	11	11	11	9.6
Height (mm)	44.5	45.5	46.5	-	47	-	-	45.2	45.2	45.2	45.2	47.5
Material	Polypropylene											
Sterile	Yes	Yes	Yes	No	Yes	No	Yes	No	Yes	No	Yes	Yes
Cap Type	Cap With screw and seal		Screw cap with seal with clip	Screw cap with seal; pierceable				Screw cap with seal				Vacuum cap
Autoclavable	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Max centrifugal speed (g)	20000			17000				-	-	-	-	-
Skirt	Yes	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes
Graduation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
Marking area	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No
Colour	Excellent transparency			Translucent								Opaque
Operating temperature	-196 °C to +121 °C	-196 °C to +121 °C	-196 °C to +121 °C	-196 °C to +121 °C	-196 °C to +121 °C	-196 °C to +121 °C	-196 °C to +121 °C	-80 °C to +95 °C	-80 °C to +121 °C	-80 °C to +121 °C	-80 °C to +121 °C	-86 °C to +121 °C
Specifications	Free of DNases, RNases, DNA, PCR inhibitors and endotoxins	Free of DNase, RNase and endotoxin	Free of DNase, RNase and endotoxin	-	Free of DNase, RNase and endotoxins	-	Free of DNase, RNase and endotoxins	-	-	-	-	Free of DNases, RNases, human DNA and endotoxins
Units/box	Bag with 250 microtubes	20 bags with 50 microtubes		Bag with 500 microtubes	10 bags with 50 microtubes	Bag with 500 microtubes	10 bags with 50 microtubes	Bag with 500 microtubes	Bag with 500 microtubes	Bag with 500 microtubes	Bag with 500 microtubes	Bag with 500 microtubes
Cat. No. natural	**-**	**062966**	**062967**	**104433**	**104438**	**104434**	**104439**	**077788**	**077754**	**077789**	**038554**	**-**
Cat. No. White cap	**048042A**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Cat. No. Amber cap	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**010220**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Screw cap microtubes without cap



Volume (ml)	0.5		1.5		2			
Diameter (mm)	11	11	11	11	11	11	10.4	9.6
Height (mm)	45.2	45.2	45.2	45.2	45.2	45.2	43.4	47.5
Material	Polypropylene							
Sterile	No							
Autoclavable	-	-	-	-	-	-	Yes	Yes
Max centrifugal speed (g)	-	-	-	-	-	-	20000	23000
Skirt	No	Yes	No	Yes	No	Yes	No	Yes
Graduation	No	No	No	No	No	No	Yes	No
Marking area	Yes							
Colour	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Opaque
Operating temperature	-80 °C to +95 °C	-80 °C to +95 °C	-80 °C to +95 °C	-80 °C to +95 °C	-80 °C to +95 °C	-80 °C to +95 °C	-196 °C to +121 °C	-86 °C to +121 °C
Specifications	-	-	-	-	-	-	Free of DNases, RNases, DNA, PCR inhibitors and endotoxins	-
Units/box	Bag with 500 microtubes	Bag with 500 microtubes	Bag with 500 microtubes	Bag with 500 microtubes	Bag with 500 microtubes	Bag with 500 microtubes	Bag with 5000 microtubes	Bag with 500 microtubes
Cat. No. single tube natural	**077241**	**077785**	**077242**	**077786**	**077243**	**077536**	**048035**	**-**
Cat. No. amber tube only	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**010218**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

CAPS/ 5 ML SCREW CAP TUBES

Caps for screw cap microtubes

➤ **For Cat. No. 077241 to 077243 and 077785, 077786 and 077536**



Units/box	500 caps
Natural	077773
White	077908
Yellow	077779
Red	077778
Green	077776
Blue	077775
Pink	077906
Violet	077907
Orange	077777
Amber	992063
Black	077905
Assorted	077769
€/box	N/A -



Units/box	500 caps	
Compatibility	048035	010218
Natural	-	-
White	-	-
Yellow	048041	-
Red	048039	-
Green	048037	-
Blue	048036	-
Pink	-	010219
Violet	048040	-
Orange	048038	-
Amber	-	-
Black	-	-
Assorted	-	-
€/box	N/A -	N/A -

5 ml screw cap tubes

eppendorf

	Eppendorf quality™	Sterile	Forensic DNA	PCR Clean		
					Protein LoBind®	DNA LoBind®
Volume (ml)	5					
Diameter (mm)	15.5					
Height (mm)	66.1					
Material	Polypropylene					
Sterile	No	Yes	Yes	No	No	No	No
Autoclavable	No					
Max centrifugal speed (g)	25000					
Graduation	Yes; 0.5 ml increment					
Marking area	Yes					
Operating temperature	-86 °C to +100 °C					
Specifications	No release agents, plasticizers or biocides	Free of DNases, RNases, DNA, pyrogens; free of release agents, plasticizers and biocides; for light-sensitive samples	Sterile quality: free of DNases, RNases, DNA and pyrogens; no release agents, plasticizers or biocides	Forensic DNA quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides	PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors Secure closure; no release agents, plasticizers or biocides	Material protein LoBind®, a special polymer creating a hydrophilic surface that ensures maximum sample recovery; PCR Clean q uality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides	Combination of special manufacturing technologies and selected batches ensures virtually 100% recovery of DNA/RNA molecules; no surface coating to eliminate the risk of sample contamination; PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides
Units/box	2 bags of 100 tubes						
Cat. No. Grey cap	**999541**	**934560**	**999543**	**933936**	**999542**	**934302**	**934559**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Starter pack tubes® 5 ml PCR Clean

Cat. No.	Description	€
934561	Contains: - 400 tubes (2 packs of 200) - 2 racks (12 positions) - 8 universal adapters for 15 ml conical tube rotor	**N/A -**





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5 ML SCREW CAP TUBES

Greiner Bio-One 5 ml screw cap tubes



Volume (ml)	5	
Diameter (mm)	17.63	
Height (mm)	63.53	
Material	Polypropylene	
Sterile	No	Yes
Autoclavable	Yes	
Max centrifugal speed (g)	25000 g	
Graduation	Yes	
Marking area	Yes	
Operating temperature	-80 °C to +121 °C	
Specifications	Free of DNases, RNases, human DNA and pyrogens	
Units/box	5 bags of 100 tubes	10 bags of 50 tubes
Cat. No. blue cap	**725201**	**725261**
€/box	**N/A -**	**N/A -**

Simport® 5 ml Tubes, screw cap



Volume (ml)	5	
Diameter (mm)	16	
Height (mm)	62.5	
Material	Polypropylene	
Sterile	No	Yes
Caps	Without	Screw cap; With clip; pierceable
Autoclavable	Yes	
Max centrifugal speed (g)	25000	
Graduation	Yes	
Marking area	Yes on tube and cap	
Operating temperature	-196 °C to +121 °C	
Specifications	Free of DNases, RNases, human DNA, and pyrogens; free of release agents and biocides	
Units/box	2 bags of 100 tubes	10 bags of 20 tubes
Cat. No. single tube natural	**040939**	**040941**
Cat. No. amber tube only	**040940**	**040942**
€/box	**N/A -**	**N/A -**

Screw caps for 5ml tubes



Cap Type	Screw without tethered closure; drillable	Screw with tethered closure; drillable
Autoclavable	No	
Material	High density polyethylene	
Specifications	Without tethered closure	With tethered closure
Units/box	2 bags with 100 Plugs	
Natural	**040943**	**040950**
White	**040947**	**040954**
Yellow	**040948**	**040955**
Red	**040946**	**040953**
Green	**040945**	**040952**
Blue	**040944**	**040951**
Amber	**040949**	**040956**
€/box	**N/A -**	**N/A -**

Inserts

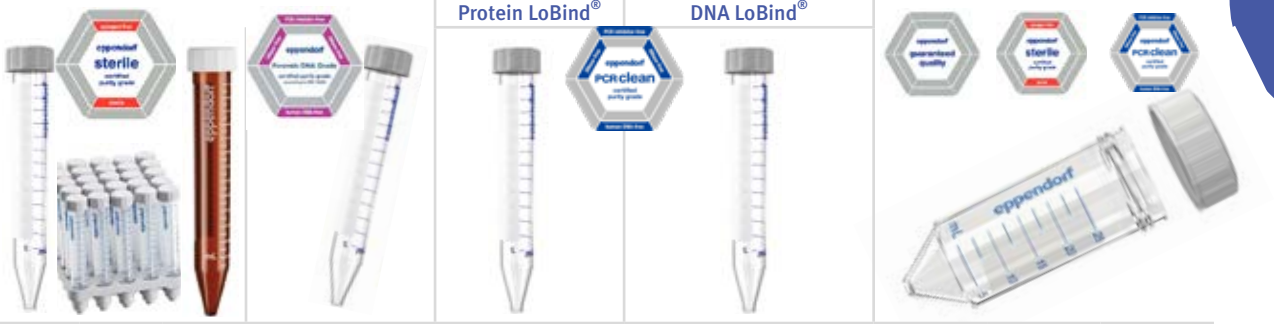
Blue	Green	Lilac	Red	Yellow	Units/ bag	Units/ box	€/ box	2D	Units/ bag	Units/ box	€/ box
040958	**040959**	**040960**	**040961**	**040962**	100	500	**N/A -**	**040957**	100	500	**N/A -**

5 ml screw cap tubes



Volume (ml)	5		
Out diameter (mm)	17.63		
Height (mm)	63.53		
Material	Virgin polypropylene		
Sterile	No	Yes	Yes
Autoclavable	No		
Max centrifugal speed (g)	25000 g		
Graduation	Yes; 0.2 ml increment		
Marking area	Yes		
Operating temperature	-86 °C to +110 °C		
Specifications	Free of DNases, RNases		
Units/box	5 bags of 500 tubes	10 polystyrene racks of 50 tubes	
Cat. No. Black cap	-	-	**062987**
Blue cap Cat. No.	**062627**	**062628**	-
€/box	**N/A -**	**N/A -**	**N/A -**

Eppendorf 15 ml and 25 ml centrifuge tubes



	Sterile			Forensic DNA	PCR Clean		Eppendorf quality™	Sterile	PCR Clean
					Protein LoBind®	DNA LoBind®			
Volume (ml)	15						25		
Out diameter (mm)	17						29.8		
Height (mm)	121						79.2		
Material	Polypropylene; HDPE cap						Polypropylene tube; HDPE cap		
Sterile	Yes	Yes	Yes	No	No	No	No	Yes	No
Autoclavable	No						No		
Max centrifugal speed (g)	19500						17000		
Graduation	Yes (0.5 ml increments)						Yes; increments of 2.5 from 5 ml to 25 ml		
Marking area	Yes						Yes		
Colour	Transparent	Transparent	Amber	Transparent	Transparent	Transparent	Transparent	Transparent	Transparent
Operating temperature	-86 °C to +100 °C						-86 °C to +100 °C		
Specifications	Free of DNases, RNases, human DNA and pyrogens; free of release agents, plasticizers and biocides; cap with flattened and grooved sides			Forensic DNA quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides; cap with flattened and grooved sides	Material protein LoBind®, a special polymer creating a hydrophilic surface that ensures maximum sample recovery; PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides; cap with flattened and grooved sides	Combination of special manufacturing technologies and selected batches ensures virtually 100% recovery of DNA/RNA molecules; no surface coating to eliminate the risk of sample contamination; PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides; cap with flattened and grooved sides	No release agents, plasticizers and biocides	Sterile quality: Free of DNases, RNase, humain ADN and endotoxins; free of release agents, plasticizers and biocides	PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides
Units/box	10 bags of 50 tubes	20 racks of 25 tubes	4 bags of 50 tubes	100 individually wrapped tubes	4 bags of 50 tubes	4 bags of 50 tubes	4 bags of 50 tubes	8 bags of 25 tubes	4 bags of 50 tubes
Cat. No. Grey cap	**933175**	**934169**	**934278**	**933938**	**934279**	**0030122208**	**934355**	**934357**	**934356**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

PCR Clean Starter pack 25 ml tubes

Pack content

- **200 tubes 25 ml**
- **4 Individual racks**
- **6 centrifuge adapters**

Cat. No.	Description	€
934353	Starter pack 25 ml snap cap tubes	**N/A -**
934358	Starter pack 25 ml screw cap tubes	**N/A -**

Accessories

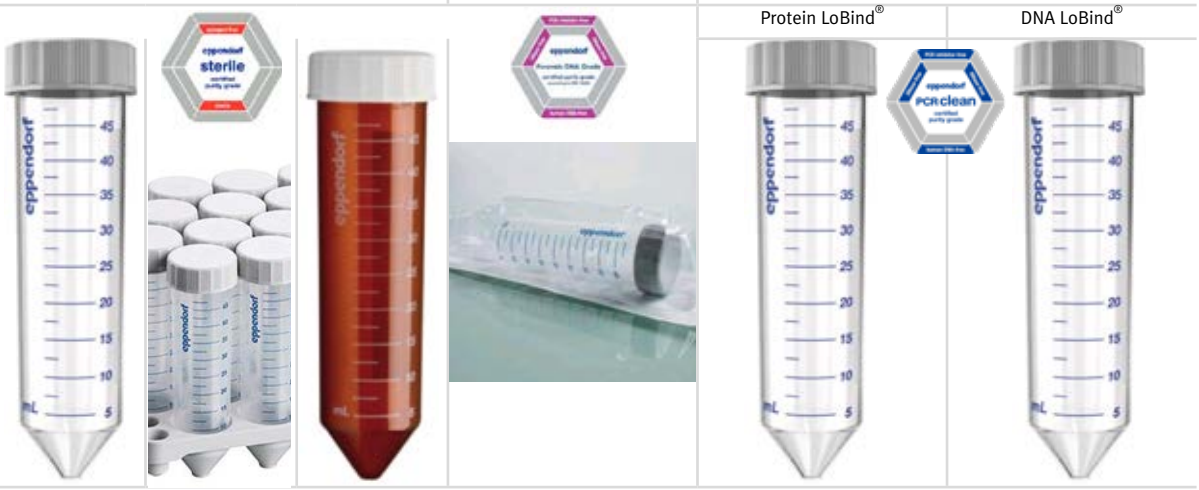
Cat. No.	Description	Units/ box	€/ box
934360	Set of 4 adapters and a sampling tool for SmartBlock 50 ml	1	**N/A -**
934362	25 ml screw cap centrifuge tube adapters	6	**N/A -**



Find our 15 and 50 ml centrifuge tube culture brands in our 'Cell Culture' section

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eppendorf — Eppendorf 15 and 50 ml Centrifuge tubes (continued)



	Sterile			Forensic	PCR Clean	
					Protein LoBind®	DNA LoBind®
Volume (ml)	50					
Out diameter (mm)	30					
Height (mm)	116					
Material	Polypropylene; HDPE cap					
Sterile	Yes	Yes	Yes	No	No	No
Autoclavable	No					
Max centrifugal speed (g)	19500					
Graduation	Yes (2.5 ml increments)					
Marking area	Yes					
Colour	Transparent	Transparent	Amber	Transparent	Transparent	Transparent
Operating temperature	- 86 °C to +100 °C					
Specifications	Free of DNases, RNases, human DNA and endotoxins; free of release agents, plasticizers and biocides; cap with flattened and grooved sides			Forensic DNA quality: free of DNases, RNases, human DNA and vPCR inhibitors; secure closure; no release agents, plasticizers or biocides; cap with flattened and grooved sides	Material protein LoBind®, a special polymer creating a hydrophilic surface that ensures maximum sample recovery; PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides; cap with flattened and grooved sides	Combination of special manufacturing technologies and selected batches ensures virtually 100% recovery of DNA/RNA molecules; no surface coating to eliminate the risk of sample contamination; PCR Clean quality: free of DNases, RNases, human DNA and PCR inhibitors; secure closure; no release agents, plasticizers or biocides; cap with flattened and grooved sides
Units/box	20 bags of 25 tubes	12 racks of 25 tubes	8 bags of 25 tubes	48 individually wrapped tubes	4 bags of 50 tubes	4 bags of 50 tubes
Cat. No. Grey cap	**933185**	**934170**	**934280**	**933939**	**934281**	**934295**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Thermo SCIENTIFIC nunc — 15 ml and 50 ml centrifuge tubes Nunc™



Volume (ml)	15		50	
Diameter (mm)	17		130	
Height (mm)	120		115	
Material	Polypropylene		Polypropylene	
Sterile	No		No	
Autoclavable	Yes		Yes	
Max centrifugal speed (g)	8500		9500	
Graduation	Yes		Yes	
Marking area	Yes		Yes	
Specifications	Free of DNases, RNases		Free of DNases, RNases	
Units/box	10 bags of 50 tubes	10 racks of 50 tubes	10 bags of 50 tubes	10 racks of 50 tubes
Cat. No. natural	**056169NS**	**056170NS**	**056171NS**	**056172NS**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Labcon Perform™ and PerformR™ Tubes, skirted

	PerformR™ Tubes						PerformR™ tubes, skirted		
									
Volume (ml)	15			50			50		
Diameter (mm)	1			29			30		
Height (mm)	118			115			115		
Material	Polypropylene tube; HDPE cap			Polypropylene tube; HDPE cap			Polypropylene tube; HDPE cap		
Sterile	Yes	No	Yes	Yes	No	Yes	No	Yes	No
Cap Type	Screw-in; flat with elastomer seal			Screw-in; flat with elastomer seal			Screw-in; flat with elastomer seal		
Autoclavable	Yes			Yes			Yes		
Max centrifugal speed (g)	12500			12500			10500		
Skirt	No			No			Yes		
Graduation	Yes standard and inverted; maximum level indication for freezing			Yes standard and inverted; maximum level indication for freezing			Yes (2.5 ml increments from 5 to 45 ml)		
Marking area	Yes on tube and cap			Yes on tube and cap			Yes		
Colour	Translucent			Translucent			Translucent		
Operating temperature	-80 °C to +121 °C			-80 °C to +121 °C			-80 °C to +121 °C		
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml) and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to IATA 95 kPa for transport of infectious agents; U.S.P Class VI compliant; recyclable			Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml) and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to IATA 95 kPa for transport of infectious agents; U.S.P Class VI compliant; recyclable			Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml) and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to IATA 95 kPa for transport of infectious agents; U.S.P Class VI compliant; recyclable		
Units/box	Bag of 500 tubes	Bag of 500 tubes and bag of 500 caps	12 polypropylene racks of 25 tubes	Bag of 500 tubes	Bag of 500 tubes and bag of 500 caps	12 polypropylene racks of 25 tubes	10 bags of 50 tubes	10 bags of 50 tubes	Bag of 500 tubes and bag of 500 caps
Cat. No. flat green cap	**949434**	**949901**	**949536**	**949432**	**949917**	**949538**	**949026**	**949027**	**949028**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
									
Cap Type	Screw; with thick joint area; reinforced seal			Screw; with thick joint area; reinforced seal			Screw; with thick joint area; reinforced seal		
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml)and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to U.S.P Class VI; recyclable			Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml)and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to U.S.P Class VI; recyclable			Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml)and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to U.S.P Class VI; recyclable		
Units/box	Bag of 500 tubes	Bag of 500 tubes and bag of 500 caps	12 polypropylene racks of 25 tubes	Bag of 500 tubes	Bag of 500 tubes and bag of 500 caps	12 polypropylene racks of 25 tubes	10 bags of 50 tubes	10 bags of 50 tubes	Bag of 500 tubes and bag of 500 caps
Green cap with reinforced seal	**949024**	**949902**	**949537**	**949020**	**949918**	**949539**	**949029**	**949030**	**949031**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Labcon SuperClear™ Tubes



Volume (ml)	15							
Diameter (mm)	17							
Height (mm)	118							
Material	Polypropylene tube; HDPE cap							
Sterile	Yes	No	No	Yes	No	Yes	Yes	Yes
Cap Type	Screw-in; flat with elastomer seal							
Autoclavable	Yes							
Max centrifugal speed (g)	17000							
Skirt	No							
Graduation	Yes standard and inverted; maximum level indication for freezing							
Marking area	Yes on dotted tube for visibility of contents and on cap							
Operating temperature	-80 °C to +121 °C							
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml) and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to IATA 95 kPa for transport of infectious agents; according to U.S.P Class VI; recyclable							
Units/box	10 bags of 50 tubes	10 bags of 50 tubes	Bag of 500 tubes and bag of 500 caps	20 cardboard racks of 25 tubes	20 cardboard racks of 25 tubes	20 polypropylene racks of 25 tubes	2 integrapacks of 5 bags of 10 tubes	100 individually wrapped tubes
Cat. No. flat green cap	**949823**	**949886**	**949431**	**949430**	**949894**	**949895**	**949885**	**949884**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Cap Type	Screw; with thick joint area; reinforced seal				
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml) and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to U.S.P Class VI; recyclable				
Units/box	10 bags of 50 tubes	10 bags of 50 tubes	Bag of 500 tubes and bag of 500 caps	20 carboard racks of 25 tubes	20 carboard racks of 25 tubes
Cat. No. green cap reinforced sealing	**949890**	**949889**	**949899**	**949897**	**949896**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Volume (ml)	50							
Diameter (mm)	29							
Height (mm)	115							
Material	Polypropylene tube; HDPE cap							
Sterile	Yes	No	No	Yes	No	Yes	Yes	Yes
Cap Type	Screw-in; flat with elastomer seal							
Autoclavable	Yes							
Max centrifugal speed (g)	20000							
Skirt	No							
Graduation	Yes standard and inverted; maximum level indication for freezing							
Marking area	Yes on dotted tube for visibility of contents and on cap							
Operating temperature	-80 °C to +121 °C							
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml) and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to IATA 95 kPa for transport of infectious agents; according to U.S.P Class VI; recyclable							
Units/box	10 bags of 50 tubes	10 bags of 50 tubes	Bag of 500 tubes and bag of 500 caps	20 carboard racks of 25 tubes	20 carboard racks of 25 tubes	20 polypropylene racks of 25 tubes	2 integrapacks of 5 bags of 10 tubes	100 individually wrapped tubes
Cat. No. flat green cap	**949531**	**949905**	**949429**	**949428**	**949910**	**949911**	**949904**	**949903**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Cap Type	Screw; with thick joint area; reinforced seal				
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml) and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to U.S.P Class VI; recyclable				
Units/box	10 bags of 500 tubes	10 bags of 500 tubes	Bag of 500 tubes and bag of 500 caps	20 carboard racks of 25 tubes	20 carboard racks of 25 tubes
Cat. No. green cap reinforced sealing	**949907**	**949906**	**949915**	**949913**	**949912**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

LabconViewpoint™ Tubes






Volume (ml)	15			50		
Diameter (mm)	17			29		
Height (mm)	118			115		
Material	Polypropylene tube; HDPE cap					
Sterile	No	Yes	Yes	No	Yes	Yes
Cap Type	Screw; with elastomer seal					
Autoclavable	Yes					
Max centrifugal speed (g)	12500					
Skirt	No					
Graduation	Yes					
Marking area	Yes					
Colour	Translucent at 5 °C; light blue at 5 °C; dark blue from 0 °C					
Operating temperature	-80 °C to +121 °C					
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml)et ATP; certified low metal content (‹ 1 ppm); CE IVD; according to U.S.P Class VI; recyclable; UV protection when the tube turns dark blue					
Units/box	2 integrapacks of 5 bags of 10 tubes	2 integrapacks of 5 bags of 10 tubes	12 racks of 25 tubes	2 integrapacks of 5 bags of 10 tubes	2 integrapacks of 5 bags of 10 tubes	12 racks of 25 tubes
Cat. No. Green cap	**950665**	**950666**	**950668**	**950669**	**950670**	**950671**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Labcon Metal Free™ Tubes






Volume (ml)	15		50	
Diameter (mm)	17	17	29	29
Height (mm)	118	118	115	115
Material	Polypropylene tube; HDPE cap			
Sterile	Yes			
Cap Type	Screw			
Autoclavable	Yes			
Max centrifugal speed (g)	17000	17000	20000	20000
Skirt	No			
Graduation	Yes standard and inverted; maximum level indication for freezing			
Marking area	Yes on tube and cap			
Colour	Translucent			
Operating temperature	-80 °C to +121 °C			
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml) and ATP; certified low metal content (‹ 1ppb); CE IVD; according to U.S.P Class VI; recyclable			
Units/box	10 bags of 50 tubes	20 cardboard racks of 25 tubes	10 bags of 50 tubes	20 cardboard racks of 25 tubes
Cat. No. White cap	**949892**	**949528**	**949909**	**949527**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Labcon UVsafe™ Tubes








Volume (ml)	15			50		
Diameter (mm)	17	17	17	29	29	29
Height (mm)	118	118	118	115	115	115
Material	Polypropylene tube; HDPE cap					
Sterile	Yes	No	Yes	Yes	No	Yes
Cap Type	Screw					
Autoclavable	Yes					
Max centrifugal speed (g)	12500					
Skirt	No					
Graduation	Yes standard and inverted; maximum level indication for freezing					
Marking area	Yes					
Colour	Opaque					
Operating temperature	-80 °C to +121 °C					
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml) and ATP; certified low metal content (‹ 1ppb); CE IVD; according to U.S.P Class VI; recyclable; Blocks 100% of UV					
Units/box	10 bags of 50 tubes	1 bag of 500 tubes and 1 bag of 500 caps	20 carboard rack of 25 tubes	10 bags of 50 tubes	1 bag of 500 tubes and 1 bag of 500 caps	20 carboard rack of 25 tubes
Cat. No. Green cap	**949891**	**949900**	**949898**	**949908**	**949916**	**949914**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Labcon ProtectR™ Tubes







Volume (ml)	15		50	
Diameter (mm)	17	17	29	29
Height (mm)	118	118	115	115
Material	Polypropylene tube; HDPE cap			
Sterile	No	Yes	No	Yes
Cap Type	Screw-in; flat with elastomer seal			
Autoclavable	Yes			
Max centrifugal speed (g)	12500			
Skirt	No			
Graduation	Yes standard and inverted; maximum level indication for freezing			
Marking area	Yes on dotted tube for visibility of contents and on cap			
Colour	Translucent			
Operating temperature	-80 °C to +121 °C			
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml) and ATP; certified low metal content (‹ 1 ppm); CE IVD; according to IATA 95 kPa for transport of infectious agents; U.S.P. Class VI compliant; recyclable; for transport of samples with dry ice, avoids acidification of the sample due to the CO_2 vapours released by the dry ice and thus deterioration of the sample's properties			
Units/box	2 integrapacks of 5 bags of 10 tubes			
Cat. No.yellow cap	**949532**	**949533**	**949534**	**949535**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

15 AND 50 ML CENTRIFUGE TUBES

Simport® 50 ml Tubes

Volume (ml)	50	
Diameter (mm)	30	
Height (mm)	115	
Material	Polypropylene tube; sealed polyethylene screw cap	
Sterile	Yes	No
Autoclavable	Yes	
Skirt	Yes	
Graduation	Yes	
Marking area	No	
Operating temperature	-90 °C to +121 °C	
Specifications	According to CE IVD; Tested to 95 kPa; Chemical resistant and unbreakable	
Units/box	20 bags of 25	5 bags of 100
Cat. No.yellow cap	**-**	**040722**
Cat. No. Green cap	**040721**	**-**
€/box	**N/A -**	**N/A -**



Wheaton® 15 and 50 ml Tubes



Volume (ml)	15			50		
Diameter (mm)	17	17	17	29	29	29
Height (mm)	121	121	121	115	115	115
Material	Polystyrene; polyethylene cap	Polypropylene; polyethylene cap				
Sterile	Yes					
Max centrifugal speed (g)	9000	9000	9000	9500	9500	9500
Skirt	No	No	No	No	No	Yes
Graduation	Yes; increment 0.5 ml	Yes; increment 0.5 ml	Yes; increment 0.5 ml	Yes; increment 2.5 ml	Yes; increment 2.5 ml	Yes; increment 2.5 ml
Marking area	Yes					
Operating temperature	- 140 °C to +121 °C					
Specifications	Free of DNase, RNase and endotoxins; FDA compliant					
Units/box	10 racks of 50 tubes	10 bags of 50 tubes	10 racks of 50 tubes	20 bags of 25 tubes	20 racks of 25 tubes	20 bags of 25 tubes
Cat. No.cap	**055760**	**055761**	**055762**	**055757**	**055758**	**055763**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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15 ML CENTRIFUGE TUBES

15 ml Tubes



Volume (ml)	15								
Diameter (mm)	17	17	17	17	17	17	17.5	17.5	17
Height (mm)	121	121	121	121	121	121	119.6	119.6	118
Material	Polypropylene			Polypropylene; polyethylene cap			Polypropylene		
Sterile	Yes								
Autoclavable	Yes without cap	No	No	Yes without cap	Yes without cap	Yes without cap	No	No	No
Max speed of centrifugation (g)	6200	12000	12000	12000	12000	12000	8400	8400	12000
Skirt	No								
Graduation	Yes increment of 0.5 ml	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Marking area	Yes								
Colour	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Transparent	Transparent	Translucent
Operating temperature	-80 °C to +110 °C	-190 °C to +120 °C	-190 °C to +120 °C	- 86 °C to +121 °C	- 86 °C to +121 °C	- 86 °C to +121 °C	-20 °C to +121 °C	-20 °C to +121 °C	-86 °C to +121 °C
Specifications	CE and IVD marked; endotoxinfree	Free of DNases and RNases	Free of DNases and RNases	Free of DNases and RNases	Free of DNases and RNases	Free of DNases and RNases	Free of DNase and RNase; IATA compliant	Free of DNase and RNase; IATA compliant	Free of DNase, RNase and endotoxins; non cytotoxic
Units/box	750 indiv. wrapped tubes	20 bags of 25 tubes	20 racks of 25 tubes	10 bags of 50 tubes	10 racks of 50 tubes	300 individually wrapped tubes.	20 bags of 25 tubes	10 racks of 50 tubes	10 racks of 50 tubes
Blue cap Cat. No.	**391526B**	**-**	**-**	**062969**	**062968**	**062975**	**010156**	**010151**	**062630**
Cat. No. assorted colours cap (white, yellow, red, green and blue)	**-**	**051924**	**051825**	**-**	**-**	**-**	**-**	**-**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Volume (ml)	15									
Diameter (mm)	17									
Height (mm)	120									
Material	Polypropylene; polyethylene cap				Polystyrene; polyethylene cap			Acrylic; polyethylene cap		
Sterile	No	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes
Autoclavable	No	No	No	Yes without cap	No	No	No	No	No	No
Max speed of centrifugation (g)	9000	9000	9000	12000	3000	3000	3000	6160	6160	6160
Skirt	No									
Graduation	Yes	Yes	Yes	Yes engraved, and moulded at the conical bottom	Yes	Yes	Yes	Yes	Yes	Yes
Marking area	Yes	Yes	Yes	Yes on tube and cap	Yes	Yes	Yes	Yes	Yes	Yes
Colour	Translucent									
Operating temperature	-	-	-	-80 °C to +121 °C	-40 °C to +70 °C	-40 °C to +70 °C	-40 °C to +70 °C	-40 °C to +70 °C	-40 °C to +70 °C	-40 °C to +70 °C
Specifications	CE IVD Mark	CE IVD Mark	CE IVD Mark	-	-	Free of DNase, RNase and endotoxins	Free of DNase, RNase and endotoxins	-	Free of DNase, RNase and endotoxins	Free of DNase, RNase and endotoxins
Units/box	34 bags of 50 tubes	34 bags of 50 tubes	750 indiv. wrapped tubes	20 bags of 25 tubes	Bag of 500 tubes	20 bags of 25 tubes	10 racks of 50 tubes	Bag of 500 tubes	20 bags of 25 tubes	10 racks of 50 tubes
Cat. No. yellow cap	**-**	**-**	**-**	**978514**	**-**	**-**	**-**	**-**	**-**	**-**
Cat. No. red cap	**-**	**390057**	**390058**	**978513**	**380504**	**380505**	**380506**	**380507**	**380508**	**380509**
Cat. No. Green cap	**-**	**-**	**-**	**978521**	**-**	**-**	**-**	**-**	**-**	**-**
Blue cap Cat. No.	**390056**	**-**	**-**	**978511**	**-**	**-**	**-**	**-**	**-**	**-**
Cat. No. Violet cap	**-**	**-**	**-**	**978512**	**-**	**-**	**-**	**-**	**-**	**-**
Ref. cap in assorted colours (yellow, red, green, blue and purple)	**-**	**-**	**-**	**978508***	**-**	**-**	**-**	**-**	**-**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* 1 PP rack included

50 ML CENTRIFUGE TUBES

50 ml Tubes



Volume (ml)	50									
Diameter (mm)	30	30	30	29	29	29	29	29	29.6	29.6
Height (mm)	117	117	117	115	115	115	115	115	114.7	114.7
Material	Polypropylene			Polypropylene; polyethylene cap					Polypropylene	
Sterile	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
Autoclavable	Yes (without cap)	No	No	Yes (without cap)	Yes (without cap)	Yes (without cap)	Yes (without cap)	Yes (without cap)	-	-
Max centrifugal speed (g)	9400	12000	12000	15000	15000	15000	15000	15000	9400	9400
Skirt	No	No	No	No	No	No	Yes	Yes	No	No
Graduation	Yes (2.5 ml increment)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes (5 ml increments)	Yes (5 ml increments)
Marking area	Yes									
Colour	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Transparent	Transparent
Operating temperature	-80 °C to +110 °C	-190 °C to +120 °C	-190 °C to +120 °C	- 86 °C to +121 °C	- 86 °C to +121 °C	- 86 °C to +121 °C	- 86 °C to +121 °C	- 86 °C to +121 °C	-20 °C to +121 °C	-20 °C to +121 °C
Specifications	CE and IVD marked; endotoxin free	Free of RNase, Dnase	Free of RNase, Dnase	Free of RNase, RNase and endotoxins	Free of RNase, RNase and endotoxins	-	Free of RNase, RNase and endotoxins	Free of RNase, RNase and endotoxins	Free of DNase and RNase; IATA compliant	Free of DNase and RNase; IATA compliant
Units/box	400 tubes in indiv. packs	20 bags of 25 tubes	20 racks of 25 tubes	20 bags of 25 tubes	20 racks of 25 tubes	Bag of 500 tubes	20 bags of 25 tubes	300 tubes in indiv. packs	10 bags of 50 tubes	10 racks of 50 tubes
Blue cap Cat. No.	**391527**	**-**	**-**	**062972**	**062971**	**062970**	**062973**	**062976**	**010157**	**010152**
Cat. No. assorted colours cap (white, yellow, red, green and blue)	**-**	**051926**	**051927**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Volume (ml)	50										
Diameter (mm)	30	29	30	30	30	30	30	30	30	29.5	29.5
Height (mm)	115	115	115	115	115	115	115	115	115	114	114
Material	Polypropylene		Polypropylene; polyethylene cap					PP	PP; PE cap	Polystyrene; polyethylene cap	
Sterile	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes
Autoclavable	No	-	No	No	No	No	No	No	Yes without cap	No	No
Max centrifugal speed (g)	16000	15000	14000	14000	14000	8000	8000	8000	16000	3000	3000
Skirt	No	No	No	No	No	Yes	Yes	Yes	No	No	No
Graduation	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes, engraved, and moulded at the conical bottom	Yes	Yes
Marking area	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes on tube and cap	Yes	Yes
Colour	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent	Natural	Transparent	Transparent
Operating temperature	-80 °C to +121 °C	-86 °C to +121 °C	-	-	-	-	-	-	-80 °C to +121 °C	- 40 °C to +70 °C	- 40 °C to +70 °C
Specifications	Numbered cap; polystyrene rack	Free of RNase, DNase and endotoxins; non-cytotoxic; frosted tight cap	CE IVD Mark	CE IVD Mark	CE IVD Mark	CE IVD Mark	CE IVD Mark	CE IVD Mark	Free of DNase, RNase and endotoxins	-	Free of DNase, RNase and endotoxins
Units/box	12 racks of 25 tubes	20 racks of 25 tubes	5 bags of 100 tubes	5 bags of 100 tubes	500 tubes in indiv. pack	5 bags of 100 tubes	5 bags of 100 tubes	500 tubes in indiv. pack	20 resealable bags of 25 tubes	Bag of 500 tubes	20 bags of 25 tubes
Cat. No. yellow cap	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**978520**	**-**	**-**
Cat. No. red cap	**-**	**-**	**-**	**390060**	**390061**		**390063**	**390064**	**978519**	**380501**	**380502**
Cat. No. Green cap	**978365**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**978522**	**-**	**-**
Blue cap Cat. No.	**-**	**-**	**390059**	**-**	**-**	**390062**	**-**	**-**	**978517**	**-**	**-**
Cat. No. Violet cap	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**978518**	**-**	**-**
Cat. no. cap, assorted colours (yellow, red, green, blue and purple)	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**978515***	**-**	**-**
Cat. No. cap, assorted colours (yellow, red, green, blue and orange)	**-**	**062631**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* 1 PP rack included

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LARGE VOLUME THREADED TUBES

Labcon Large volume threaded tubes






Volume (ml)	175		225	
Diameter (mm)	61		61	
Height (mm)	117		137	
Material	Polypropylene		Polypropylene	
Sterile	No	Yes	No	Yes
Autoclavable	Yes		Yes	
Max centrifugal speed (g)	8000		8000	
Graduation	Yes		Yes	
Marking area	No	No	No	No
Operating temperature	-80 °C to +121 °C		-80 °C to +121 °C	
Specifications	Free of DNases, RNases, endotoxins (‹ 0.05 EU/ ml), ATP Oleamide, DiHEMDA, and phthalates; certified low metal content (‹ 1 ppm); CE IVD			
Units/box	48			
Cat. No. Green cap	**949518**	**949519**	**949520**	**949521**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Nalgene™ Polypropylene Tubes









Volume (ml)	175	250		500			1000		
Diameter (mm)	61.5	61.8	61.1	73.8	69.5	69.5	97.5	97.7	97.5
Height (mm)	143.5	127.7	132.8	169.8	170.2	160	184.5	179	185.3
Material	Polypropylene co-polymer; polypropylene cap			Polypropylene co-polymer; PP cap					PP co-polymer; PP cap, modified PPE closure
Sterile	No								
Bottom	Conical	Flat	Flat	Flat	Flat	Flat	Flat	Flat	Flat
Autoclavable	Yes								
Max centrifugal speed (g)	27500	13200	27500	4800	4800	13700	7100	7100	15810
Graduation	Yes	No	No	No	No	No	No	No	No
Marking area	No								
Specifications	Silicone seal cap for better sealing and reinforced closure	-	Reinforced silicone seal	-	-	Reinforced silicone seal	-	-	Silicone seal; designed for Fiberlite rotors (FCS 6X1000Y, F8S 6X1000Y, F9S 4X1000Y); non-cytotoxic
Units/box	4 tubes	4 tubes	4 tubes	4 tubes	4 tubes	4 tubes	4 tubes	4 tubes	6 tubes
Cat. No. natural	**029258**	**029205**	**029256**	**029236**	**029239**	**029257**	**029237**	**029238**	**-**
Blue cap Cat. No.	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**029907**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Adapter



Cat. No.	Description	Units/ box	€/ box
029274	Adapter	4 adapters	**N/A -**



Find our 15 and 50 ml centrifuge tube culture brands in our 'Cell Culture' section

Nalgene™ Polycarbonate Tubes

Thermo SCIENTIFIC NALGENE



Volume (ml)	175	250			500		1000		
Diameter (mm)	61.4	61.9	61.8	61.8	69.5	69.5	97.6	98.1	-
Height (mm)	144.3	145.8	127.6	134.4	169.6	160	188.4	180.2	-
Material	Polycarbonate; polypropylene cap								Polycarbonate; Polypropylene cap, modified PPE closure
Sterile	No								
Bottom	Conical	Rounded	Flat	Flat	Flat	Flat	Flat	Flat	Flat
Autoclavable	Yes								
Max centrifugal speed (g)	27500	27500	27500	27500	13500	13700	7100	7100	15810
Graduation	Yes	No	No	No	No	No	No	No	No
Marking area	No								
Specifications	Silicone seal cap for better sealing and reinforced closure	Waterproof	-	Reinforced silicone seal	-	Reinforced silicone seal	-	-	Silicone seal; designed for Fiberlite rotors (FCS 6X1000Y, F8S 6X1000Y, F9S 4X1000Y); non-cytotoxic
Units/box	4 tubes	4 tubes	4 tubes	4 tubes	4 tubes	4 tubes	4 tubes	4 tubes	6 tubes
Natural cap	**029259**	**029244**	**029241**	**029206**	**029242**	**029255**	**029200**	**029243**	**-**
Blue cap	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**029906**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Adapters

Cat. No.	Description	Units/ box	€/ box
029274	Adapter for Cat. No. 029259	4	**N/A -**
029273	Adapter for Cat. No. 029244	4	**N/A -**



Nalgene™ PTFE and low density polyethylene tubes

Thermo SCIENTIFIC NALGENE

Volume (ml)	250	
Diameter (mm)	60	61.2
Height (mm)	128.8	131.9
Material	PTFE FEP; ETFE cap	HDPE; polypropylene cap
Sterile	No	
Bottom	Flat	
Autoclavable	Yes	No
Max centrifugal speed (g)	4000	8000
Graduation	No	
Marking area	No	
Operating temperature	- 100 °C to +150 °C	- 100 °C to +120 °C
Specifications	Excellent chemical resistance	
Units/box	1 tube individually packed	Bag of 6 tubes
Cat. No. natural	**029245**	**029240**
€/box	**N/A -**	**N/A -**

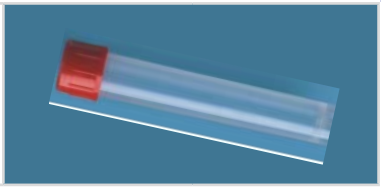


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POLYPROPYLENE THREADED TUBES

Polypropylene threaded tubes Corning® Gosselin™





Volume (ml)	5			10		
Diameter (mm)	16.6	16.6	16.6	16	16	16
Height (mm)	54	54	54	97	97	97
Material	Polypropylene; low density polyethylene cap					
Sterile	No	No	Yes	No	Yes	No
Bottom	Flat	Flat	Flat	Rounded	Rounded	Rounded
Caps	Without	Yes	Yes	Yes	Yes	Yes
Autoclavable	Yes					
Max centrifugal speed (g)	3000					
Skirt	No	No	No	Yes	Yes	Yes
Graduation	No	No	No	No	No	No
Marking area	No	No	No	No	No	No
Colour	Translucent					
Operating temperature	-20 °C to +120 °C					
Units/box	4 bags of 500 tubes	4 bags of 400 tubes	4 bags of 400 tubes	4 bags of 250 tubes	4 bags of 250 tubes	4 bags of 250 tubes
Cat. No. tube only	**080938**	**-**	**-**	**-**	**-**	**-**
Cat. No. White cap	**-**	**688118**	**688340**	**080261**	**-**	**-**
Cat. No. red cap	**-**		**688117**	**-**	**030466**	**688339**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessory

Cat. No.	Description	Units/ bag	€/ bag
076027	White cap for Cat. No. 080938	1500	**N/A -**

Greiner Bio-One Polypropylene threaded tubes



Volume (ml)	12
Diameter (mm)	15.45
Height without cap (mm)	99
Height with cap (mm)	100
Material	Polypropylene; high density polyethylene cap
Sterile	No
Bottom	Rounded
Caps	Yes
Autoclavable	Yes (without cap)
Max centrifugal speed (g)	26000
Skirt	No
Graduation	No
Marking area	No
Colour	Translucent
Operating temperature	- 196 °C to +121 °C
Specifications	Free of DNase and RNase, human DNA and endotoxins; non-cytotoxic
Units/box	900 tubes
Cat. No. White cap	**163270**
€/box	**N/A -**

Nalgene™ Polypropylene threaded tubes

Thermo SCIENTIFIC NALGENE



Volume (ml)	10		16	28	30		35	50	
Diameter (mm)	16.13	16	18.1	25.8	25.7	25.5	28.3	28.83	28.8
Height (mm)	80.5	82	106.4	94	93.4	102.1	103.8	105.9	113.5
Material	Polypropylene copolymer; polypropylene cap								
Sterile	No								
Bottom	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Conical	Rounded	Rounded
Caps	Yes								
Autoclavable	Yes								
Max centrifugal speed (g)	50000								
Skirt	No								
Graduation	No	No	No	No	No	No	Yes (1 ml increments from 1 to 35 ml)	No	No
Marking area	No								
Colour	Translucent								
Operating temperature	0 to +135 °C								
Specifications	-	Silicone seal cap for better sealing and reinforced closure		-	-	Silicone seal cap for better sealing and reinforced closure	Waterproof	-	Silicone seal cap for better sealing and reinforced closure
Units/box	10 tubes								
Cat. No. natural	**029199**	**029251**	**029252**	**029233**	**029234**	**029253**	**029262**	**029235**	**029254**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Adapter for Cat. No. 029262

Cat. No.	Description	Units/ box	€/ box
029283	Adapter	6	**N/A -**



Labcon polypropylene tubes

labcon



Volume (ml)	5	10
Diameter (mm)	15.2	
Height (mm)	60.2	94
Material	Polypropylene	
Sterile	No	No
Bottom	Conical	
Caps	Yes	
Autoclavable	Yes	
Max centrifugal speed (g)	12000	
Skirt	Yes	
Graduation	Yes (1 ml increments)	
Marking area	Yes	
Colour	Translucent	
Operating temperature	-80 °C to +122 °C	
Specifications	Free of DNase, RNase, ATP and endotoxins, certified low trace metals, CE, IVD, IATA 95 kPa compliant, USP class VI	
Units/box	2 bags of 500 tubes and 2 bags of 500 caps	2 bags of 500 tubes and 2 bags of 500 caps
Cat. No. Green cap	**950680**	**950684**
€/box	**N/A -**	**N/A -**

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POLYPROPYLENE THREADED TUBES

Simport® Polypropylene Tubes

Simport



Volume (ml)	5	7			10		12	30			
Out diameter (mm)	17	13	13	17	17	17	17	25	25	25	25
Height (mm)	65	84	84	85	84	84	102	111	111	111	111
Material	Polypropylene										
Sterile	No	No	No	No	No	No	No	No	No	Yes	No
Bottom	Conical	Flat	Flat	Rounded	Conical	Rounded	Conical	Conical	Conical	Conical	Conical
Caps	No	No	No	No	No	No	No	No	No	Yes	Yes
Cap Type	-	-	-	-	-	-	-	-	-	Screw	Screw
Autoclavable	Yes										
Skirt	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Graduation	Yes, engraved	No	No	Yes, screen printed	Yes, engraved	No	Yes, engraved	Yes, engraved	Yes, engraved	Yes	Yes
Marking area	No										
Colour	Translucent										
Operating temperature	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	-90 °C to +121 °C	-90 °C to +121 °C
Specifications	Tested at 95 KPa										
Units/box	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 500 tubes	Bag of 500 tubes	20 bags of 25 tubes	5 bags of 100 tubes
Tube only	**040769**	**040770**	**040779**	**040771**	**040772**	**039235**	**040773**	**040774**	**040780**	**-**	**-**
Cat. No. White cap	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**040723**	**040724**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Caps Made of polypropylene tubes Simport®

For tube Cat No	040769	040770	040779	040771	040772	039235	040773	040774	040780
									
Cat. No. white sealing lip cap	**040775**	**040777**	**-**	**039237**	**040775**	**039237**	**040775**	**040778**	**-**
Units/box	1000	1000	-	1000	1000	1000	1000	500	-
€/box	**N/A -**	**N/A -**	**-**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**
									
Cat. No. white cap with O-Ring	**-**	**-**	**-**	**039238**	**-**	**039238**	**-**	**-**	**-**
Units/box	-	-	-	1000	-	1000	-	-	-
€/box	**-**	**-**	**-**	**N/A -**	**-**	**N/A -**	**-**	**-**	**-**
									
Cat. No. temper-proof white cap	**040781**	**-**	**040782**	**-**	**040781**	**-**	**040781**	**-**	**040783**
Units/box	1000	-	1000	-	1000	-	1000	-	500
€/box	**N/A -**	**-**	**N/A -**	**-**	**N/A -**	**-**	**N/A -**	**-**	**N/A -**

POLYSTYRENE THREADED TUBES

Greiner Bio-One polystyrene tubes



Volume (ml)	12			15
Out diameter (mm)	16.8	16.8	17	17
Height without cap (mm)	100	100	100	15
Height with cap (mm)	101	101	101	120
Material	Polystyrene, Cap HDPE			
Sterile	No	Yes	No	Yes
Bottom	Conical	Conical	Rounded	Rounded
Caps	Yes			
Autoclavable	No			
Max centrifugal speed (g)	5000	5000	3000	2500
Skirt	Yes	Yes	No	No
Graduation	No			
Marking area	No			
Colour	Transparent			
Operating temperature	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C	-20 °C to +60 °C
Specifications	Free of heavy metals	Free of DNase and RNase, human DNA and endotoxins; non-cytotoxic	Free of heavy metals	Free of DNase and RNase, human DNA and endotoxins; non-cytotoxic
Units/box	Bag of 1300 tubes	40 bags of 25 tubes	Bag of 900 tubes	10 bags of 100 tubes
Cat. No. White cap	**164180**	**-**	**-**	**-**
Blue cap Cat. No.	**-**	**164161**	**-**	**186171**
Cat. No. Black cap	**-**	**-**	**163177**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Caps

Cat. No.	Description	Units/ box	€/ box
314386B	Blue cap	1000	**N/A -**

Biosigma polystyrene tubes

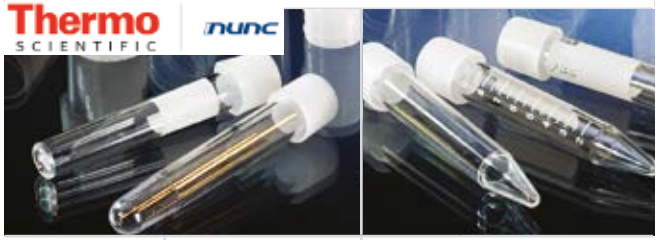


Volume (ml)	5		
Diameter (mm)	13		
Height (mm)	75		
Material	Polystyrene		
Sterile	No	No	Yes
Bottom	Rounded		
Caps	No	Yes	Yes
Autoclavable	No		
Skirt	No		
Graduation	No		
Marking area	No		
Colour	Transparent		
Units/box	Bag of 4200 tubes	Bag of 2100 tubes	21 bags of 100 tubes
Cat. No. tube only	**390559**	**-**	**-**
Cat. No. yellow cap	**-**	**390490**	**390560**
€/box	**N/A -**	**N/A -**	**N/A -**

Caps

Cat. No.	Description	Units/ box	€/ box
390558	Yellow cap	1000	**N/A -**

Nunc™ Polystyrene tubes



Volume (ml)	10		11		
Diameter (mm)	16				
Height (mm)	100	110	110	110	110
Material	Polystyrene; polyethylene cap				
Sterile	Yes				
Bottom	Flat	Rounded	Conical	Conical	Conical
Caps	Yes				
Autoclavable	No				
Max centrifugal speed (g)	3000				
Skirt	No				
Graduation	No	No	No	No	Yes
Marking area	Yes	No	No	Yes	Yes
Colour	Transparent				
Operating temperature	20 °C to 90 °C				
Units/box	6 bags of 80 tubes				
Cat. No. natural	**056022**	**056024**	**056027**	**055455**	**056322**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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POLYCARBONATE/ PTFE THREADED TUBES

Nalgene™ Polycarbonate Tubes



Volume (ml)	10		16	28	30		50		85
Diameter (mm)	16.1	16.1	18.1	25.8	25.8	25.8	28.8	28.8	38.2
Height without cap (mm)	80.5	83.8	107.2	94	94	102.6	115	106.4	105.2
Material	Polycarbonate; polypropylene cap								
Sterile	No								
Bottom	Rounded								
Caps	Yes								
Autoclavable	Yes								
Max centrifugal speed (g)	50000								
Skirt	No								
Graduation	No								
Marking area	No								
Colour	Transparent								
Operating temperature	-135 °C to +135 °C								
Specifications	-	Silicone seal cap for better sealing and reinforced closure		-	-	Silicone seal cap for better sealing and reinforced closure		-	-
Units/box	10 tubes								
Cat. No. natural	**029229**	**029248**	**029249**	**029230**	**029231**	**028103**	**029250**	**029232**	**028416**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Nunc™ Tubes



Volume (ml)	11	
Diameter (mm)	16	
Height (mm)	110	
Material	Polycarbonate; polypropylene cap	
Sterile	Yes	
Bottom	Conical	
Caps	Yes	
Autoclavable	Yes (without cap)	
Max centrifugal speed (g)	6000	
Skirt	No	
Graduation	No	
Marking area	No	Yes
Colour	Transparent	
Operating temperature	-135 °C to +135 °C	
Units/box	6 bags of 80 tubes	
Cat. No. White cap	**056020**	**055458**
€/box	**N/A -**	**N/A -**

Nalgene™ Tubes



Volume (ml)	10	30	50
Out diameter (mm)	16	25.7	28.8
Height without cap (mm)	81.5	93	106.7
Material	PTFE; ETFE cap		
Sterile	No		
Bottom	Rounded		
Caps	Yes		
Autoclavable	Yes		
Max centrifugal speed (g)	50000		
Skirt	No		
Graduation	No		
Marking area	No		
Colour	Translucent		
Operating temperature	-100 °C to +260 °C		
Units/box	2 tubes		
Cat. No. natural	**029217**	**028116**	**029218**
€/box	**N/A -**	**N/A -**	**N/A -**

Nalgene™ Polysulfone Tubes

Thermo SCIENTIFIC NALGENE

Volume (ml)	30	50	
Out diameter (mm)	25.7	29	28.8
Height without cap (mm)	94	107.2	114.8
Material	Polysulfone; polypropylene cap		
Sterile	No		
Bottom	Rounded		
Caps	Yes		
Autoclavable	Yes		
Max centrifugal speed (g)	50000		
Skirt	No		
Graduation	No		
Marking area	No		
Colour	Transparent		
Operating temperature	-100 °C to +165 °C		
Specifications	-	-	Silicone seal cap for better sealing and reinforced closure
Units/box	Bag of 10 tubes		
Cat. No. natural	**029220**	**029221**	**029247**
€/box	**N/A -**	**N/A -**	**N/A -**



Polypropylene tubes with conical bottom and cap

Conical bottom
With cap









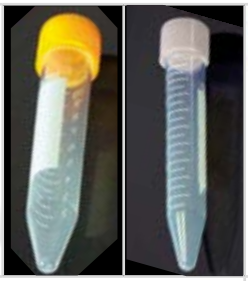


Volume (ml)	5						6
Out diameter (mm)	16	16	16	16	16	16	14.2
Inner diameter (mm)	-	-	-	-	-	-	11.4
Height without cap (mm)	56	56	56	60	57	57	81.3
Material	Polypropylene; polyethylene cap	Polypropylene; polyethylene cap	Polypropylene; polyethylene cap	Polypropylene	Polypropylene	Polypropylene	Polypropylene, polyethylene cap
Sterile	No	No	Yes	Yes	No	Yes	No
Bottom	Conical						
Caps	Yes	Yes (attached)	Yes	Yes	Yes	Yes	Yes
Cap Type	Screw	-	Screw	Screw	Screw	Screw	Screw
Autoclavable	-	-	-	Yes	Yes	Yes	Yes without cap
Skirt	Yes						
Graduation	Yes	Yes	Yes	Yes	Yes	Yes	No
Marking area	No	No	No	Yes	No	No	No
Colour	Translucent						
Specifications	-	-	-	Free of Dnase, Rnase, and endotoxins; tight	-	-	-
Units/box	Bag of 1000 tubes and bag of 1000 caps	Bag of 1000 tubes	Bag of 500 tubes	10 bags of 100 tubes	Bag of 1000 tubes	20 bags of 25 tubes	Bag of 1000 tubes
Cat. No. White cap	**380551**	**380562**	**380564**	**162613**	**-**	**-**	**010228**
Cat. No. yellow cap	**380555**	**-**	**-**	**-**	**-**	**-**	
Cat. No. red cap	**380554**	**-**	**-**	**-**	**-**	**-**	**010229**
Cat. No. Green cap	**380553**	**-**	**-**	**-**	**-**	**-**	**-**
Blue cap Cat. No.	**380552**	**-**	**-**	**-**	**077079**	**077080**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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POLYPROPYLENE THREADED TUBES

Polypropylene tubes with conical bottom and cap

Conical bottom With cap										
Volume (ml)	10									30
Ø ext. (mm)	16	16	16	16	16	16	16	15.7	15.7	30
Ø int. (mm)	-	-	-	-	-	-	-	15	15	-
Height without cap (mm)	93	93	92	92	92	92	80	100	100	82
Height with cap (mm)	-	-	-	-	-	-	-	103.6	103.6	-
Material	Polypropylene	Polypropylene	Polypropylene; polyethylene cap	Polypropylene; polyethylene cap	Polypropylene; polyethylene cap	Polypropylene; polyethylene cap	Polypropylene	Polypropylene	Polypropylene	Polypropylene; polyethylene cap
Sterile	No	Yes	No	No	No	Yes	Yes	No	Yes	Yes
Bottom	Conical									
Caps	Yes	Yes	Yes	Yes	Yes (attached)	Yes	Yes	Yes	Yes	Yes
Cap Type	Screw									
Autoclavable	Yes	Yes	-	-	-	-	Yes	Yes	Yes	Yes (without cap)
Max centrifugal speed (g)	-	-	-	-	-	-	-	3000 rpm	3000 rpm	7000 rpm
Skirt	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes
Graduation	Yes									
Marking area	No	No	No	No	No	No	Yes	Yes	Yes	Yes
Colour	Translucent	Translucent	Translucent	Amber	Translucent	Translucent	Translucent	Translucent	Translucent	Translucent
Operating temperature	-	-	-	-	-	-	-	0 °C to +135 °C	0 °C to +135 °C	- 86 °C to +121 °C
Specifications	-	-	-	-	-	-	Free of Dnase, Rnase, and endotoxins; tight	Compatible with bioMerieux® PREVI™ isola	-	Free of DNase, RNase and endotoxins
Units/box	Bag of 1000 tubes	20 bags of 25 tubes	Bag of 1000 tubes and bag of 1000 caps	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 500 tubes	10 bags of 100 tubes	2 bags of 500 tubes	10 bags of 100 tubes	20 bags of 25 tubes
White cap Cat. No.	**-**	**-**	**380556**	**380561**	**380563**	**380565**	**162614**	**380525**	**-**	**-**
Yellow cap Cat. No.	**-**	**-**	**380560**	**-**	**-**	**-**	**-**	**-**	**380526**	**-**
Red cap Cat. No.	**-**	**-**	**380559**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Green cap Cat. No.	**-**	**-**	**380558**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Blue cap Cat. No.	**077077**	**077078**	**380557**	**-**	**-**	**-**	**-**	**-**	**-**	**062974**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Polypropylene conical bottom tubes without cap

Without cap





Volume (ml)	5		12
Out diameter (mm)	16	16	18.2
Inner diameter (mm)	-	-	14
Height without cap (mm)	97	97	101.4
Material	Polypropylene		
Sterile	No		
Bottom	Conical (false bottom)	Conical (false bottom)	Conical
Autoclavable	Yes	Yes	Yes
Skirt	Yes		
Graduation	No	No	No
Marking area	No		
Colour	Translucent		
Operating temperature	0 °C to +135 °C		-
Specifications	Tubes with false bottoms for use with secondary tubes for barcode machines or analysers; compatible with Hitachi®, Olympus®, Corning®, Ortho®, Kodak®, Beckman®, IA®, Tosoh®, Vitros®, and other analysers		-
Units/box	1000 tubes	1500 tubes	1500 tubes
Cat. No. tube only	**380515**	**380516**	**010231**
€/box	**N/A -**	**N/A -**	**N/A -**

Plugs



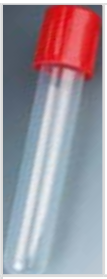


Units/box	1000 caps	1500 caps	6000 caps
Cat. No. White cap	**380521**	**380522**	**-**
Cat. No. yellow cap	**-**	**-**	**-**
Cat. No. red cap	**-**	**-**	**010232**
Cat. No. Green cap	**-**	**-**	**-**
Blue cap Cat. No.	**-**	**-**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**

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POLYPROPYLENE THREADED TUBES

Polypropylene round bottom tubes with cap

Round bottom With cap												
Volume (ml)	5			7		8	10		12		15	
Out diameter (mm)	12.3	17	17	17	17	13	17	17	16.3	16.3	17	17
Inner diameter (mm)	-	-	-	-	-	-	-	-	14.4	14.4	-	-
Height without cap (mm)	75	40	40	54	54	100	70	70	102.5	102.5	100	
Height with cap (mm)	-	-	-	-	-	-	-	-	103.9	103.9	-	-
Material	Polypropylene	Polypropylene copolymer				Polypropylene	Polypropylene copolymer		Polypropylene; low density polyethylene cap		Polypropylene copolymer	
Sterile	No	No	Yes	No	Yes	No	No	Yes	No	Yes	No	Yes
Autoclavable	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes
Max centrifugal speed (g)	-	-	-	-	-	10000	-	-	15000	15000	-	-
Skirt	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Graduation	No	Yes 1 ml increments	Yes 1 ml increments	Yes 1 ml increments	Yes 1 ml increments	No	Yes 1 ml increments	Yes 1 ml increments	No	No	Yes 1 ml increments	Yes 1 ml increments
Marking area	No	Yes on the entire surface of the tube				No	Yes on the entire surface of the tube		No		Yes on the entire surface of the tube	
Colour	Translucent											
Operating temperature	0 °C to +135 °C	-10 °C to +110 °C	-10 °C to +110 °C	-10 °C to +110 °C	-10 °C to +110 °C	-	-10 °C to +110 °C	-10 °C to +110 °C	-	-	-10 °C to +110 °C	-10 °C to +110 °C
Units/box	4 bags of 250 tubes	Bag of 1000 tubes	25 bags of 20 tubes	Bag of 1000 tubes	25 bags of 20 tubes	Bag of 1000 tubes	Bag of 1000 tubes	25 bags of 20 tubes	6 bags of 250 tubes	1500 individually wrapped tubes	Bag of 1000 tubes	25 bags of 20 tubes
White cap Cat. No.	**380524**	**064351**	**064353**	**064357**	**064044**	**-**	**064359**	**064050**	**-**	**-**	**064361**	**064363**
Red cap Cat. No.	**380523**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
Green cap Cat. No.	**-**	**-**	**-**	**-**	**-**	**064263**	**-**	**-**	**080193**	**080194**	**-**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

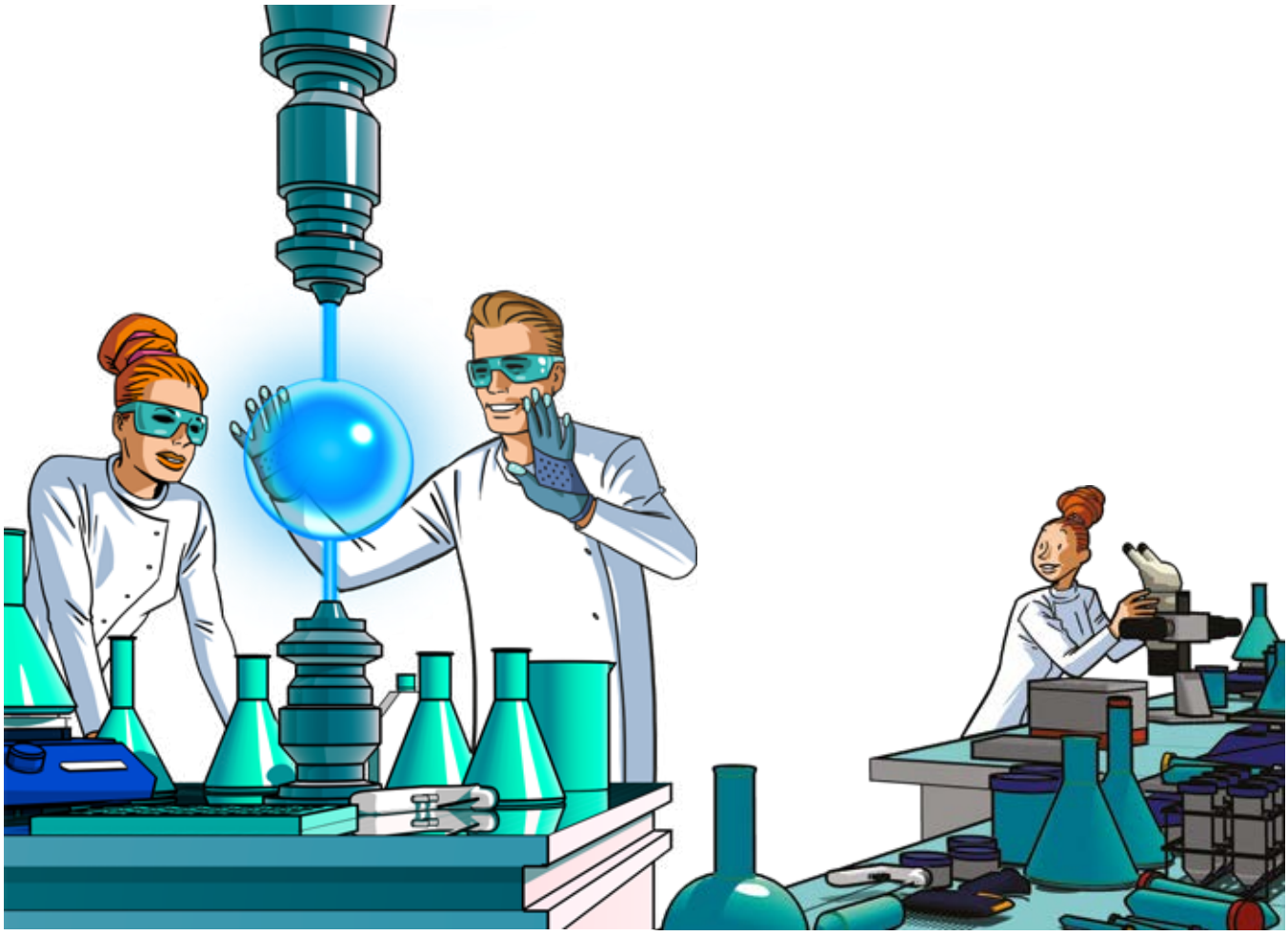
Polypropylene round bottom tubes without cap

Round bottom Without cap				
Volume (ml)	5	7	10	15
Out diameter (mm)	17			
Height without cap (mm)	40	54	70	100
Material	Polypropylene copolymer			
Sterile	No			
Autoclavable	Yes			
Graduation	Yes (1 ml increments)			
Marking area	Yes on the entire surface of the tube			
Colour	Translucent			
Operating temperature	-10 to +110 °C			
Units/box	1000 tubes			
Cat. No. tube only	**064352**	**064358**	**064360**	**064362**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Plugs

Units/box	1000 caps
Natural	**064100**
White	**064106**
Yellow	**064107**
Red	**064105**
Green	**064103**
Blue	**064101**
Violet	**064104**
Orange	**064102**
€/box	**N/A -**





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POLYSTYRENE THREADED TUBES

Polystyrene round bottom tubes with cap

Round bottom With cap							
Volume (ml)	8	10				12	
Ø ext. (mm)	13	16	16	16	16	16.3	16.3
Ø int. (mm)	-	-	-	-	-	14.4	14.4
Height without cap (mm)	100	100	100	100	100	102.5	102.5
Height with cap (mm)	-	-	-	-	-	103.9	103.9
Material	Polystyrene					Polystyrene; high density polyethylene cap	
Sterile	No	No	Yes	Yes	Yes	No	Yes
Bottom	Rounded						
Caps	Yes						
Autoclavable	No						
Max centrifugal speed (g)	8200	-	-	-	-	7500	7500
Skirt	No	No	No	No	No	Yes	Yes
Graduation	No						
Marking area	No						
Colour	Transparent						
Units/box	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	8 racks of 88 tubes	750 individually wrapped tubes	6 bags of 250 tubes	1500 individually wrapped tubes
Red cap Cat. No.	**-**	**012064**	**012065**	**012067B**	**012066**	**-**	**-**
Green cap Cat. No.	**064262**	**-**	**-**	**-**	**-**	**080191**	**080192**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Polystyrene round bottom tubes with cap

Round bottom With cap										
Volume (ml)	16				19					21
Ø ext. (mm)	16									
Height without cap (mm)	120	120	120	120	150	150	150	150	125	150
Material	Polystyrene									
Sterile	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No
Bottom	Rounded									
Caps	Yes									
Autoclavable	No									
Max centrifugal speed (g)	-	-	-	-	-	-	-	-	8200	8200
Skirt	No									
Graduation	No									
Marking area	No									
Colour	Transparent									
Units/box	Bag of 750 tubes	Bag of 750 tubes	8 racks of 88 tubes	500 individually wrapped tubes	Bag of 625 tubes	Bag of 625 tubes	8 racks of 88 tubes	500 individually wrapped tubes	Bag of 1000 tubes	Bag of 1000 tubes
Red cap Cat. No.	**012068**	**012069**	**012071B**	**012070**	**012072**	**012073**	**012075B**	**012045**	**-**	**-**
Green cap Cat. No.	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**064328**	**064330**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Polyethylene threaded tubes



Volume (ml)	5		
Out diameter (mm)	17		
Height without cap (mm)	40		
Material	Polyethylene		
Sterile	No	Yes	No
Bottom	Rounded		
Caps	Yes	Yes	Without
Autoclavable	No		
Skirt	Yes		
Graduation	Yes (1 ml increments)		
Marking area	Yes on the entire surface of the tube		
Colour	Translucent		
Operating temperature	-40 °C to +80 °C		
Units/box	Bag of 1000 tubes	25 bags of 20 tubes	Bag of 1000 tubes
Cat. No. tube only	**-**	**-**	**064355**
Cat. No. White cap	**064354**	**064356**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**

Polycarbonate threaded tubes

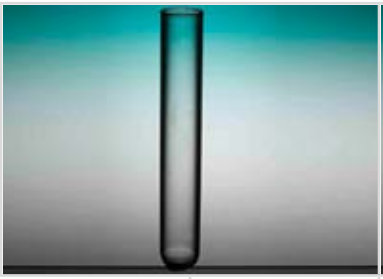
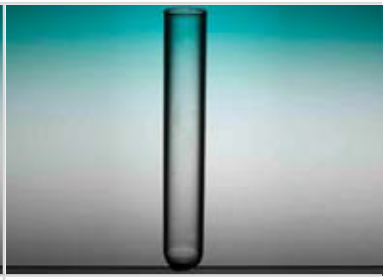


Volume (ml)	8	11	15	26
Ø ext. (mm)	13	15	16	20
Height without cap (mm)	100	103	125	125
Height with cap (mm)	102.1	105.6	127.1	127.1
Material	Polycarbonate			
Sterile	No			
Bottom	Flat			
Caps	Yes			
Autoclavable	Yes			
Skirt	No			
Graduation	No			
Marking area	No			
Colour	Transparent			
Operating temperature	-125 °C to +125 °C			
Units/box	1500 tubes	1716 tubes	1200 tubes	900 tubes
Blue cap Cat. No.	**360513**	**360512**	**360511**	**360510**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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POLYPROPYLENE TUBES, STRAIGHT NECK

Corning® Gosselin™Polypropylene threaded tubes, straight neck

Volume (ml)	2	3.5		5	10	
Out diameter (mm)	10.9	12	12	12.8	15.4	15.4
Inner diameter (mm)	8.9	10	10	10.9	13.5	13.5
Height (mm)	42.5	75	75	74.5	95	95
Material	Polypropylene					
Sterile	No	No	Yes	Yes	No	Yes
Bottom	Rounded					
Caps	No	No	Yes	Yes	No	Yes
Cap Type	-	-	Winged cap	Winged cap	-	Winged cap
Autoclavable	Yes					
Max centrifugal speed (g)	3000					
Skirt	No					
Graduation	No					
Marking area	No					
Colour	Transparent	Translucent	Translucent	Translucent	Translucent	Translucent
Operating temperature	-20 °C to +120 °C					
Units/box	4 bags of 1500 tubes	5 bags of 500 tubes	4 bags of 625 tubes	4 bags of 500 tubes	5 bags of 250 tubes	4 bags of 250 tubes
Cat. No. tube only	**080044**	**080073**	**-**	**-**	**080031**	**-**
Cat. No. red cap	**-**	**-**	**080075**	**080072**	**-**	**080084**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Greiner Bio-One Polypropylene tubes, straight neck



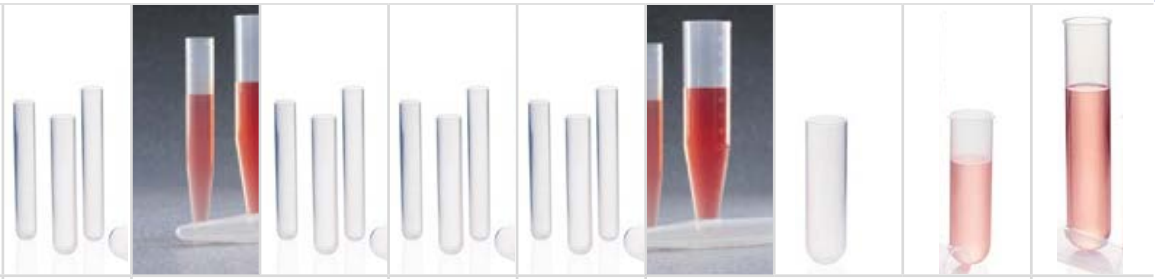



Volume (ml)	4	5	12	14
Out diameter (mm)	11.8	12	16.1	18
Inner diameter (mm)	10.1	10	13.5	15
Height (mm)	54.7	74.2	98.9	95
Material	Polypropylene			
Sterile	No			
Bottom	Rounded			
Caps	No			
Autoclavable	Yes			
Max centrifugal speed (g)	5800	5800	5800	4800
Skirt	No			
Graduation	No			
Marking area	No			
Colour	Translucent			
Operating temperature	-196 °C to +120 °C			
Units/box	15 bags of 240 tubes	8 bags of 250 tubes	Bag of 1600 tubes	Bag of 1500 tubes
Cat. No. tube only	**112201**	**115201**	**160201**	**187201**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

POLYPROPYLENE TUBES, STRAIGHT NECK

Nalgene™ Polypropylene tubes, straight neck

Thermo SCIENTIFIC NALGENE



Volume (ml)	12	15		16	38		50		100
Diameter (mm)	15.8	16.8	15.8	17.8	25.2	28.7	28.5	28.4	31.5
Height (mm)	102.1	118.6	112.8	98.6	88.1	133.1	102.4	102	163.1
Material	Polypropylene copolymer								
Sterile	No								
Bottom	Rounded	Conical	Rounded	Rounded	Rounded	Conical	Rounded	Rounded	Rounded
Caps	Without								
Max centrifugal speed (g)	50000	6000	50000	50000	50000	6000	50000	50000	50000
Skirt	No								
Graduation	No	Yes	No	No	No	Yes	No	No	No
Marking area	No								
Colour	Translucent								
Operating temperature	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C	0 °C to +135 °C
Units/box	10 tubes								
Cat. No. tube only	**029211**	**029207**	**029212**	**029213**	**029214**	**029208**	**029215**	**028444**	**029216**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Simport® Polypropylene tube, straight neck

Simport



Volume (ml)	5							8	14	15
Out diameter (mm)	12	12	12	12	12	12	12	13	17	17
Height (mm)	75	75	75	75	75	75	75	100	100	120
Material	Polypropylene									
Sterile	No									
Bottom	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Conical
Caps	Without									
Autoclavable	Yes									
Max centrifugal speed (g)	3000									
Skirt	No									
Graduation	No	No	No	No	No	No	No	No	No	Yes (0.25, 0.5, 1.0, 2.5, 5, 10, 12 and 15 ml)
Marking area	No									
Colour	Translucent	Translucent	Translucent	Blue	Green	Orange	Yellow	Transparent	Transparent	Translucent
Operating temperature	0 °C to +135 °C									
Specifications	-	-	Low binding	-	-	-	-	-	-	Chemically inert; metal-free
Units/box	Bag of 1000 tubes	8 bags of 125 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes
Cat. No. tube only	**039433**	**039382**	**039384**	**039434**	**039435**	**039436**	**039442**	**039386**	**039445**	**039392**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Polypropylene Tubes, straight neck





Volume (ml)	4	5									
Ø ext. (mm)	12										
Height (mm)	75										
Material	Polypropylene										
Sterile	Yes	No	Yes	No	No	No	No	No	No	No	No
Bottom	Conical	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded
Caps	No										
Autoclavable	Yes										
Max centrifugal speed (g)	1500										
Skirt	No										
Graduation	No										
Marking area	No										
Colour	Natural	Natural	Natural	Natural	Natural	Yellow	Orange	Red	Violet	Blue	Green
Operating temperature	-40 °C to +90 °C										
Specifications	Free of DNase, RNase, ATP and endotoxins, certified low trace metals, CE, IVD, IATA 95 kPa compliant, USP class VI										
Units/box	20 bags of 25 tubes	8 bags of 125 tubes	8 bags of 125 tubes	Bag of 3000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes
Cat. No. tube only	**949951**	**949941**	**949942**	**949929**	**949931**	**949932**	**949933**	**949934**	**949935**	**949936**	**949937**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Volume (ml)	5			8			14					
Ø ext. (mm)	12	12	12	13	13	13	13	17	17	17	17	17
Height (mm)	75	75	75	100	100	100	100	100	100	100	100	100
Material	Polypropylene											
Sterile	Yes	Yes	Yes	No	No	Yes	No	No	Yes	No	Yes	Yes
Bottom	Rounded											
Caps	Yes	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes
Type of cap	Dual position snap	Dual position snap	Winged cap	-	-	-	-	-	-	Dual position snap	Dual position snap	Dual position snap
Autoclavable	Yes											
Max centrifugal speed (g)	1500											
Skirt	No											
Graduation	No											
Marking area	No											
Colour	Natural											
Specifications	Free of DNase, RNase, ATP and endotoxins, certified low trace metals, CE, IVD, IATA 95 kPa compliant, USP class VI											
Operating temperature	-40 °C to +90 °C											
Units/box	8 bags of 125 tubes	20 bags of 25 tubes	20 bags of 25 tubes	Bag of 1000 tubes	8 bags of 125 tubes	8 bags of 125 tubes	Bag of 1000 tubes	8 bags of 125 tubes	8 bags of 125 tubes	Bag of 1000 tubes	Bag of 125 tubes	Bag of 25 tubes
Cat. No. tube only	**949944**	**949946**	**949948**	**949953**	**949956**	**949957**	**949960**	**949965**	**949966**	**949962**	**949968**	**949970**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Corning® Gosselin™ Polystyrene Tubes, straight neck

CORNING





Volume (ml)	2		3.5	4	5	10			
Ø ext. (mm)	10.9	10.9	11.8	12	12.8	15.4	15.4	21	21
Ø int. (mm)	8.9	8.9	10	10	10.9	13.5	13.5	-	-
Height without cap (mm)	42.5	42.5	75	75	74.5	95	95	82	82
Material	Polystyrene								
Sterile	No	Yes	No	Yes	Yes	No	Yes	No	Yes
Bottom	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Conical	Conical
Caps	No	Yes	No	Yes	Yes	No	Yes	No	Yes
Type of cap	-	Winged cap	-	Winged cap	Winged cap	-	Winged cap	-	Inner model
Autoclavable	No								
Max centrifugal speed (g)	3000								
Skirt	No								
Graduation	No								
Marking area	No								
Colour	Transparent								
Operating temperature	-40 °C to +65 °C								
Units/box	4 bags of 1500 tubes	4 bags of 1250 tubes	6 bags of 500 tubes	4 bags of 625 tubes	4 bags of 500 tubes	5 bags of 250 tubes	4 bags of 250 tubes	5 bags of 250 tubes	5 bags of 250 tubes
Tube only Cat. No.	**080043**	**-**	**080067**	**-**	**-**	**080030**	**-**	**080000**	**-**
Red cap Cat. No.	**-**	**080045**	**-**	**080074**	**080064**	**-**	**080040**	**-**	**080010**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Greiner Bio-One Polystyrene tubes, straight neck

greiner BIO-ONE





Volume (ml)	2	4.5	5		10	12	14	20
Out diameter (mm)	10.4	12.4	12	16	14	16	17	16
Inner diameter (mm)	8.7	10	10	-	12	14	15	13.7
Height (mm)	40	75	75	65	100	100	100	151
Material	Polystyrene							
Sterile	No							
Bottom	Rounded							
Caps	No							
Autoclavable	No							
Max centrifugal speed (g)	5800	4800	5800	5800	4000	5800	5200	-
Skirt	No							
Graduation	No							
Marking area	No							
Colour	Transparent							
Operating temperature	-20 °C to +60 °C							
Units/box	6 bags of 500 tubes	Bag of 2500 tubes	8 bags of 250 tubes	6 bags of 300 tubes	Bag of 1400 tubes	Bag of 1600 tubes	Bag of 1500 tubes	Bag of 1500 tubes
Tube only	**103101**	**120101**	**115101**	**151101**	**136101**	**160101**	**187101**	**169101**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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POLYSTYRENE TUBES, STRAIGHT NECK

Biosigma Polystyrene tubes, straight neck



Volume (ml)	3	5
Out diameter (mm)	11.5	12
Inner diameter (mm)	10.7	
Height (mm)	55	86
Material	Polystyrene	
Sterile	No	
Bottom	Rounded	
Caps	Without	
Autoclavable	No	
Skirt	No	
Graduation	No	
Marking area	No	
Colour	Transparent	
Operating temperature	-10 °C to +50 °C	
Units/box	6000 tubes	4000 tubes
Tube only	**390595**	**395035**
€/box	**N/A -**	**N/A -**

Nunc™ Polystyrene tubes, straight neck





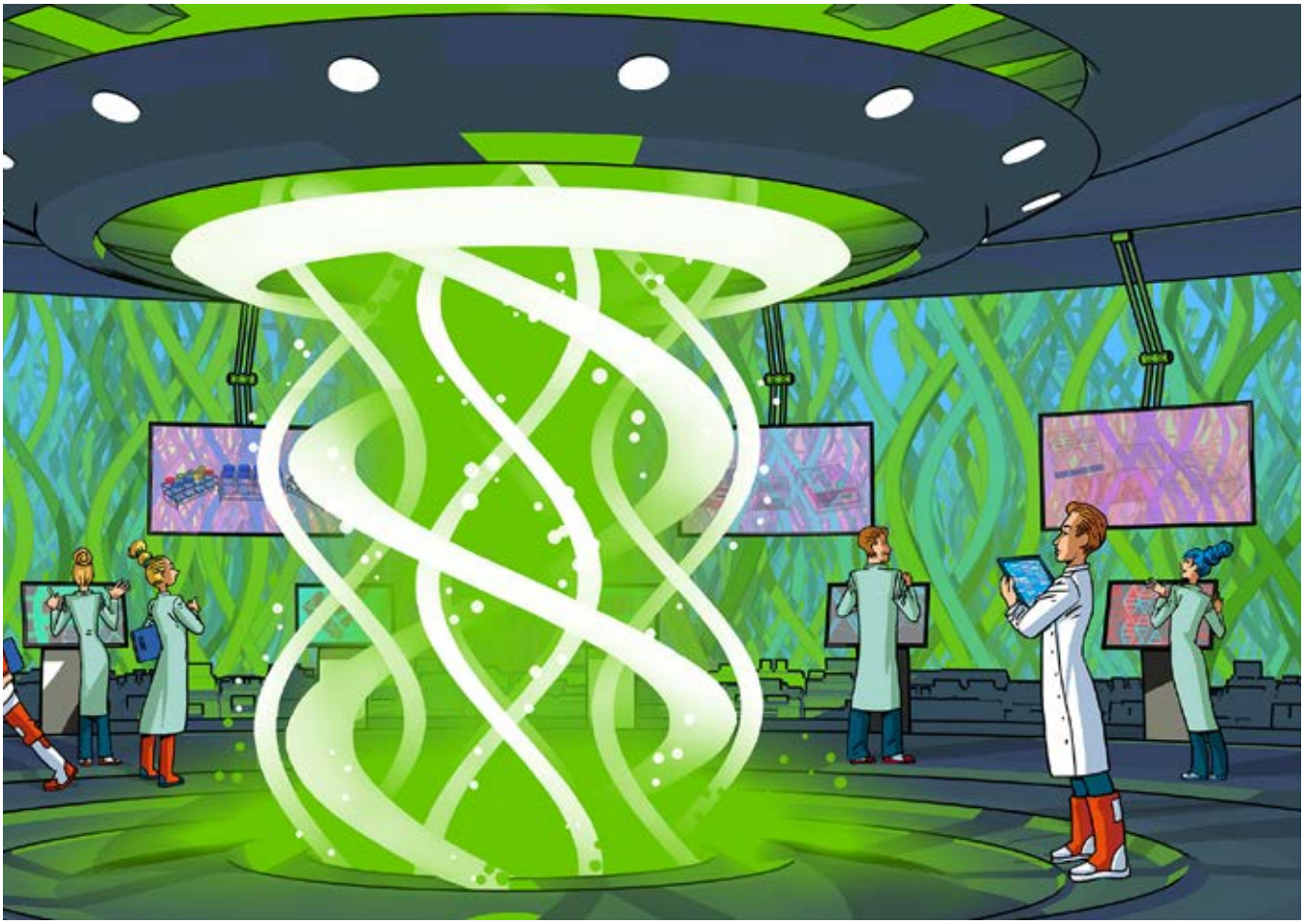
Volume (ml)	4	5	12		14	
Diameter (mm)	11	12	15	15	17	17
Height (mm)	70	75	100	100	110	110
Material	Polystyrene; polyethylene cap					
Sterile	No	No	No	Yes	No	Yes
Bottom	Rounded	Rounded	Rounded	Rounded	Conical	Conical
Caps	Yes					
Cap Type	Inner model					
Type of neck	Straight					
Autoclavable	No					
Max centrifugal speed (g)	3000	3000	-	-	-	-
Skirt	No					
Graduation	Yes 1 graduation to 2.5 ml	Yes 1 graduation to 2.5 ml	Yes 2 graduations to 5 et 10 ml	Yes 2 graduations to 5 et 10 ml	Yes 2 graduations to 5 et 10 ml	Yes 2 graduations to 5 et 10 ml
Marking area	No					
Colour	Transparent					
Operating temperature	+20 °C to +90 °C					
Units/box	24 bags of 150 tubes	3 bags of 1000 tubes	8 bags of 150 tubes	5 bags of 100 tubes	18 bags of 100 tubes	5 bags of 100 tubes
Cat. No. natural	**056032**	**056035**	**056039**	**056041**	**056043**	**056044**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Simport® Polystyrene tubes, straight neck

Simport



Volume (ml)	5						8	14	15	
Ø ext. (mm)	12	12	12	12	12	12	13	17	17	17
Height (mm)	75	75	75	75	75	75	100	100	120	120
Material	Polystyrene									
Sterile	No									
Bottom	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Conical	Conical
Caps	Without									
Type of neck	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight with edge	Straight with edge
Autoclavable	No									
Max. Centrifugation speed (g)	1400	1400	1400	1400	1400	1400	1400	1400	1200	1200
Skirt	No									
Graduation	No	No	No	No	No	No	No	No	Yes 0.25, 0.5, 1.0, 2.5, 5, 10, 12 and 15 ml	Yes 0.25, 0.5, 1.0, 2.5, 5, 10, 12 and 15 ml
Marking area	No									
Colour	Transparent	Transparent	Blue	Green	Orange	Yellow	Transparent	Transparent	Transparent	Transparent
Operating temperature	+20 °C to +90 °C									
Specifications	-	-	-	-	-	-	-	-	Chemically inert; metal-free	
Units/box	Bag of 1000 tubes	8 bags of 125 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	10 bags of 100 tubes	Bag of 1000 tubes
Cat. No. tube only	**039426**	**039431**	**039427**	**039428**	**039429**	**039430**	**039385**	**039443**	**039390**	**039391**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



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POLYSTYRENE TUBES, STRAIGHT NECK

Labcon Polystyrene tubes, straight neck





Volume (ml)	5							
out.Ø (mm)	12							
Height (mm)	75							
Material	Polystyrene							
Sterile	No	Yes	No	No	No	Yes	Yes	Yes
Bottom	Rounded							
Caps	No	No	No	No	Yes	Yes	Yes	Yes
Cap Type	-	-	-	-	Dual position snap	Dual position snap	Dual position snap	Plug cap
Autoclavable	Yes							
Max centrifugal speed (g)	3000							
Skirt	No							
Graduation	No							
Marking area	No							
Colour	Natural							
Operating temperature	-80 °C to +122 °C							
Specifications	Free of DNase, RNase, ATP and endotoxins, certified low trace metals, CE, IVD, IATA 95 kPa compliant, USP class VI							
Units/box	8 bags of 125 tubes	8 bags of 125 tubes	Bag of 3000 tubes	Bag of 1000 tubes	1 bag of 1000 tubes and 1 bag of 100 caps	8 bags of 125 tubes	20 bags of 25 tubes	20 bags of 25 tubes
Cat. No. tube only	**949939**	**949940**	**949928**	**949930**	**949938**	**949943**	**949945**	**949947**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**





Volume (ml)	8			14					
out.Ø (mm)	13	13	13	13	17	17	17	17	17
Height (mm)	100								
Material	Polystyrene								
Sterile	No	No	Yes	No	No	Yes	No	Yes	Yes
Bottom	Rounded								
Caps	No	No	No	No	No	No	Yes	Yes	Yes
Type of cap	-	-	-	-	-	-	Dual position snap	Dual position snap	Dual position snap
Autoclavable	Yes								
Max centrifugal speed (g)	3000								
Skirt	No								
Graduation	No								
Marking area	No								
Colour	Natural								
Operating temperature	-80 °C to +122 °C								
Specifications	Free of DNase, RNase, ATP and endotoxins, certified low trace metals, CE, IVD, IATA 95 kPa compliant, USP class VI								
Units/box	Bag of 1000 tubes	8 bags of 125 tubes	8 bags of 125 tubes	Bag of 1000 tubes	8 bags of 125 tubes	8 bags of 125 tubes	Bag of 1000 tubes	Bag of 125 tubes	Bag of 25 tubes
Cat. No. tube only	**949952**	**949954**	**949955**	**949959**	**949963**	**949964**	**949961**	**949967**	**949969**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

POLYCARBONATE/POLYPROPYLENE TUBES, STRAIGHT NECK

Nalgene™ Polycarbonate Tubes, straight neck

Thermo SCIENTIFIC NALGENE



Volume (ml)	12	15		16	38		50		100
out.Ø (mm)	15.9	17	16	17.9	25.3	28.7	28.8	28.5	31.5
Height (mm)	103.1	120.1	114	99.8	88.6	134.1	103.1	102	164.3
Material	Polycarbonate								
Sterile	No								
Bottom	Rounded	Conical	Rounded	Rounded	Rounded	Conical	Rounded	Rounded	Rounded
Caps	Without								
Type of neck	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight with edge	Straight with edge
Autoclavable	Yes								
Max centrifugal speed (g)	50000	6000	50000	50000	50000	6000	50000	50000	50000
Skirt	No								
Graduation	No	Yes	No	No	No	Yes	No	No	No
Marking area	No								
Colour	Transparent								
Operating temperature	-135 °C to +135 °C								
Units/box	Bag of 10 tubes								
Cat. No. tube only	**029222**	**029209**	**029223**	**029224**	**029225**	**029210**	**029226**	**029228**	**029227**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Polypropylene Tubes, straight neck

Round bottom Without cap



Volume (ml)	1.6	3	3.1	5								
out.Ø (mm)	8	11.5	12	12	12.8	13	12	12	13	13	13	12
inn.Ø (mm)	-	-	-	-	10.9	11	-	-	-	-	-	-
Height without cap (mm)	50	55	50	75	75	75	75	75	75	75	75	86
Material	Polypropylene											
Sterile	No											
Bottom	Rounded											
Type of neck	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight with edge	Straight with edge
Autoclavable	-	No	-	-	No	No	No	No	No	No	No	No
Max centrifugal speed (g)	10000	5000	10000	10000	-	-	5000	5000	5000	5000	5000	5000
Skirt	No											
Graduation	No	No	No	No	No	No	No	No	No	No	Yes	Yes
Marking area	No											
Colour	Translucent											
Specifications	-	-	-	-	-	-	Sorvall tube	Sorvall tube	-	-	-	-
Units/box	Bag of 1000 tubes	12 bags of 500 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 2000 tubes	4 bags of 1000 tubes	16 bags of 250 tubes	Bag of 4000 tubes	16 bags of 250 tubes	Bag of 4000 tubes	Bag of 4500 tubes	Bag of 4000 tubes
Cat. No. tube only	**064375**	**390017**	**064317**	**064200**	**080071**	**388589**	**390018**	**390019**	**390020**	**390021**	**390026**	**390027**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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POLYPROPYLENE TUBES, STRAIGHT NECK

Polypropylene tubes, straight neck with round bottoms without cap

Round bottom Without cap



Volume (ml)	6	7				8			10			11
out. Ø (mm)	16	13	13	13	12	13	13	16	16	16	16	16
inn. Ø (mm)	-	-	-	11	-	-	-	-	-	-	14	13.8
Height without cap (mm)	65	100	100	99	100	100	100	75	100	100	100	100
Material	Polypropylene											
Sterile	No											
Bottom	Rounded											
Type of neck	Straight	Straight	Straight	Straight	Straight with edge	Straight	Straight	Straight	Straight	Straight with edge	Straight	Straight
Autoclavable	Yes	Yes	No	No	Yes	-	No	No	No	No	No	No
Max centrifugal speed (g)	-	-	5000	-	3000	10000	-	-	5000	5000	-	-
Skirt	No											
Graduation	No	No	No	No	No	No	No	No	Yes	Yes	Yes	No
Marking area	No											
Colour	Translucent											
Operating temperature	-	-	-	-	-10 °C to +120 °C	-	-	-	-	-10 °C to +120 °C		-
Units/box	4 bags of 500 tubes	4 bags of 400 tubes	Bag of 3000 tubes	3 bags of 1000 tubes	Bag of 100 tubes	Bag of 1000 tubes	Bag of 1000 tubes	2 bags of 500 tubes	Bag of 2000 tubes	Bag of 2000 tubes	Bag of 2000 tubes	5 bags of 500 tubes
Cat. No. tube only	**483035**	**483040**	**390022**	**349011**	**391225**	**064323**	**380640**	**380642**	**390023**	**390029**	**390678**	**349015**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Round bottom Without cap



Volume (ml)	16		19		31	48	70	110
out.Ø (mm)	17	17	16	16	24	30	35	40
Height without cap (mm)	101	100	125	125	93	104	99.5	119
Material	Polypropylene							
Sterile	No							
Bottom	Rounded							
Type of neck	Straight edged	Straight	Straight	Straight	Straight edged	Straight edged	Straight edged	Straight edged
Autoclavable	Yes	-	No	-	Yes	Yes	Yes	Yes
Max centrifugal speed (g)	3000	10000	-	10000	3000	3000	3000	3000
Skirt	No							
Graduation	No							
Marking area	No							
Colour	Translucent							
Operating temperature	-10 °C to +120 °C	-	-	-	-10 °C to +120 °C	-10 °C to +120 °C	-10 °C to +120 °C	-10 °C to +120 °C
Units/box	Bag of 500 tubes	Bag of 1000 tubes	2 bags of 500 tubes	Bag of 1000 tubes	Bag of 50 tubes	Bag of 25 tubes	Bag of 20 tubes	Bag of 25 tubes
Cat. No. tube only	**391226**	**064325**	**380644**	**064327**	**391227**	**391228**	**391229**	**391230**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

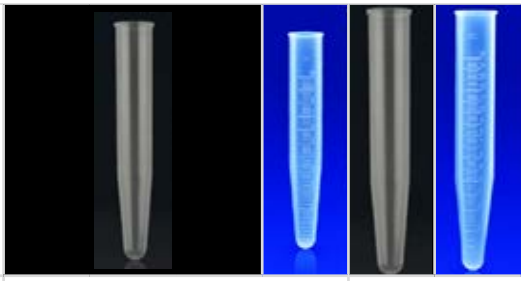
Polypropylene tubes, straight neck with round bottoms with cap

Volume (ml)	7
out. Ø (mm)	13
inn. Ø (mm)	11
Height without cap (mm)	99
Material	Polypropylene
Sterile	Yes
Bottom	Rounded
Caps	Yes
Cap Type	Plug cap
Type of neck	Straight
Autoclavable	No
Skirt	No
Graduation	No
Marking area	No
Colour	Translucent
Units/box	4 bags of 375 tubes
Cat. No. red cap	**080083**
€/box	**N/A -**



Polypropylene Tubes, straight neck

Conical bottom Without cap



Volume (ml)	10				15	
out. Ø (mm)	16	16	16	16	18	18
Height without cap (mm)	100	100	108	107	120	118
Material	Polypropylene					
Sterile	No					
Bottom	Conical					
Type of neck	Straight	Straight with edge	Straight with edge	Straight with edge	Straight with edge	Straight with edge
Autoclavable	No	No	Yes	Yes	Yes	Yes
Max centrifugal speed (g)	5000	5000	3000	3000	3000	3000
Skirt	No					
Graduation	Yes	Yes	No	Yes; increment 0.1 ml	No	Yes; increment 0.2 ml
Marking area	No					
Colour	Translucent					
Operating temperature	-	-	-	-10 °C to +120 °C	-	-10 °C to +120 °C
Units/box	2000 tubes	2000 tubes	500 tubes	100 tubes	500 tubes	100 tubes
Cat. No. tube only	**390024**	**390030**	**391213**	**391215**	**391214**	**391216**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Conical bottom wth cap



Volume (ml)	10	
out. Ø (mm)	21	15
Height without cap (mm)	82	57
Height with cap (mm)	-	60
Material	Polypropylene	
Sterile	Yes	No
Bottom	Conical	
Caps	Yes	
Cap Type	Inner model	Tamper-proof clip
Type of neck	Straight	Straight with edge
Autoclavable	No	Yes
Max centrifugal speed (g)	3000	-
Skirt	No	Yes
Graduation	No	Yes (1 ml increments)
Marking area	No	
Colour	Translucent	
Operating temperature	-20 °C to +120 °C	-90 °C to +121 °C
Specifications	-	Tamper-proof closure: press firmly on the cap to close the tube tamper-evidently, a flange slides under the neck of the tube (to open the tube you have to break the seal)
Units/box	5 bags of 250 tubes	Bag of 250 tubes
White cap Cat. No.	**-**	**442307**
Red cap Cat. No.	**080014**	**-**
Blue cap Cat. No.	**-**	**442305**
Pink cap Cat. No.	**-**	**442306**
€/box	**N/A -**	**N/A -**

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POLYPROPYLENE/POLYSTYRENE TUBES, STRAIGHT NECK

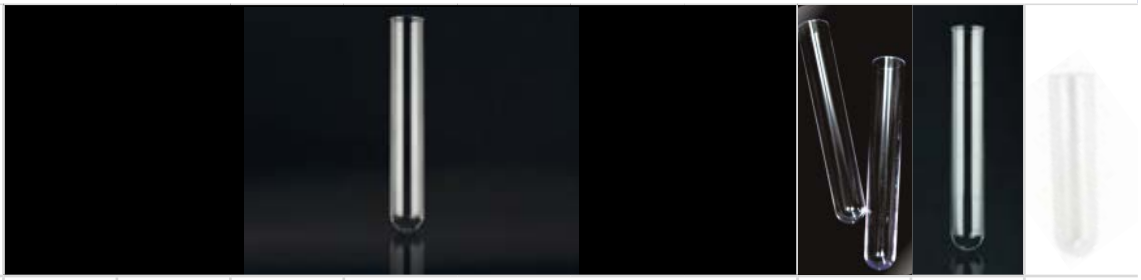
Polypropylene tubes, straight neck with flat bottom



Volume (ml)	3	5
out. Ø (mm)	12	16
Height without cap (mm)	56	60
Material	Polypropylene	
Sterile	No	
Bottom	Flat	
Caps	Without	
Type of neck	Straight with edge	Straight with edge
Autoclavable	No	No
Max centrifugal speed (g)	5000	5000
Skirt	No	
Graduation	Yes	Yes
Marking area	No	
Colour	Translucent	
Operating temperature	-	-
Units/box	Bag of 600 tubes	Bag of 3500 tubes
Cat. No. tube only	**390025**	**390028**
€/box	**N/A -**	**N/A -**

Polystyrene tubes, straight neck with round bottom without cap

Round bottom
Without cap



Volume (ml)	0.8	1.6	2.5	3				3.5	4	4.9
out. Ø (mm)	6.5	8	10	11.5	11	12	12	12	10	12
Height (mm)	38	50	50	55	70	55	50	75	75	75
Material	Polystyrene									
Sterile	No									
Bottom	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded	Rounded with internal rib
Type of neck	Straight									
Autoclavable	No									
Max centrifugal speed (g)	-	8200	8200	2500	2500	-	8200	-	8200	-
Skirt	No									
Graduation	No									
Marking area	No									
Colour	Transparent									
Operating temperature	+20 °C to +90 °C									
Specifications	-	-	-	-	Tube for R.I.A	-	-	-	-	Ribbing at the bottom of the tube increases the surface area; ideal for coating with antibodies and/or protein adsorption
Units/box	Bag of 100 tubes	Bag of 1000 tubes	Bag of 1000 tubes	12 bags of 500 tubes	24 bags of 250 tubes	Bag of 1000 tubes	Bag of 1000 tubes	6 bags of 500 tubes	Bag of 1000 tubes	Bag of 1000 tubes
Cat. No. tube only	**080048**	**064314**	**064315**	**390000**	**390001**	**380638**	**064316**	**483036**	**064318**	**064320**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Polystyrene straight-neck tubes with round bottom without cap

Round bottom
Without cap



Volume (ml)	5										
out. Ø (mm)	12	12	12.8	13	12	12	12	13	13	13	12
inn. Ø (mm)	10	-	10.9	11	-	-	-	-	-	-	-
Height without cap (mm)	74.5	75	75	75	86	75	75	75	75	75	86
Material	Polystyrene										
Sterile	No										
Bottom	Rounded										
Type of neck	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight	Straight with edge	Straight with edge
Autoclavable	No										
Max centrifugal speed (g)	-	8200	-	-	-	2500	2500	2500	2500	2500	2500
Skirt	No										
Graduation	No	No	No	No	No	No	No	No	No	Yes	Yes
Marking area	No										
Colour	Transparent										
Operating temperature	+20 °C to +90 °C										
Specifications	-	-	-	-	-	Sorvall tube	Sorvall tube	-	-	-	-
Units/box	4 bags of 1000 tubes	Bag of 1000 tubes	5 bags of 500 tubes	4 bags of 1000 tubes	Bag of 1000 tubes	16 bags of 250 tubes	Bag of 4000 tubes	16 bags of 250 tubes	Bag of 4000 tubes	Bag of 4500 tubes	Bag of 4000 tubes
Cat. No. tube only	**390597**	**064321**	**080053**	**390588**	**380637**	**390002**	**390003**	**390004**	**390005**	**390012**	**390013**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Round bottom
Without cap



Volume (ml)	6	7			8		
out. Ø (mm)	16	13	13	13	13	13	16
inn. Ø (mm)	-	-	-	11	-	-	-
Height without cap (mm)	65	100	100	100	100	100	75
Material	Polystyrene						
Sterile	No						
Bottom	Rounded						
Type of neck	Straight						
Autoclavable	No						
Max centrifugal speed (g)	-	-	-	-	8200	-	-
Skirt	No						
Graduation	No						
Marking area	No						
Colour	Transparent						
Operating temperature	+20 °C to +90 °C						
Units/box	4 bags of 500 tubes	4 bags of 400 tubes	Bag of 3000 tubes	6 bags of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes	2 bags of 500 tubes
Cat. No. tube only	**483034**	**483039**	**390006**	**080049**	**064322**	**380639**	**380641**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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POLYSTYRENE TUBES, STRAIGHT NECK

Polystyrene tubes, straight neck with round bottom without cap

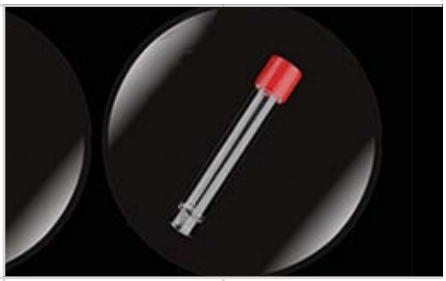
Round bottom Without cap



Volume (ml)				10				11	16	19	21
out. Ø (mm)	16	16	16	16	16	16	16	16	17	16	16
inn. Ø (mm)	-	-	-	-	-	-	14	13.8	-	-	-
Height without cap (mm)	100	100	100	100	100	100	100	100	100	125	150
Material	Polystyrene										
Sterile	No										
Bottom	Rounded	Rounded	Conical	Rounded	Rounded	Conical	Rounded	Rounded	Rounded	Rounded	Rounded
Type of neck	Straight	Straight	Straight	Straight	Straight with edge	Straight with edge	Straight	Straight	Straight	Straight	Straight
Autoclavable	No										
Max centrifugal speed (g)	-	2500	2500	2500	2500	2500	-	-	8200	8200	8200
Skirt	No										
Graduation	No	Yes	Yes	No	Yes	Yes	Yes	No	No	No	No
Marking area	No										
Colour	Transparent										
Operating temperature	+20 °C to +90 °C										
Specifications	-	-	-	Increased thickness	-	-	-	-	-	-	-
Units/box	5 bags of 250 tubes	Bag of 2000 tubes	Bag of 2000 tubes	Bag of 2000 tubes	Bag of 2000 tubes	Bag of 2000 tubes	4 bags of 500 tubes	5 bags of 500 tubes	Bag of 1000 tubes	Bag of 1000 tubes	Bag of 1000 tubes
Cat. No. tube only	**483037**	**390007**	**390008**	**390009**	**390015**	**390016**	**390679**	**349016**	**064324**	**064326**	**064329**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Polystyrene tubes, straight neck, round bottom with cap

Round bottom With cap



Volume (ml)	7	17
out. Ø (mm)	13	16.3
inn. Ø (mm)	11	14.6
Height without cap (mm)	99	151
Material	Polystyrene	
Sterile	Yes	
Bottom	Rounded	
Caps	Yes	
Cap Type	Plug cap	
Type of neck	Straight	
Autoclavable	No	
Skirt	No	
Graduation	No	
Marking area	No	
Colour	Transparent	
Operating temperature	+20 °C to +90 °C	
Units/box	4 bags of 375 tubes	2 bags of 500 tubes
Cat. No. red cap	**080082**	**080211**
€/box	**N/A -**	**N/A -**

Polystyrene Tubes, straight neck

Conical bottom Without cap



Volume (ml)	10	12		4.5
out. Ø (mm)	16	-	-	12
Height without cap (mm)	100	-	-	75
Material	Polystyrene			
Sterile	No			
Bottom	Conical			
Type of neck	Straight	Large	Large	Straight
Autoclavable	No			
Max centrifugal speed (g)	2500	2500	2500	8200
Skirt	No			
Graduation	No	Yes	Yes	No
Marking area	No			
Colour	Transparent			
Operating temperature	+20 °C to +90 °C			
Specifications	Increased thickness	-	Bottom for sediment collection	-
Units/box	Bag of 2000 tubes	Bag of 1500 tubes	Bag of 1500 tubes	Bag of 1000 tubes
Cat. No. tube only	**390010**	**390031**	**390032**	**064197**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

POLYSTYRENE/POLYCARBONATE/PMP/PMMA TUBES, STRAIGHT NECK

Polystyrene Tubes, straight neck

Flat bottom
Without cap



Volume (ml)	3	5
out. Ø (mm)	12	16
Height without cap (mm)	56	60
Material	Polystyrene	
Sterile	No	
Bottom	Flat	
Type of neck	Straight with edge	
Autoclavable	No	
Max centrifugal speed (g)	2500	
Skirt	No	
Graduation	Yes	
Marking area	No	
Colour	Transparent	
Operating temperature	+20 °C to +90 °C	
Units/box	Bag of 6000 tubes	Bag of 3500 tubes
Cat. No. tube only	**390011**	**390014**
€/box	**N/A -**	**N/A -**

Polycarbonate Tubes, straight neck

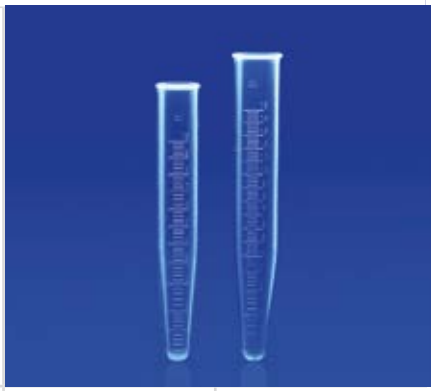
Round bottom
Without cap



Volume (ml)	50	100	
out. Ø (mm)	35	41	45
Height without cap (mm)	98	115	98
Material	Polycarbonate		
Sterile	No		
Bottom	Rounded		
Type of neck	Straight		
Autoclavable	Yes		
Max centrifugal speed (g)	5000		
Skirt	No		
Graduation	No		
Marking area	No		
Colour	Transparent		
Operating temperature	-100 to +135 °C		
Packaging	Bag of 10 tubes		
Tube only	**091439**	**091440**	**091441**
€/box	**N/A -**	**N/A -**	**N/A -**

PMP Tubes, straight neck

Conical bottom
Without cap



Volume (ml)	10	15
out. Ø (mm)	16	18
Height without cap (mm)	107	118
Material	TPX	
Sterile	No	
Bottom	Conical	
Type of neck	Straight with edge	
Autoclavable	Yes	
Skirt	No	
Graduation	Yes (0.1 ml increments)	Yes (0.2 ml increments)
Marking area	No	
Colour	Transparent	
Operating temperature	0 °C to +120 °C	
Units/box	Bag 50 tubes	
Cat. No. tube only	**391217**	**391218**
€/box	**N/A -**	**N/A -**

PMMA Tubes, straight neck

Round bottom
Without cap



Volume (ml)	5		10
out. Ø (mm)	13	12	16
Height (mm)	75	86	100
Material	PMMA		
Sterile	No		
Bottom	Rounded		
Type of neck	Straight with edge		
Autoclavable	No		
Max centrifugal speed (g)	2500	2500	-
Skirt	No		
Graduation	No		
Marking area	No		
Colour	Glass-like transparency		
Operating temperature	- 20 to +85 °C		
Packaging	Bag of 4500 tubes	Bag of 4000 tubes	Bag of 2000 tubes
Tube only	**390033**	**390034**	**390171**
€/box	**N/A -**	**N/A -**	**N/A -**

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CAPS

TIP

To choose the right cap: measure the internal diameter of the tube for inverted caps and the external diameter for capping caps

Caps for 12 and 17 mm tubes

Simport



For tubes Ø (mm)	12	17
Units/box	Box of 4000 caps	4 bags of 1000 caps
White	**039974**	**039398**
Yellow	**039975**	**039397**
Red	**039973**	**039395**
Green	**039972**	**039394**
Blue	**039971**	**039396**
Natural	**039970**	-
€/box	**N/A -**	**N/A -**

Re-entrant caps

Thermo SCIENTIFIC nunc



For tubes Ø (mm)	11	12	15
Units/box	6 bags with 600 Plugs	6 bags with 500 Plugs	8 bags with 300 Plugs
Natural	**056045**	**056047**	**056050**
€/box	**N/A -**	**N/A -**	**N/A -**

Double position cap

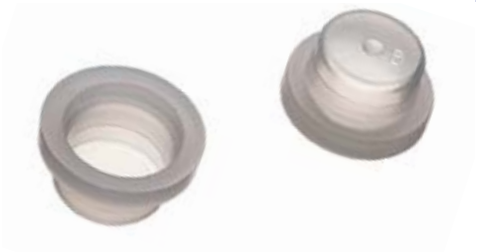
labcon



For tubes Ø (mm)	12	17
Units/box	3 bags of 1000 caps	Bag of 1000 caps
Natural	**949919**	**949958**
€/box	**N/A -**	**N/A -**

Re-entrant caps

labcon



For tubes Ø (mm)	17
Units/box	2 bags with 500 Plugs
Natural	**949877**
€/box	**N/A -**

Caps



For tubes Ø (mm)	outer Ø 16 mm and inner Ø 13.5 mm
Packaging unit	500
Units/box	12
White	**483041**
€/box	**N/A -**

Plug cap

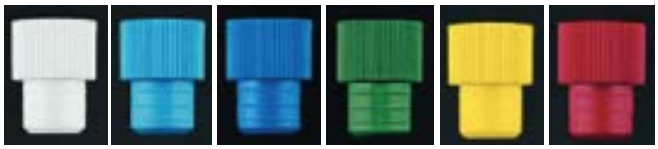
labcon



For tubes Ø (mm)	12	
Units/box	3 bags of 1000 caps	6 bags of 500 caps
White	**949921**	-
Yellow	**949922**	-
Red	**949923**	-
Green	**949926**	-
Blue	**949925**	-
Natural	**949920**	-
Assorted	-	**949927**
€/box	**N/A -**	**N/A -**

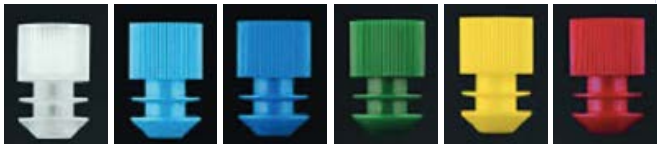
Polyethylene stoppers

For tubes Ø (mm)	11	12-13	16
Units/box	Bag of 6000 caps	Bag of 4000 caps	Bag of 4000 caps
Neutral	**390101**	-	-
White	-	**390065**	**390071**
Yellow	-	**390069**	**390075**
Red	-	**390070**	**390076**
Green	-	**390068**	**390074**
Blue	-	**390067**	**390073**
Sky Blue	-	**390066**	**390072**
€/box	N/A -	N/A -	N/A -



Polyethylene winged caps

For tubes Ø (mm)	12	13	16
Units/box	Bag of 1000 caps		
Natural	**390077**	**390084**	**390091**
White	**390078**	**390085**	**390092**
Yellow	**390082**	**390089**	**390096**
Red	**390083**	**390090**	**390097**
Green	**390081**	**390088**	**390095**
Blue	**390080**	**390087**	**390094**
Light blue	**390079**	**390086**	**390093**
€/box	N/A -	N/A -	N/A -



Polyethylene stoppers

Top of the flat cap

For tubes Ø (mm)	8	10	12	17
Units/box	1000			
Natural	**064331**	**064332**	**064333**	**064334**
€/box	N/A -	N/A -	N/A -	N/A -



Top of the hollow cap

For tubes Ø (mm)	8	10	11	12	13	16	17
Units/box	Bag of 1000 caps						
Natural	-	**064336**	**064337**	-	-	-	-
White	-	-	-	**064343**	-	-	-
Yellow	-	-	-		**064344**	-	-
Red	-	-	-	**064342**	-	**064345**	-
Green	**064335**	-	-	**064340**	-	-	-
Blue	-	-	-	**064338**	-	-	**064346**
Lavender	-	-	-	**064341**	-	-	-
Orange	-	-	-	**064339**	-	-	-
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



Polyethylene caps for tubes

- **Made of polyethylene**
- **Flexible**
- **Not autoclavable**



Winged caps

For tubes Inn. ø (mm)	For tubes Out. ø (mm)	Natural	Units/ bag	€/ bag	White	Blue	Red	Green	Yellow	Black	Pink	Units/ bag	€/ bag
10	12	**030581**	3000	N/A -	**080151**	**030582**	**030583**	**030584**	**030585**	**030586**	**030587**	3000	N/A -
11	13	**307102**	2000	N/A -	**030588**	**030589**	**030591**	**030592**	**030593**	**030594**	-	2500	N/A -
13.5	16	**305502***	2500	N/A -	**030595**	**030596**	**080131**	-	-	-	-	1500	N/A -
15	17-18	**307202**	2500	N/A -	-	-	-	-	-	-	-	-	-

* Cat. No. 305502: for tube int. ø (mm): 14.5 mm

Re-entrant caps

For tubes Inn. ø (mm)	For tubes Out. ø (mm)	Natural	Units/ bag	€/ bag	White	Units/ bag	€/ bag
9	11	-	-	-	**030556**	1000	N/A -
11	13	**080149**	2500	N/A -	**030563**	4000	N/A -
13.5	16	-	-	-	**030569**	2000	N/A -



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CAPS

Polyethylene stoppers



For tubes Ø (mm)	Blue	Natural	Green	Lavender	Orange	Red	White	Yellow	€ 1000 units
11	-	380616	-	-	-	-	-	-	N/A -
12	380617	380618	380619	380620	380621	380622	380623	380624	N/A -
16	380626	-	380627	-	-	380628	380625	380629	N/A -
16*	-	-	-	-	-	-	380630	-	N/A -
17	-	-	-	-	-	-	380631	-	N/A -

* high grip

Winged caps



- Made of polyethylene

For tubes Ø (mm)	Natural	Blue	Red	Green	Yellow	Units/ bag	€/ bag
11 - 13	391599	391545A	391600	391601	391602	1000	N/A -
15 - 17	391594	391595	391596	391597	391598	1000	N/A -

Universal Straight caps



- Polyethylene, non-autoclavable
- Easy to position with one hand
- For tubes with 12 to 16 mm Ø
- Fits on the outside of 12 and 13 mm tubes and on the inside of 16 mm tubes
- Protect the sample from contamination

Blue	Black	Green	Grey	Lavender	Natural	Red	Yellow	€ 1000 uni.
040237	040238	040239	040240	040241	040242	040243	040244	N/A -

Universal caps for 12 - 16 mm tubes



- Straight caps, suitable for most 12, 13 or 16 mm Ø tubes
- Fits on the outside of 12 and 13 mm Ø tubes and on the inside of 16 mm Ø tubes
- Polyethylene, non-autoclavable
- Adjusted tube closure

Grey	Blue	Natural	Green	Black	Lavender	Yellow	€ 1000 uni.
040240	040237	380545	040239	040238	040241	040244	N/A -

CAPS

Snap caps with tab

- Made of polyethylene
- For plastic or glass tubes
- Easy to open thanks to the grip tab



ø (mm)	Tab	Grey	Blue	Natural	Green	Lavender	Red	White	Yellow	€ 1000 uni.
12 - 13	1	380527	380528	380529	380530	380531	380532	380533	380534	N/A -
16	1	380535	380536	380537	380538	380539	380540	380541	380542	N/A -
12	2	-	380596	380597	380598	380599	380600	-	380601	N/A -
13	2	380602	380603	380604	380605	380606	380607	-	380608	N/A -
16	2	380609	380610	380611	380612	380613	380614	-	380615	N/A -

Drillable caps

- The material used does not interfere with common chemicals or coagulation
- Can be used at room temperature, at 4 °C or in the freezer at -20 °C
- For tube with outer Ø 12-13 mm or 16 mm
- In santoprene
- Single use
- Can be applied with one hand
- Can be drilled with a needle



Colour	For 12 - 13 mm tubes	For 16 mm tubes
Blue	040245	040252
Green	040246	040253
Gray	040247	040254
Lavender	040248	040255
Red	040249	040256
White	040250	040257
Yellow	040251	040258
€ 1000 units	N/A -	N/A -

Autoclavable vented caps

Polypropylene caps, autoclavable, with internal ventilation lug. Reusable



Tube ø (mm)	Units/ box	Natural	€/ box	Red	Green	Yellow	Blue	Units/ box	€/ box
13	500	045082	N/A -	045088	045094	065100	065105	500	N/A -
16	500	045083	N/A -	045089	045095	065101	065106	500	N/A -
16	1000	140434	N/A -	140436	140439	140437	140438	1000	N/A -
18	500	045084	N/A -	045090	045096	065102	065107	500	N/A -
20	250	045085	N/A -	045091	045097	065103	065108	250	N/A -
25	250	045086	N/A -	045092	045098	065104	065109	250	N/A -
38	125	045087	N/A -	-	-	-	-	-	-

Double position caps

Simport

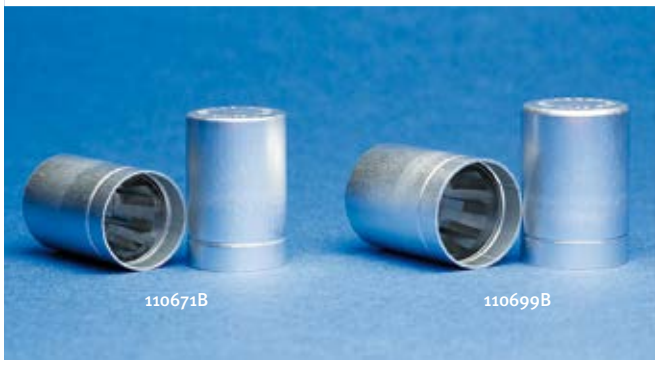
- For bacteriology tubes
- Closed position: anaerobic environment / open position: aerobic environment
- Made of polyethylene

Cat. No.	Double position cap	Units/ box	€/ box
039387	For polystyrene tube 12 mm Ø	1000	N/A -
039388	For polypropylene tube 12 mm Ø	1000	N/A -
039269	For polystyrene tube 17 mm Ø	1000	N/A -
039389	For polypropylene tube 17 mm Ø	1000	N/A -

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CAPS

CAP O TEST caps



- In aluminium, and anodised aluminium for the coloured models
- With or without handle on the cap
- Sterilisable up to 140 °C
- For non-hermetic sealing of bottles
- With three internal clamps on the neck of the bottle or tube

With handle

Cap O Test	Silver	Blue	Red	Units/ box	€/ box
15/16	110668B	110669B	110670B	100	N/A -
17/18	110671B	110672B	110673B	100	N/A -
19/20	110674	110675	-	100	N/A -

Without handle

Cap O Test	Silver	Blue	Red	Yellow	Green	Black	Units/ box	€/ box
9/10	110677B	110678B	110679B	-	-	-	100	N/A -
12/13	110680B	110681B	110682B	110683	110684	-	100	N/A -
14/15	110685B	110686B	110687B	-	-	-	100	N/A -
15/16	110688B	110689B	110690B	110691	110692	110693	100	N/A -
17/18	-	110695B	110696B	110697	110698	-	100	N/A -
19/20	110699B	110700B	110701B	-	-	-	100	N/A -
21/23	110702B	110703B	110704B	-	-	-	100	N/A -
24/26	110705B	110706B	110707B	-	-	-	100	N/A -
28/30	110708B	110709B	110710B	-	-	-	100	N/A -
37/39	110716	110717	110718	-	-	-	50	N/A -

Caps for erlens



- In aluminium, and anodised aluminium for the coloured models
- Sterilisable up to 140 °C
- For non-hermetic sealing of bottles
- With three internal clamps on the neck of the bottle or tube

Aluminium cap	Collar	Silver	Blue	Red	Units/ box	€/ box
37/39	Without	110546	110551	110556	10	N/A -

Alu-Steck caps



- Pure aluminium, matt finish
- Sterilisable up to 140 °C
- Without spring
- Fits over flasks for sterile but not hermetic closure
- Also used as aluminium containers

Cat. No.	Ø Inner (mm)	Height (mm)	Units/ box	€/ box
110561	11	25	100	N/A -
110562	12	25	100	N/A -
110563	13	25	100	N/A -
110564	14	25	100	N/A -
110565	15	25	100	N/A -
110566	16	30	100	N/A -
110567	17	30	100	N/A -
110568	18	30	100	N/A -
110569	20	30	100	N/A -
110570	22	30	100	N/A -
110571	28	30	100	N/A -
110572	32	30	100	N/A -
110573	39	30	10	N/A -
110574	44	40	10	N/A -
110575	48	40	10	N/A -
110576	55	40	10	N/A -
110577	58	40	10	N/A -

Silicone Caps for aerobic culture

- Alternative to single-use cellulose caps
- Reusable, easily sterilised in autoclave or with a hot air gun
- Usable for about 10 000 hours; withstands about 3 000 autoclaves
- Porous structure on the gooseneck principle
- Air permeability equivalent to cellulose wadding
- No influence on PH
- Can be used in dry air up to 200 °C
- No growth of micro-organisms on or in the cap
- Excellent chemical and thermal resistance

Silicosen silicon caps types T, L and S

Cat. No.	Dimensions (mm)				For neck ø (mm)	Colour	Units/ box	€/ box
	d1	d2	l1	l2				
T-type caps								
080400	10	6	13	17	6/9	Pink	10	N/A -
080401	12	9	13	17	9/11	Pink	10	N/A -
080402	15	11	15	20	11/14	Pink	10	N/A -
080403	17	13	11	30	13/16	Pink	10	N/A -
080404	19	15	12	30	15/18	Pink	10	N/A -
080405	22	18	15	30	18/21	Pink	10	N/A -
080406	24	20	20	35	20/23	Pink	10	N/A -
080407	32	22	20	40	22/30	Pink	10	N/A -
080408	42	30	35	55	30/40	Pink	10	N/A -
080409	52	40	40	60	40/50	Pink	10	N/A -
Type L caps								
080420	12	9	40	10	9/11	Pink	10	N/A -
080421	17	13	30	20	13/16	Pink	10	N/A -
080422	22	18	30	30	18/21	Pink	10	N/A -
Type S caps								
080440	28	17	18	27	17/26	Green	10	N/A -
080441	35	24	20	30	24/33	Green	10	N/A -
080442	39	28	20	30	28/38	Green	10	N/A -

Silicosen caps type C

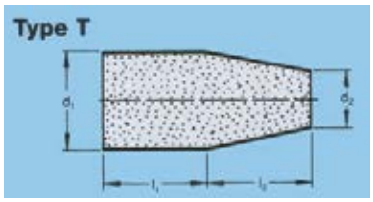
Cat. No.	Dimensions (mm)				For neck ø (mm)	Colour	Units/ box	€/ box
	d1	d2	d3	l1				
Type C caps								
080430	16	12	20	28	15/20	Pink	10	N/A -
080431	26	18	30	28	20/30	Pink	10	N/A -
080432	36	27	40	28	30/40	Pink	10	N/A -
080433	50	34	55	28	40/55	Pink	10	N/A -

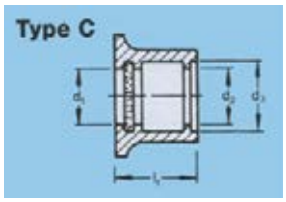
Biosilico Caps for culture tubes and flasks

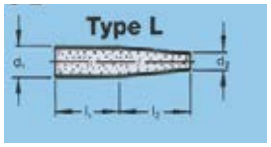
Unlike Siliconen caps, Biosilico caps allow gas exchange on all sides.

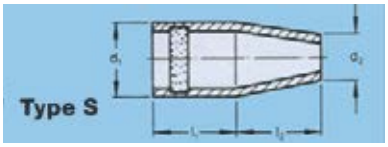
Cat. No.	Dimensions (mm)				For neck ø (mm)	Colour	Units/ box	€/ box
	d1	d2	l1	l2				
080450	13	9	13	17	9/11	Orange	10	N/A -
080451	16	11	14	22	11/14	Orange	10	N/A -
080452	19	13	15	25	13/16	Orange	10	N/A -
080453	21	15	16	28	15/18	Orange	10	N/A -
080454	24	18	18	30	18/21	Orange	10	N/A -
080455	25	20	20	32	20/23	Orange	10	N/A -
080456	34	22	24	36	22/30	Orange	10	N/A -
080457	44	30	32	46	30/40	Orange	10	N/A -
080458	54	40	36	50	40/50	Orange	10	N/A -

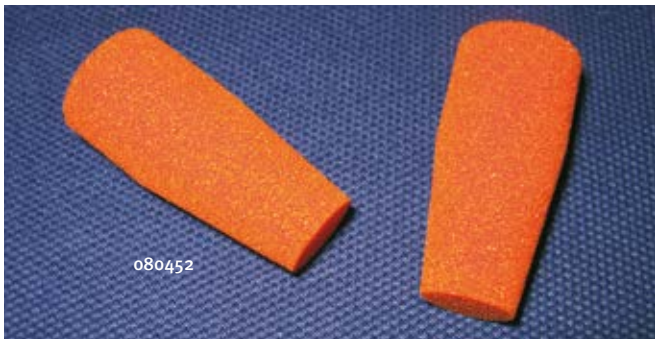












All prices are indicative and exclude VAT. Visit www.dulis.nl

"Steristopper®" sterilisation caps



- Slightly ductile cellulose caps
- Air permeable
- Single use, non-sterile
- Sterilisable by autoclaving up to 200 °C
- Designed for work in microbiology and tissue culture
- Adaptable to test tubes, bacteriology tubes, Erlenmeyer flasks, round flasks and flasks according to size
- Can be fitted hermetically by simply pressing in the neck of the container

P: Passform/ D: Thin / K: short / LD: Long and thin / L: long / L.V.U.: hole in bottom
D: thick / DD: double thickness

Cat. No.	Type	Ø Top (mm)	Ø Bottom (mm)	Height (mm)	For bottles with inner ø (mm)	Units/ box	€/ box
020318	4	8	6	28	6.5 - 7.0	5000	N/A -
020319	5 S	9	5.9	29	5.5 - 6.5	5000	N/A -
020320	5 SK	7	4.5	29	4.5 - 6.5	5000	N/A -
020321	6 F	8	6.5	30	6.5 - 7.5	5000	N/A -
020322	7	9.5	8	31	8.5 - 9.5	2000	N/A -
020323	7D	9	7	29	7.5 - 8.5	4000	N/A -
020324	8	9	9	30	9.5	2000	N/A -
020325	8P Univ.	13	8	34	7.5 - 10.5	2000	N/A -
020326	9	12	10	28	10.5 - 11.5	2000	N/A -
020327	9 P	13	9	29	9.0 - 10.5	2000	N/A -
020328	9 K	11	7	26	8.5 - 10.2	2000	N/A -
020329	9 D	10.5	6	29	7.0 - 9.5	2000	N/A -
020330	10	18	9	30	9.5 - 11.5	1000	N/A -
020331	11	16	13	39	12.0 - 14.5	1000	N/A -
020332	12	15	11	30	11.5 - 13.5	1000	N/A -
020333	12 P	15	11	30	11.5 - 13	1000	N/A -
020334	12.5	13	10	26	10.5 - 12.5	1000	N/A -
020335	13	17	13	35	12.5 - 14.5	1000	N/A -
020336	13 H	14	10	33	12.5 - 13.5	1000	N/A -
020337	13.5 P	19	13	33	13.5 - 14.5	1000	N/A -
020338	14	16	12	40	13.0 - 14.5	1000	N/A -
020339	14 P[1]	16	12	36	12.0 - 14.0	1000	N/A -
020340	14 D	15	12	35	11.5 - 13	1000	N/A -
020341	14 LF	18	14	55	14.0 - 16.0	4000	N/A -
020342	14 LD	16	11	51	12.0 - 14.5	4000	N/A -
020343	14 L.V.U.	-	-	-	13.0 - 14.5	1000	N/A -
020344	14.5	17	13	35	14.0 - 16.0	1000	N/A -
020345	15	18	14	39	13.5 - 15.5	500	N/A -
020346	15 P[2]	19	13	40	14.0 - 16.5	5000	N/A -
020347	15 PB	19	13	45	14.5 - 15.5	4000	N/A -
020348	15 P long	19	15	47	14.7 - 15.5	4000	N/A -
020349	15 D	19	14	40	13.5 - 16.0	5000	N/A -
020350	15E	19.5	16	35	15.5 - 17	5000	N/A -

1: for thick-walled tubes; 2: for thin-walled tubes

Cat. No.	Type	Ø Top (mm)	Ø Bottom (mm)	Height (mm)	For bottles with inner ø (mm)	Units/ box	€/ box
020351	15 DD	18	15	37	14.0 - 16.5	5000	N/A -
020352	15 L.V.U.	-	-	-	13.5 - 15.5	1000	N/A -
020353	16	20	17	40	16.5 - 18	5000	N/A -
020354	17	18	12	33	13.0 - 16.0	1000	N/A -
020355	18	21	16	36	17.5 - 18.5	500	N/A -
020356	18 P Univ.	22	16	40	17.5 - 19.5	500	N/A -
020357	18D	21	18	36	17.5 - 19.5	500	N/A -
020358	18 long	21	15	51	17 - 19	3000	N/A -
020359	19	25	17	42	19.0 - 22	2500	N/A -
020360	20[3]	23	21	42	20.5 - 22	400	N/A -
020361	20 M	23	19	43	18.5 - 19.5	500	N/A -
020362	20 P	25	20	38	19.0 - 22.5	2500	N/A -
020363	20 A	25	20	35	20.5 - 22.5	500	N/A -
020364	21.5	24	12	45	17.5 - 21.5	3000	N/A -
020365	22 K	25	20	31	21.5 - 23	500	N/A -
020366	22 L	26	22	49	22 - 24	2000	N/A -
020367	23.5 P	30	25	40	25 - 27	2000	N/A -
020368	26	22	24	42	26 - 27	2000	N/A -
020369	27	35	25	53	27 - 32.5	1000	N/A -
020370B	29[4]	37	29.5	64	29.5 - 31	850	N/A -
020371	29 A	30	25	40	29.0 - 30.0	1500	N/A -
020372	29 K	28	24	31	26.0 - 27.0	2500	N/A -
020373	32	36	32	64	32.5 - 35.0	800	N/A -
020374	32 P[5]	49	30	54	32.0 - 33.0	750	N/A -
020375	32 PD	49	30	54	30.0 - 32.5	750	N/A -
020376	34	38	33	63	33.5 - 36.5	750	N/A -
020377	36	40	36	58	35.5 - 39.5	600	N/A -
020378	37	46	39	59	37.5 - 41.5	600	N/A -
020379	38	48	38	60	40.0 - 43.5	500	N/A -
020380	40 P	55	42	58	42.0 - 46.5	500	N/A -
020381	45 P	60	45	66	47.0 - 48.0	300	N/A -
020382	60 P	74	55	74	57.0 - 60.0	200	N/A -

3: for small erlens; 4: for large erlens; 5: Passform for "euro-neck" bottle
NB: measurements given as an indication, may vary slightly.

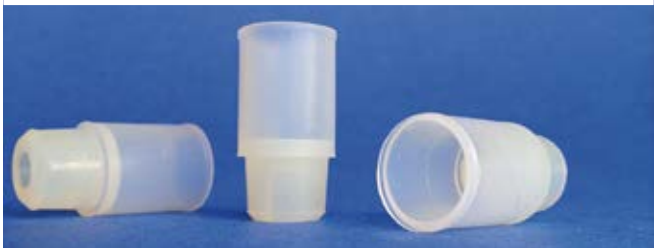
Folding skirt caps



- Rubber cap
- With folding skirt

Cat. No.	Ø (mm)	Units/ box	€/ box
110600	7.1	100	N/A -
110601	10.2	50	N/A -
110602	14.9	20	N/A -
110603	19.4	20	N/A -
110604	30.7	5	N/A -
110605	23.7	10	N/A -
110606	15.9	20	N/A -
110607	12.7	50	N/A -

Multi-purpose silicone caps



Cat. No.	H / H (mm)	Ø Bottom (mm)	Units/ box	€/ box
391200	9/8	7	30	N/A -
391201	14/8	10	30	N/A -
391202	20/10	13	30	N/A -
391203	20/10	15	20	N/A -
391204	20/11	16	20	N/A -
391205	18/12	20	10	N/A -
391206	25/17	24	10	N/A -
391207	28/22	31	5	N/A -

Rubber or silicone versilic caps





Grey-blue rubber cap

- Natural rubber caps for closing tubes and bottles
- Truncated cone shape
- Can be used from -35 to +70 °C

Versilic Silicone cap

- Biologically neutral and non-toxic silicone caps for closing tubes and flasks
- Truncated cone shape
- Particularly suitable for cell culture work
- Can be used from -60 °C to +200 °C

			Grey-blue rubber cap			Pre-punched grey-blue rubber cap					Versilic Silicone cap		
N°	Bottom ø x top ø (mm)	Height (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	No. of holes	ø (mm)	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
6D	3.5 x 6.5	15	260236	100	N/A -	-	-	-	-	-	260262	500	N/A -
8D	4 x 8	20	260237	100	N/A -	-	-	-	-	-	260263	500	N/A -
10D	5 x 9	20	260238	100	N/A -	-	-	-	-	-	260264	500	N/A -
13D	8 x 12	20	260239	50	N/A -	-	-	-	-	-	260265	500	N/A -
15D	10.5 x 14.5	20	260240	50	N/A -	-	-	-	-	-	260266	500	N/A -
16D	12.5 x 16.5	20	260241	50	N/A -	-	-	-	-	-	260267	250	N/A -
18D	14 x 18	20	260242B	250	N/A -	-	-	-	-	-	260268	250	N/A -
21D	17 x 22	25	-	-	-	-	-	-	-	-	260269	100	N/A -
24D	18 x 24	30	260244	50	N/A -	-	-	-	-	-	260270	50	N/A -
27D	21 x 27	30	260245	50	N/A -	-	-	-	-	-	260271	50	N/A -
29D	23 x 29	30	260246	50	N/A -	-	-	-	-	-	260272	50	N/A -
31D	26 x 32	30	260247	10	N/A -	-	-	-	-	-	260273	25	N/A -
34D	29 x 35	30	260248	10	N/A -	-	-	-	-	-	260274	25	N/A -
38D	31 x 38	35	-	-	-	-	-	-	-	-	260275	25	N/A -
41D	34 x 41	35	260250	20	N/A -	-	-	-	-	-	260276	25	N/A -
45D	36 x 44	40	260251	20	N/A -	211944	5	6.5	5	N/A -	260277	25	N/A -
49D	41 x 49	40	260252B	20	N/A -	260231	5	6.5	5	N/A -	260278	20	N/A -
54D	47 x 55	40	260253B	20	N/A -	-	-	-	-	-	260279	10	N/A -
60D	50.5 x 59.5	45	-	-	-	-	-	-	-	-	260280	10	N/A -
65D	56 x 65	45	260255	5	N/A -	-	-		-	-	260281	10	N/A -
70D	60 x 70	50	260256	5	N/A -	260424	5	10	5	N/A -	260282	5	N/A -
75D	64.5 x 75.5	55	260257	5	N/A -	260430	5	11.5	5	N/A -	260283	5	N/A -
83D	71 x 83	60	260258	5	N/A -	-	-	-	-	-	260284	5	N/A -
92D	72 x 92	65	260259	5	N/A -	-	-	-	-	-	260285	5	N/A -
100D	87 x 100	65	261044	3	N/A -	-	-	-	-	-	260286	5	N/A -
107D	94 x 107	65	260261	1	N/A -	-	-	-	-	-	260287	1	N/A -

Cork borer

Set of Cork borers

- In nickel-plated brass
- Comes with a sturdy rod for emptying leftover cap into the cutter

Cat. No.	Number of sizes	Hole Ø (mm)	€
810655	6	5 to 11	N/A -
810656	12	5 to 19	N/A -
942780	18	5 to 26	N/A -

Cork borer per unit

- In nickel-chromium

Cat. No.	Hole Ø (mm)	€
942781	5	N/A -
942782	6.2	N/A -
942783	7.5	N/A -
942784	8.8	N/A -
942785	10	N/A -
942786	11.2	N/A -

Cork borer sharpener

- Hardened steel blade
- Metal handle

Cat. No.	Description	€
810657	Cork borer sharpener 170 mm	N/A -


Set of Cork borers


Cork borer per unit


Cork borer sharpener

All prices are indicative and exclude VAT. Visit www.dulis.nl

STEEL CAPS/RACKS

*Cork caps



- For many uses
- Different Ø available



Cat. No.	Lower Ø (mm)	Upper Ø (mm)	Height (mm)	Units/ box	€/ box
764015	3	6	16	100	N/A -
764016	5	8	16	100	N/A -
764017	5	9	17	100	N/A -
764018	8	11	20	100	N/A -
764019	10	13	22	100	N/A -
764020	11	14	22	100	N/A -
764021	13	16	22	100	N/A -
764022	15	18	22	100	N/A -
764023	17	20	26	50	N/A -
764024	18	22	26	50	N/A -
764025	26	30	27	50	N/A -
764026	32	36	27	50	N/A -
764027	36	40	27	20	N/A -

Autoclavable stainless steel racks with RILSAN coating

Cat. No.	L x W x H (mm)	For tubes with ø (mm)	Number of tubes	€
805108*	207 x 103 x 25	11	5 x 10	N/A -
844038	72 x 55 x 55	13	4 x 3	N/A -
842068	107 x 40 x 55	13	2 x 6	N/A -
844068	108 x 72 x 55	13	4 x 6	N/A -
842128	206 x 40 x 55	13	2 x 12	N/A -
844128	206 x 72 x 55	13	4 x 12	N/A -
840108	172 x 172 x 55	13	10 x 10	N/A -
854038	100 x 78 x 65	16 - 18 - 20	4 x 3	N/A -
864038	100 x 78 x 100	16 - 18 - 20	4 x 3	N/A -
864068	150 x 100 x 100	16 - 18 - 20	4 x 6	N/A -
864128	296 x 100 x 100	16 - 18 - 20	4 x 12	N/A -
874128	348 x 122 x 100	22 - 25	4 x 12	N/A -
843288	280 x 110 x 90	30	3 x 8	N/A -

* Rack with side handles

Stainless steel racks



Cat. No.	L x W x H (mm)	For tubes with ø (mm)	Number of tubes	€
844061	108 x 72 x 55	13	4 x 6	N/A -
844121	206 x 72 x 55	13	4 x 12	N/A -
854031	100 x 78 x 65	16 - 18 - 20	4 x 3	N/A -
854061	150 x 100 x 65	16 - 18 - 20	4 x 6	N/A -
864061	150 x 100 x 100	16 - 18 - 20	4 x 6	N/A -
864121	296 x 100 x 100	16 - 18 - 20	4 x 12	N/A -
874061	176 x 122 x 100	22 - 25	4 x 6	N/A -
874121	348 x 122 x 100	22 - 25	4 x 12	N/A -
841121	205 x 20 x 50	Hemolysis tube	1 x 12	N/A -
843121	207 x 60 x 50	Hemolysis tube	3 x 12	N/A -
843201	291 x 54 x 50	45	1 x 6	N/A -

Half rack in epoxy steel



Small epoxy steel rack suitable for limited spaces: under the hood, in the water-bath, etc.
Available in 3 colours: green, blue or orange.

For tubes with ø (mm)	Capacity tubes	L x W x H (mm)	Green	Blue	Orange	€
10 to 13	36 (6 x 6)	110 x 130 x 62	086606	086609	-	N/A -
15 to 16	24 (6 x 4)	121 x 89 x 62	086607	086610	086613	N/A -
18 to 20	20 (5 x 4)	125 x 108 x 62	086608	086611	086614	N/A -

Epoxy steel rack

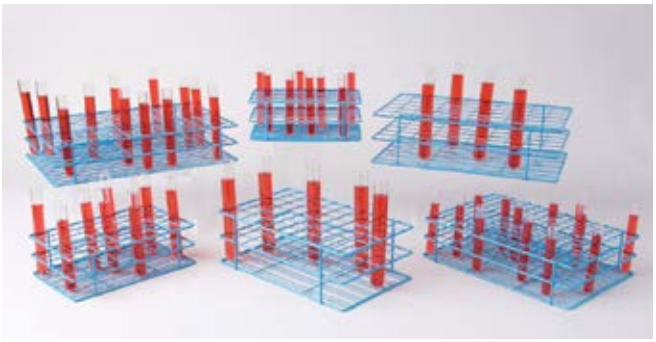
Cat. No.	L x W x H (mm)	For tubes (ø mm)	Capacity tubes	Colour	€
320109	205 x 105 x 65	13	6 x 12	Blue	N/A -
320717	204 x 161 x 65	13	9 x 12		N/A -
320718	200 x 83 x 59	16	4 x 10		N/A -
320719	237 x 127 x 65	16	4 x 12		N/A -
037774	241 x 188 x 65	16	6 x 12		N/A -
037773	241 x 188 x 65	16	9 x 12	Red	N/A -
320720	241 x 188 x 65	16	9 x 12	Blue	N/A -
037894	127 x 76 x 76	18	3 x 5		N/A -
320721	240 x 90 x 80	20	4 x 10		N/A -
320722	240 x 190 x 80	20	8 x 10		N/A -
320723	260 x 107 x 80	24	4 x 10		N/A -
320726	273 x 105 x 80	25	3 x 8		N/A -
320724	290 x 118 x 80	25	4 x 10		N/A -
320725	290 x 230 x 80	25	8 x 10		N/A -
320105	164 x 64 x 32	25	2 x 6		N/A -
320106	271 x 145 x 32	25	5 x 10		N/A -
037593	147 x 80 x 89	30	2 x 4		N/A -
320727	277 x 209 x 98	30	6 x 8		N/A -
320107	212 x 80 x 60	33	2 x 6		N/A -
320108	355 x 189 x 60	33	5 x 10		N/A -
320728	357 x 139 x 98	40	3 x 8		N/A -
320729	350 x 260 x 98	40	6 x 8		N/A -
320111	293 x 262 x 50	58	6 x 4		N/A -
037904	205 x 135 x 104	60	2 x 3		N/A -



Poxygrid racks for tubes

- Made of epoxy-coated steel wire
- Good chemical resistance
- Can be used from - 223 °C to 21 °C
- On three levels for good tube support (except the slanting rack)
- Autoclavable at 121 °C
- Reinforced corners
- Blue

Cat. No.	Number of tubes	For tubes with ø (mm)	L x W x H (cm)	€
088771	60	10-13	17.5 x 11.4 x 6.4	N/A -
088772	150	10-13	25.6 x 17.9 x 6.4	N/A -
088773	60	15-16	20.3 x 12.9 x 6.4	N/A -
088774	150	15-16	30.5 x 21 x 6.4	N/A -
086001	96	17	24.2 x 17 x 6.4	N/A -
088775	60	18-20	24.4 x 15.6 x 8.3	N/A -
088776	60	22-25	29.5 x 18.7 x 8.3	N/A -



Slanting rack

Cat. No.	Description	€
086685	Slanting rack for 8 tubes 50 ml or 30 mm Ø tubes	N/A -



Racks for 50 ml conical tubes

Autoclavable epoxy coated steel racks.
To hold 50 ml tubes of all brands: Falcon, Nunc, Corning, TPP, Greiner Bio-One (ø 30 mm).

Cat. No.	Description	L x W x H (mm)	€
045871	Rack for 8 tubes (4 x 2)	140 x 76 x 89	N/A -
045872	Rack for 36 tubes (6 x 6)	210 x 210 x 89	N/A -
045873	Rack for 16 tubes (4 x 4)	152 x 152 x 89	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

STEEL RACKS/ RACKS FOR VARIOUS TUBES

Racks for 15 ml conical tubes



Epoxy coated steel rack for 15 conical tubes 15 ml, 17 mm Ø, L x W x H: 127 x 76 x 76 mm.

Cat. No.	Description	€
045879	Rack for conical tubes 15 ml	N/A -

Poxygrid Rack

- For 4 x 500 ml conical tubes
- L x W x H: 203 x 203 x 76 mm
- Autoclavable at 121 °C



Cat. No.	Description	€
086716	Poxygrid Rack for 4 x 500 ml conical tubes	N/A -

Racks for hybridization tubes



Epoxy coated steel rack for hybridization tubes (ø ‹ 40 mm).

Cat. No.	Description	L x W x H (mm)	€
045875	Rack for 6 tubes (3 x 2)	137 x 200 x 127	N/A -

Racks for 250 ml centrifuge tubes



Autoclavable epoxy-coated steel rack to hold conical-bottom centrifuge bottles, type Corning, Falcon, Nunc.

- Volume: 250 ml
- ø: 60 mm

Cat. No.	Description	L x W x H (mm)	€
045874	Rack for 6 bottles (3 x 2)	208 x 102 x 135	N/A -

OneRack Polypropylene Rack



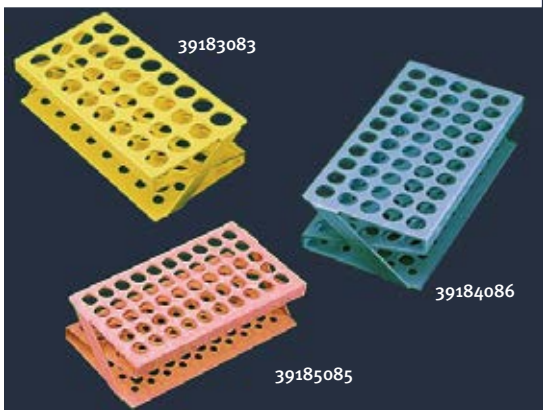
- Made of polypropylene and Delrin® (POM polyoxymethylene reinforced glass fibre)
- For tube drying
- 2 versions: single or double capacity

For tubes with ø (mm)	No. of tubes	Dimensions (mm)	White	Blue	Green	Pink	€
Made of Delrin®							
13	72	104 x 202 x 59	037811	037812	037813	037814	N/A -
16	72	127 x 250 x 70	037815	037816	037817	037818	N/A -
20	40	100 x 252 x 83	037819	037821	037822	037823	N/A -
25	40	120 x 300 x 92	037824	037825	037826	037827	N/A -
30	24	110 x 282 x 85	037828	037829	037831	037832	N/A -
13	36	104 x 104 x 59	037833	037834	037835	037836	N/A -
16	36	127 x 127 x 70	037837	037838	037839	037841	N/A -
20	20	100 x 127 x 83	037842	037843	037844	037845	N/A -
25	16	120 x 122 x 92	037846	037847	037848	037849	N/A -
30	9	110 x 110 x 85	037851	037852	037853	037854	N/A -
Made of polypropylene							
13	72	104 x 202 x 59	037885	037886	037887	037888	N/A -
16	72	127 x 250 x 70	037889	037891	037892	037893	N/A -

RACKS FOR VARIOUS TUBES

ABS racks S

For tubes with ø (mm)	No. of tubes	Dimensions (mm)	White	Yellow	Green	Pink	Blue	€
13	50	180 x 94 x50	39185082	39185083	39185084	39185085	39185086	N/A -
17	50	225 x 114 x 60	39184082	39184083	39184084	39184085	39184086	N/A -
21	32	225 x 114 x 60	39183082	39183083	39183084	39183085	39183086	N/A -



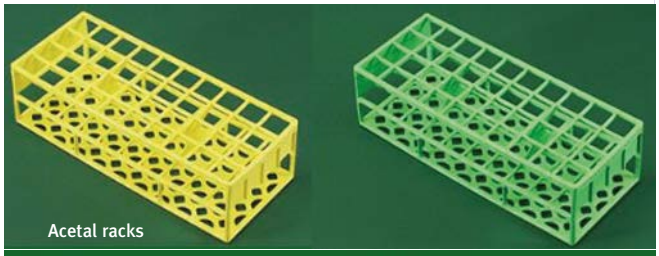
Square hole racks

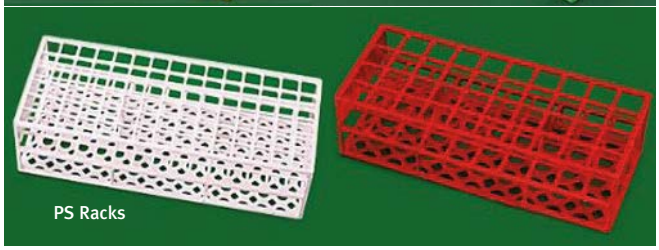
Acetal racks - Square hole acetal resin racks, resistant up to 121 °C.
Dimensions: 246 x 101 x 70 mm.

For tube ø	No. of tubes	Red	White	Yellow	Green	Pink	Blue	€
21 mm	40	39187081	39187082	39187083	39187084	-	39187086	N/A -
17 mm	60	39188081	39188082	39188083	39188084	39188085	39188086	N/A -
13 mm	90	39189081	39189082	39189083	39189084	39189085	39189086	N/A -

Single use polystyrene racks - Economic square holes racks.
Single use. Dimensions: 246 x 101 x 70 mm.

For tubes with ø (mm)	Capacity tubes	Red	White	€
21	40	39187011	39187012	N/A -
17	60	39188011	39188012	N/A -
13	90	39189011	39189012	N/A -





Large capacity mega racks

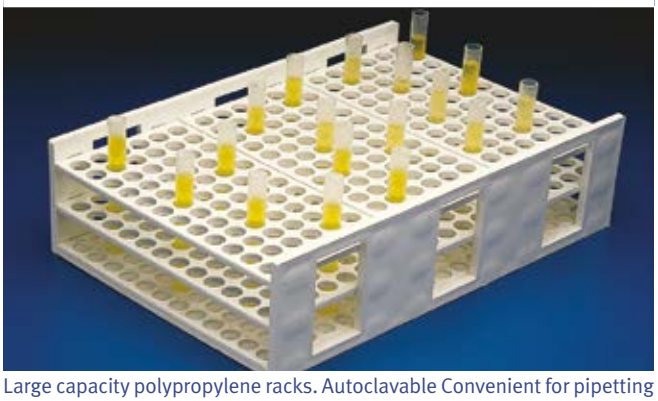
- **In polypropylene, Autoclavable**
- **Alphanumeric marking of the grid**
- **White or blue**

	For 216 tubes 10 or 12-13 mm	For 240 tubes 13 - 16 mm	For 432 tubes 13 - 16 mm	For 120 tubes 16 mm
Dim (mm)*	337 x 235 x 91	337 x 267 x 91	337 x 267 x 91	337 x 267 x 91
Blue	037969	047693	047691	037972
White	037971	047692	047690	037973
€	N/A -	N/A -	N/A -	N/A -

* Height with wings.



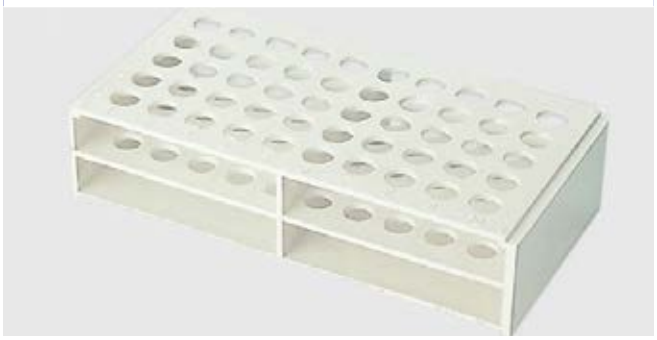
Large capacity racks



Large capacity polypropylene racks. Autoclavable Convenient for pipetting or storing large numbers of samples.
Note: The models below do not have any openings on the sides.

Cat. No.	For tubes with ø (mm)	Capacity tubes	L x W x H (mm)	€
045885	10 to 13	216	342 x 230 x 76	N/A -
045886	13 - 16	120	335 x 260 x 89	N/A -
045887	16 - 20	120	335 x 260 x 89	N/A -

ABS round hole racks for tubes 13 - 17 mm



- **In ABS**
- **Stackable**
- **White with alphanumeric marking**

Cat. No.	For tubes with ø (mm)	No. of tubes	L x W x H (mm)	€
39182082	13	50	210 x 105 x 50	N/A -
39181082	17	50	260 x 130 x 60	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

RACKS FOR VARIOUS TUBES

neoRack Rack



- Made of polypropylene
- For all tube diameters
- Removable blue rack
- Trays in different colours according to size
- Dimensions (L x W x H): 146 x 146 x 70 mm

Cat. No.	For tubes with ø (mm)	Number of tubes	Grid Colour	€
764047	13	9 x 9	Orange	N/A -
764048	16	7 x 7	Yellow	N/A -
764049	20	6 x 6	Green	N/A -
764050	25	5 x 5	White	N/A -
764051	30	4 x 4	Red	N/A -

Modular rack with removable grids



- In Polyoxymethylene
- Interchangeable grid
- For tube from 10 to 30 mm Ø
- Large rack: more compact and cheaper than several small ones
- Autoclavable
- Rubber feet for greater stability
- 3 tiered grids for better tube retention
- Rack Dimensions L x W x H (mm): 318 x 111 x 67

Storage rack with grid

Cat. No.	For tubes with ø (mm)	Colour	€
088834	10 - 13	Orange	N/A -
088835	13 - 16	Blue	N/A -
088836	16 - 20	Green	N/A -
088837	20 - 25	Fuchsia	N/A -
088838	25 - 30	Yellow	N/A -

Grid for storage rack

Cat. No.	For tube Ø (mm)	Colour	€
088839	10 - 13	Orange	N/A -
088840	13 - 16	Blue	N/A -
088841	16 - 20	Green	N/A -
088842	20 - 25	Fuchsia	N/A -
088843	25 - 30	Yellow	N/A -

Acetal Multiracks



- 3 models for 13, 16 or 30 mm tubes
- Made of high-strength acetal-based polymer
- Autoclavable from 20 °C to 120 °C
- L x W x H: 293 x 115 x 65 mm

ø (mm)	Capacity tubes	Blue	Green	Purple	Orange	Yellow	€
13	84	039837	039838	039839	039840	039841	N/A -
16	60	039842	039843	039844	039845	039846	N/A -
30	18	039847	039848	039849	039850	039851	N/A -

Racks with 2 or 3 holding levels



- For use in water bath, refrigerator, freezer, incubator
- Three colours
- For tube ø from 13 mm to 30 mm, from microtube to 50 ml culture tubes
- Stackable
- Made of reinforced polypropylene and ABS
- Carrying handle
- 3-level (high) racks are recommended for long tubes
- H x W x L high models: 62 x 135 x 275 mm
- H x W x L low models: 39 x 135 x 275

Type	Number of levels	Tube ø (mm)	Tube Capacity	Red	Blue	Green	€
High	3	13	84	442024	442025	442026	N/A -
High	3	16	60	442027	442028	442029	N/A -
High	3	30	18	442030	442031	442032	N/A -
Low	2	13	84	442033	442034	442035	N/A -
Low	2	16	60	442036	442037	442038	N/A -
Low	2	30	18	442039	-	442041	N/A -

Nalgene™ Unwire racks

One-piece moulded racks for 13, 16, 20, 25 and 30 mm tubes.

- In ResMer™
- Keep their colours longer
- Good resistance to chemicals and disinfectants





Unwire racks

For tubes ø (mm)	13	16	20	25	30
L x W x H (mm)	200 x 102 x 57	248 x 127 x 70	250 x 102 x 83	300 x 121 x 92	283 x 108 x 83
Number of tubes	6 x 12	6 x 12	4 x 10	4 x 10	3 x 8
White	**028625**	**028631**	**028637**	**028643**	**028649**
Orange	**028626**	**028632**	**028638**	**028644**	**028650**
Yellow	**028627**	**028633**	**028639**	**028645**	**028651**
Blue	**028628**	**028634**	**028640**	**028646**	**028652**
Green	**028629**	**028635**	**028641**	**028647**	**028653**
Red	**028630**	**028636**	**028642**	**028648**	**028654**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Demi-racks

For tubes ø (mm)	13	16	20	25	30
L x W x H (mm)	102 x 102 x 56	126 x 126 x 68	128 x 103 x 83	122 x 122 x 75	109 x 109 x 84
Number of tubes	6 x 6	6 x 6	4 x 5	4 x 4	3 x 3
White	**028655**	**028659**	**028663**	**028667**	**029284**
Blue	**028656**	**028660**	**028664**	**028668**	**028671**
Green	**028657**	**028661**	**028665**	-	**028672**
Red	**028658**	**028662**	**028666**	-	**028673**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Racks for haemolysis and test tubes

- In polypropylene, Autoclavable
- For tubes of ø 13, 16, 20, 25 and 30 mm
- Delivered flat
- Stackable Marking surface on both lengths
- Alphanumeric marking on the tray
- 4 colours available: white, blue, yellow, red



For tubes ø	Capacity tubes	L x W x H (mm)	White	Blue	Yellow	Red	€
13 mm	90 (6 x 15)	246 x 105 x 64	**391074**	**391075**	**391076**	**391077**	**N/A -**
16 mm	60 (5 x 12)	246 x 105 x 72	**391078**	**391079**	**391080**	**391081**	**N/A -**
20 mm	40 (4 x 10)	246 x 105 x 72	**391082**	**391083**	**391084**	**391085**	**N/A -**
25 mm	40 (4 x 10)	295 x 125 x 85	**391086**	**391087**	**391088**	**391089**	**N/A -**
30 mm	24 (3 x 8)	300 x 112 x 85	**391090**	**391091**	**391092**	**391093**	**N/A -**

Racks with adherent grids for haemolysis and test tubes

- Made of polypropylene
- Autoclavable at 121 °C
- With retaining tabs to reduce the risk of spillage
- Ideal for use in water baths
- Reduce the risk of spills
- Stackable, alphanumerically identified wells
- Racks Dimensions (L x W x H): 14.8 x 10.5 x 7 cm



Cat. No.	For tubes with ø (mm)	Capacity tubes	€
948144	10 - 13	90 (6 x 15)	**N/A -**
088800	15 - 16	60 (5 x 12)	**N/A -**
947935	18 - 20	40 (4 x 10)	**N/A -**

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RACKS FOR VARIOUS TUBES

polypropylene racks for tubes

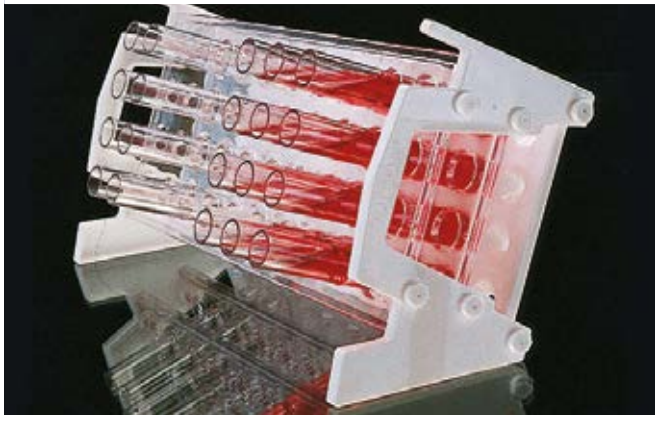


Polypropylene racks for haemolysis and test tubes.

- **Carrying handle**
- **Good chemical resistance, non autoclavable**
- **Alphanumeric markings**

Cat. No.	For tubes with ø (mm)	Capacity	L x W (cm)	€
029172	13 to 16	40 (4 x 10)	28 x 12	**N/A -**
029173	16 to 20	40 (4 x 10)	28 x 12	**N/A -**
029069	25 to 30	24 (3 x 8)	32 x 12	**N/A -**

Inclined rack for test tubes

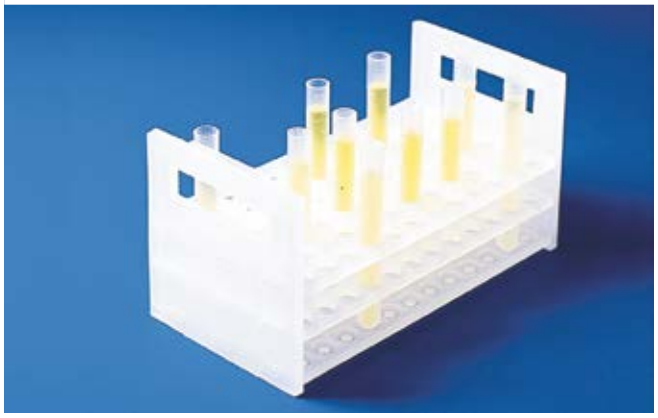


Tilting rack at 2 angles:

- 5 degrees for large culture area (ideal for aerobic cultures);
- 20 degrees for smaller area (for anaerobic cultures).

Cat. No.	For tubes with ø (mm)	Capacity	L x W (mm)	€
028090	15 - 16	40 (4 x 10) tubes	285 x 115	**N/A -**
028091	20	40 (4 x 10) tubes	285 x 115	**N/A -**

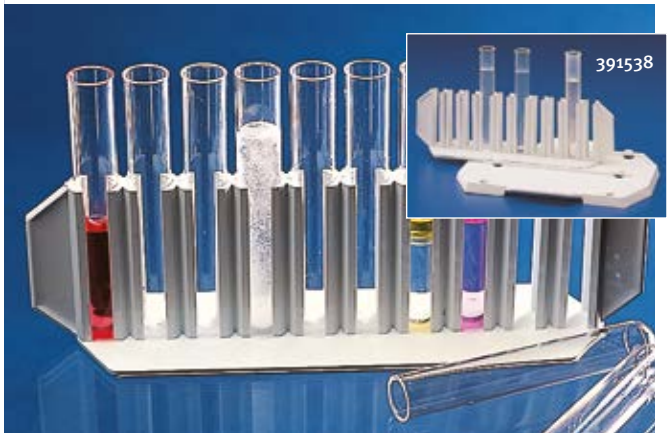
Submersible racks for water baths



These polypropylene racks are designed for use in water baths where they do not float. L x W: 213 x 110 mm.

Cat. No.	For tubes with ø (mm)	Capacity tubes	Height tray (mm)	Height total (mm)	€
085925	10 to 13	72	57	111	**N/A -**
085926	13 to 16	50	57	111	**N/A -**
085929	27 to 30	15	70	127	**N/A -**

Polypropylene racks for test tubes



- **For tubes of 16, 18 or 20 mm Ø**
- **Visible tube contents**
- **Specially designed for titration work**
- **Autoclavable, suitable for use in water baths**

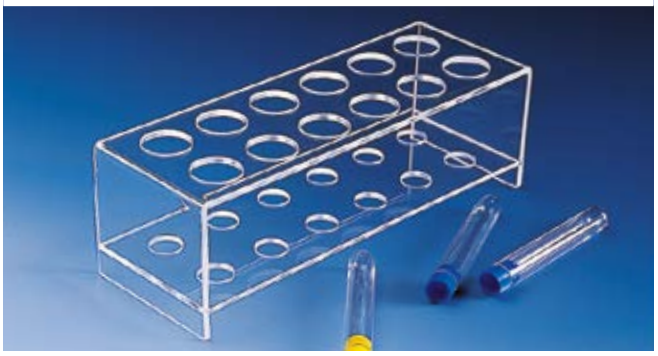
Cat. No.	Number of tubes	For tubes with ø (mm)	Dimensions (mm)	€
391536	10	16	55 x 220 x 62.0	**N/A -**
391537	9	18	55 x 220 x 65	**N/A -**
391539	8	20	54 x 220 x 65.50	**N/A -**

Rack support - For the insertion of two racks.

Cat. No.	Description	€
391538	Rack holder	**N/A -**

RACKS FOR VARIOUS TUBES

2 level rack for tubes



- In Plexiglas (PMMA)
- Two-level for a good hold of the tubes

Cat. No.	Capacity	Top hole (mm)Ø	Bottom hole Ø (mm)	L x W x H (mm)	Units/ box	€/ box
391476	12	32	20	90 x 255 x 81	5	N/A -
391477	12	38	22	97 x 289 x 81	5	N/A -
391478	12	44	22	110 x 316 x 81	5	N/A -

Multi-diameter tube rack



- In polypropylene Autoclavable
- Attachable, stackable
- 25 seats (5 x 5), with numerical index
- Dimensions: 122 x 116 x 52 mm
- For all tubes from 8 mm to 17 mm Ø
- Temperature resistant from - 80 °C to + 121 °C

Cat. No.	Description	€
140433	Multi-diameter tube rack	N/A -

Multi-tube rack



- With retaining tabs for tubes from 10 to 17 mm
- For haemolysis tubes, cryotubes, microtubes
- Made of polyamide, washable up to 90 °C
- Dimensions 140 x 140 x 42 mm

Cat. No.	Description	€
030171	Multi-tube rack	N/A -

Polypropylene flask rack



- Compact and stable rack
- For 12 flasks with a maximum of 33 mm Ø (from 28 to 32 mm)
- Rack opening for full viewing of the 4 flasks contents
- Made of polypropylene
- Autoclavable at 121 °C
- Dimensions: 26.7 x 10.2 x 5.3 cm

Cat. No.	Description	€
088769	Rack for 12 flasks	N/A -

Low rack for flasks

- For 30 flasks ø 23 mm
- Dimensions: 310 x 110 x 22 mm
- In acrylic

Cat. No.	Description	€
085112	Low rack for 30 flasks ø 23 mm	N/A -



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RACKS FOR VARIOUS TUBES

Racks with pins



Tube rack with pins

- Can be used with filled or empty tubes
- Can be used as a tube drainer
- Autoclavable at 121 °C

Cat. No.	For tubes with ø (mm)	Capacity tubes	L x W x H (cm)	€
086678	17 - 20	40	23 x 10.5 x 7	N/A -

Fiberglass reinforced racks

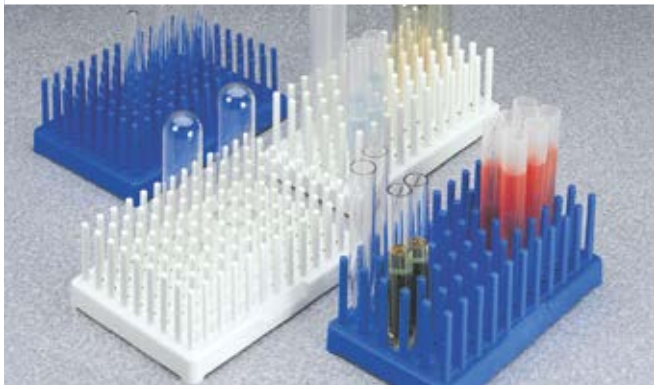


Pin rack. Autoclavable

Cat. No.	For tubes with ø (mm)	Wells	Colour	€
037855	14 - 17	50	White	N/A -
037856	14 - 17	50	Blue	N/A -
037857	10 - 13	96	White	N/A -
037858	10 - 13	96	Blue	N/A -

Pin racks

Thermo SCIENTIFIC NALGENE

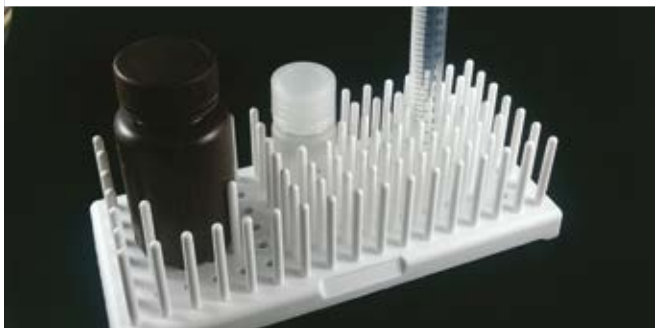


Polypropylene pin racks for haemolysis and test tubes.

- Do not float in a water bath
- Can be used as a tube drainer
- Can be used with electrophoresis or chromatography plates
- Autoclavable

Cat. No.	For tubes with ø (mm)	Capacity	Colour	L x W x H (mm)	Units/ box	€/ box
029070	10 to 13	8 x 12	White	179 x 127 x 64	2	N/A -
029071	10 to 13	8 x 12	Blue	179 x 127 x 64	2	N/A -
029072	14 to 17	5 x 10	White	187 x 105 x 70	2	N/A -
029073	14 to 17	5 x 10	Blue	187 x 105 x 70	2	N/A -

Multi-tube racks with pins



- Made of polypropylene
- For tubes of 12 and 13 mm Ø
- Adaptable for other tube sizes (removable pins)
- Dimensions: 232 x 100 x 61 mm

Cat. No.	Description	€
888141	White rack with pins	N/A -
888142	Multicoloured rack with pins (5 colours)	N/A -

RACKS FOR 5 ML TO 50 ML TUBES

Eppendorf polypropylene racks

eppendorf

- For conical bottom tubes

Cat. No.	Dim. (mm) L x W x H	Tubes No.	For tubes Ø (mm)	Tube type	Units/ box	€/ box
933946	240 x 95 x 57	12	16.5	15 ml or 5 ml	2	N/A -
934354	-	1	30	25 ml or 50 ml	1	N/A -


933946


934354

Simport Racks for 5 ml tubes

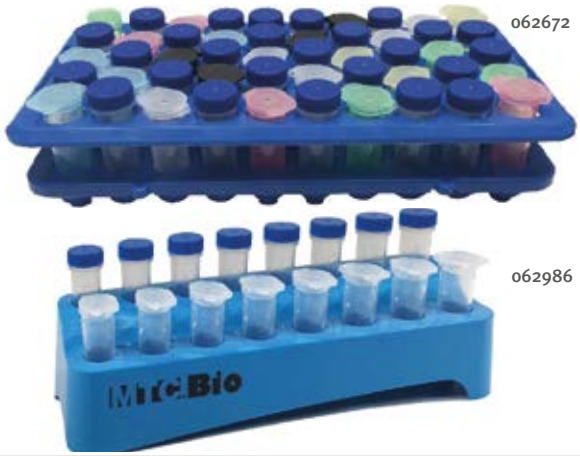
Simport



- Made of polypropylene
- For 25 x 5 ml tubes
- Autoclavable
- Freezable at -90 °C
- Numbered wells

Blue	Orange	Red	Units/ box	€/ box
040970	040971	040972	5	N/A -

Racks for 5 ml tubes


062672

062986

Cat. No.	Tubes No.	€
062672	50	N/A -
062986	16	N/A -

Acrylic rack for 5 ml tubes

- Transparent acrylic
- For 20 x 5 ml tubes
- Tubes held at two levels in the rack

Cat. No.	Description	€
141397	Rack for 20 x 5 ml tubes	N/A -



Rack for 5 ml Eppendorf centrifuge tubes

Specially adapted to the 5 ml Eppendorf centrifuge tube.

- In white polypropylene
- Handles on the edges of the rack for easy transport and stacking
- Holds up to 40 tubes of 13-16 mm Ø
- Shelf height: 34 mm
- Dimensions: 260 x 113 x 105 mm
- Autoclavable at 121 °C

Cat. No.	Description	€
947672	Rack for 5 ml Eppendorf tubes	N/A -



Chain rack for 5 / 15 ml tubes

- Made of polypropylene
- For 16 tubes of 5/15 ml (15 - 17 mm)
- Multiple configurations possible
- Wells Ø: 17.2 mm
- Total dimensions H x L: 94 x 27 mm

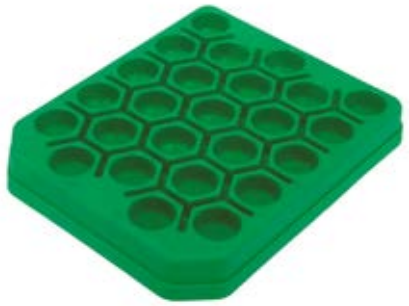
Cat. No.	Description	Units/ box	€/ box
352066	Chain rack for 5/15 ml tubes	16	N/A -



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RACKS FOR 5 ML TO 50 ML TUBES

Racks for 15 ml or 50 ml tubes



- In polypropylene Autoclavable
- Reusable, recyclable
- Good chemical resistance

Cat. No.	Description	Units/ box	€/ box
978504	Rack for 25 x 15 ml tubes	5	N/A -
978506	Rack for 25 x 50 ml tubes	5	N/A -

Single tube rack 50 ml







Three versions:
- in epoxy;
- In polystyrene;
- polypropylene snap-in rack to transform the single space rack into a multi-space linear rack.

Chemical resistant and autoclavable (except polystyrene).
The polypropylene racks are supplied in 5 assorted colours (blue, green, yellow, pink and orange).

Cat. No.	Description	Units/ box	€/ box
037591	Single tube epoxy rack 50 ml	1	N/A -
037592	PP Single tube snap-in rack 50 ml	5	N/A -
037897	PS Single tube blue rack 50 ml	5	N/A -

Polypropylene rack for 15 ml and 50 ml tubes



Polypropylene rack for 30 x 15ml tubes and/or 20 x 50ml tubes. Stable in a water bath.

Cat. No.	Description	€
037613	PP Rack for conical tubes 15 and 50 ml	N/A -

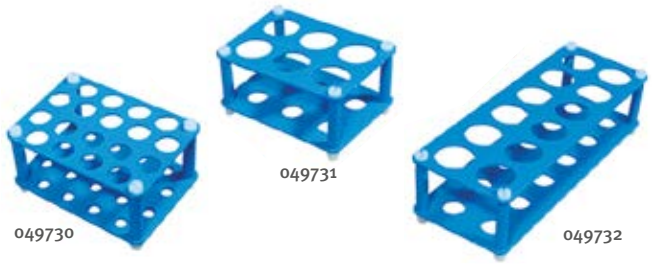
Multi-tube rack 15 ml and 50 ml



- In polypropylene Autoclavable
- For storage of 30 x 15 ml tubes and/or 20 x 50 ml tubes

Cat. No.	Capacity	L x W x H (mm)	€
199019	20 x 50 ml and/or 30 x 15 ml	168 x 205 x 60	N/A -

Racks for 15 and 50 ml tubes



- Made of reinforced polypropylene, autoclavable to +121 °C
- Freezable at -80 °C

Cat. No.	Description	L x W x H (mm)	€
049730	Blue rack for 18 tubes 15 ml	122 x 88 x 70	N/A -
049731	Blue rack for 6 tubes 50 ml	122 x 88 x 70	N/A -
049732	Blue rack for 12 tubes 50 ml	234 x 88 x 70	N/A -

Multifunctional rack for culture tubes



For vertical storage of 8 x 15 ml and 4 x 50 ml tubes, or horizontal storage of flat-bottomed tubes on 2 levels. The translucent upper level allows visualization of the lower level.

➤**Autoclavable** ➤**L x W x H: 86 x 197 x 71 mm** ➤**Ideal for the incubator**

Cat. No.	Description	€
199018	Multifunctional rack for culture tubes	N/A -

Single tube rack



➤**Hands-free holder**
➤**White: tube can be removed with one hand**
➤**Two models**
➤**Blue: gripping holder, the tube is anchored in the holder: to remove it, use both hands**

Cat. No.	Description	€ 5 units
085962	White Single tube holder	N/A -
085963	Blue Single tube grip holder	N/A -

Single rack for 15 ml and 50 ml tubes

➤**In polypropylene Autoclavable**
➤**Base Ø: 77 mm**
➤**Weight: 13.8 g**



Cat. No.	Description	€ 4 units
086717	Rack for conical tubes 15 and 50 ml	N/A -

Boxes for 15, 20, 30 and 50 ml tubes, with lid



Rigid boxes consisting of a coloured support fixed on a translucent bottom, and a translucent lid, for complete visualisation of the tubes.

➤**For 15, 20, 30 and 50 ml tubes**
➤**Can be used from -5 °C to +125 °C**
➤**With numbering index**

Cat. No.	L x D x H (mm):	Ø tubes (mm)	Tubes vol. (ml)	Number of holes	Colour	€ 2 units
064201	148 x 148 x 129	17	15	36	Green	N/A -
064202	148 x 148 x 60	30	20	16	Purple	N/A -
064203	148 x 148 x 91	30	30	16	Orange	N/A -
064204	148 x 148 x 129	30	50	16	Pink	N/A -

Rack for 15 and 50 ml tubes





➤**For 50 ml tubes: 25 tubes, rack height 40 mm**
➤**For 15 ml tubes: 50 tubes, rack height 31 mm**
➤**Autoclavable at 121 °C**
➤**Freezable at -80 °C**
➤**Stackable**
➤**Snap-in**

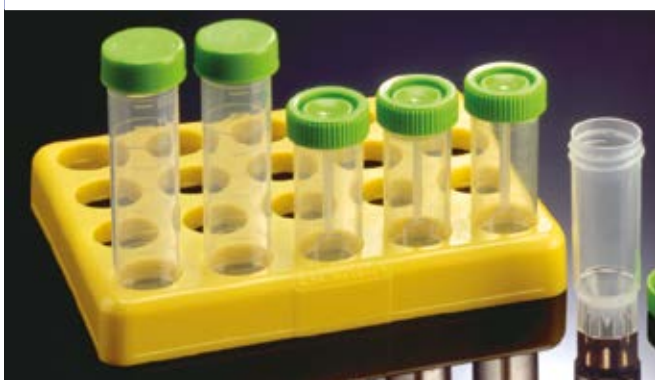
Pour tubes	Natural	White	Yellow	Orange	Red
15 ml	949000	949001	-	949003	949004
50 ml	949009	949010	949011	949012	949013
€/ 5 units	N/A -	N/A -	N/A -	N/A -	N/A -

For tubes	Violet	Blue	Green	Assorted
15 ml	949005	949006	949007	949008
50 ml	949014	949015	949016	949017
€/ 5 units	N/A -	N/A -	N/A -	N/A -

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RACKS FOR 5 ML TO 50 ML TUBES

Rack for 50 ml tubes



- For 20 tubes of 50 ml, 29 mm Ø
- Alphanumeric hole marking
- In polystyrene
- Yellow
- Contains recycled material (50%)
- Dimensions L x W x H: 204 x 165 x 27 mm

Cat. No.	Description	€
064056	Rack for 20 x 50 ml tubes	N/A -

Freezer boxes for 15 ml and 50 ml tubes: see page 758



Racks Pop Up™ for 15 ml and 50 ml tubes



- Foldable, stackable folded or open
- Made of polypropylene
- Printed grid
- Not autoclavable
- Dimensions (L x W x H): 255 x 137 x 21 mm (folded) 72 mm (open)

Cat. No.	For tubes	Colour	Unit/ box	€/ box
037974	21 x 15 ml tubes and 12 x 50 ml tubes	Blue	2	N/A -
037975	21 x 15 ml tubes and 12 x 50 ml tubes	Pink	2	N/A -
320055	45 x 15 ml tubes	Violet	2	N/A -
320056	18 x 50 ml tubes	Green	2	N/A -

Racks for 15 and 50 ml conical tubes



- Made of polypropylene
- 25 holes
- Colour: dark blue

Cat. No.	For tubes volume (ml)	L x W x H (mm)	€
330130	15	104.1 x 127.9, 48.1	N/A -
330133	50	132.7 x 249.7 x 48.1	N/A -

Rack for 18 x 50 ml tubes



- Dimensions: 243 x 126 x 64 mm
- In polypropylene Autoclavable

Cat. No.	Capacity	For tube volume	€
39180042	18 tubes	50 ml	N/A -

Universal rack for 12 tubes 15 to 50 ml



- Polypropylene rack, non-autoclavable
- With variable hole spacing to fit the tube Ø
- Up to 12 similar tubes
- Suitable for 15 to 50 ml tubes (16 to 30 mm Ø)
- Dimensions: 194 x 140 x 51 mm

Cat. No.	Description	€
320052	Universal rack	N/A -

RACKS FOR 5 ML TO 50 ML TUBES

Modular racks

- A modular rack with 2 independent articulated racks that can be moved to accommodate different types of tubes
- Racks can be rotated for better access to samples
- Drop-shaped wells for better tube handling
- Ergonomic handles
- Autoclavable



Cat. No.	Number of racks included	Well Ø	No. of wells	Dim. (cm) L x W x H	Colour	€
320533	2	17 mm	20	30.9 x 10.7 x 7.7	Green/Blue	N/A -
320672	2	13 mm	20	30.9 x 10.7 x 7.7	Violet/Natural	N/A -

Racks with vaccum cups

Rack For 24 tubes

- For 24 tubes 1.5 - 2 ml (Ø: 12.5 mm)
- Dimensions W x D x H (mm): 285 x 54 x 45

Grey	Red	White	Yellow	€
140346	140347	140348	140349	N/A -

Rack For 6 tubes

- For 6 x 50 ml and 17 x 15 ml tubes
- Dimensions W x D x H (mm): 234 x 88 x 70

Grey	Red	White	Yellow	€
140350	140351	140352	140353	N/A -

Spare vaccum cups

Cat. No.	Description	Units/ box	€/ box
140355	Vaccum cup for rack 1.5 - 2 ml	5	N/A -
140354	Vaccum cup for rack 15 - 50 ml	4	N/A -

- In PVC, PS and PA
- Removable vaccum cups for good stability
- Can be used from - 20 to + 60 °C



Rack For 6 tubes



Rack For 24 tubes

Refrigerable rack for 15 or 50 ml tubes

- Rack with cooling tank for ice or water
- For 28 tubes of 15 or 50 ml
- Made of polypropylene
- Autoclavable at 121 °C for 20 minutes
- 320 x 200 x 150 mm

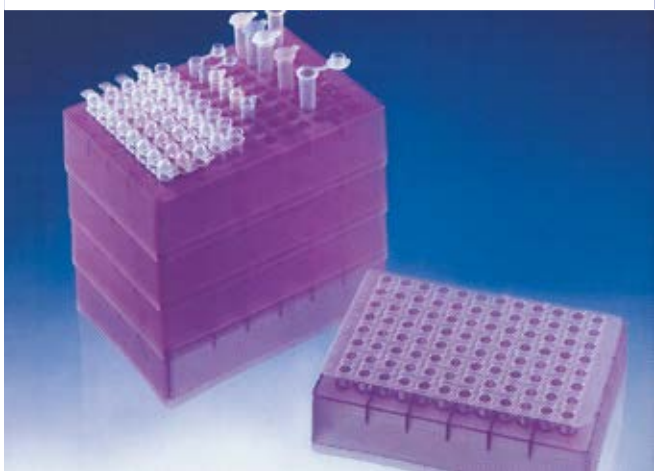


Cat. No.	Description	€
085960	Rack for 15 or 50 ml tubes	N/A -
085961	Lid for rack	N/A -

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RACKS FOR MICROTUBES 0.2 TO 2 ML

PCR workstation



96-compartment microplate tray that acts as a storage rack or workstation. For 96 PCR microtubes 0.2 ml, individual or in strips, and PCR plate.

- **Stackable**
- **Can be used from -70 °C to +121 °C**

Cat. No.	Description	€ 10 units
016094	PCR workstation	N/A -

Working plates for 0.2 ml microtubes



The plate and frame are designed to hold 96 0.2 ml microtubes, for direct deposition of tubes to a thermal cycler.

Cat. No.	Description	Units/ box	€/ box
033518	Work plate	10	N/A -
033519	Plate holder	5	N/A -

PCR rack for 96 0.2 ml tubes or strips



Two-sided racks:
- side 1 for 80 tubes from 10 to 12 mm Ø;
- side 2 for 60 PCR tubes or microtubes 0.2 to 0.5 ml.

- **In polypropylene Autoclavable**
- **With Frosted marking surface**
- **Stackable, snap-in**
- **6 assorted colours, transparent lid as accessory**
- **Supplied with handles to ensure good stability of the stacking racks**

Colour	Blue	Green	Orange	Pink	Red	Yellow	€
Cat. No.	039249	039250	039251	039252	039253	039254	N/A -

Lid

Cat. No.	Description	€
039255	Transparent lid	N/A -

PCR rack for 96 0.2 ml tubes or strips



- **Made of polypropylene**
- **Withstands -90 °C to +121 °C**
- **Alphanumeric identification**
- **L x W x H: 132 x 91 x 30 mm**
- **Transparent lid with identification of each well**
- **Horizontal snap-in**
- **Stackable**
- **Autoclavable**

Blue	Green	Orange	Pink	Red	Yellow	€	Assorted	€
039830	039831	039832	039833	039834	039835	N/A -	039836	N/A -

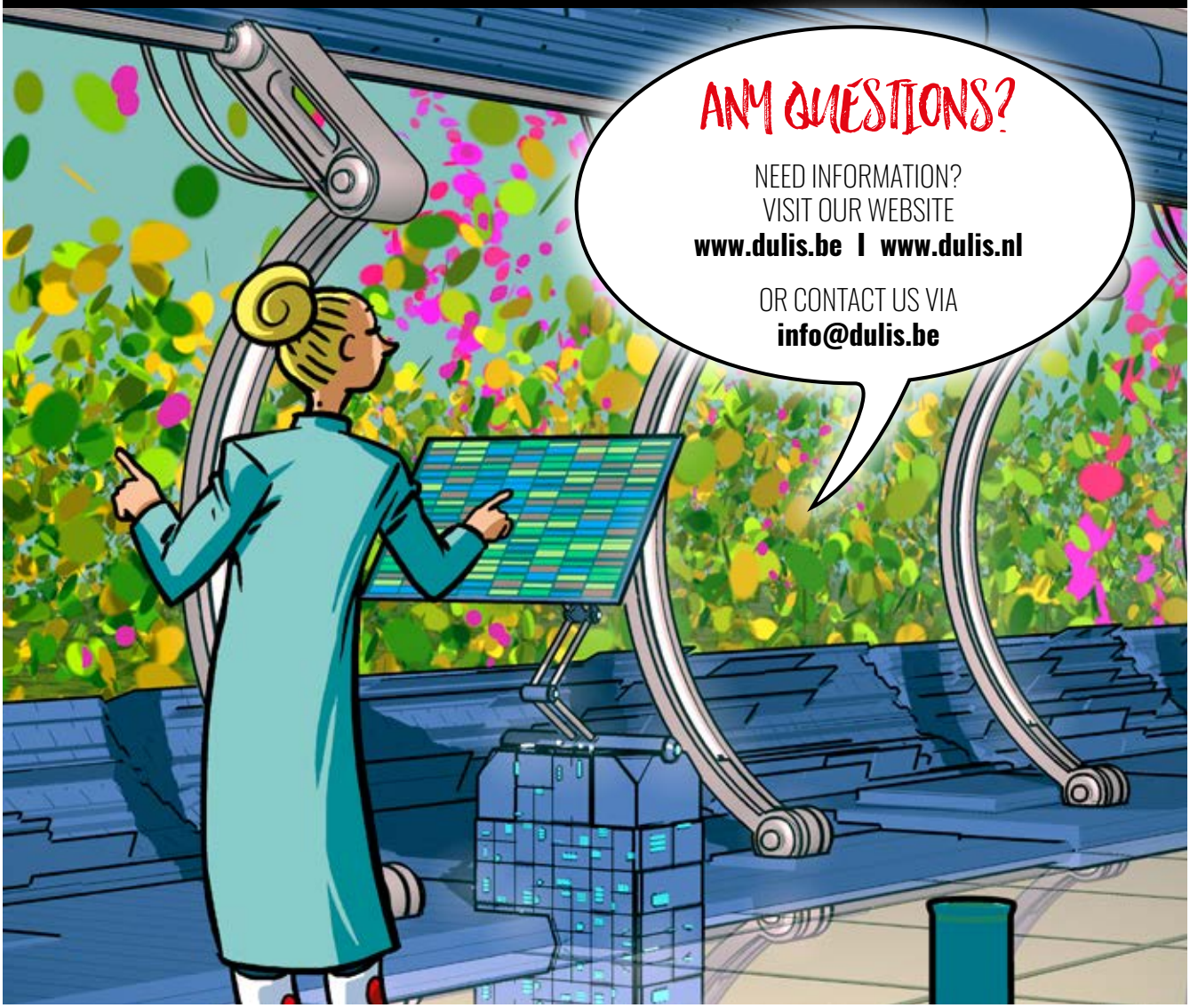
eppendorf PCR Rack



- **Rack for handling and storing tubes and plates**
- **For 0.1 to 0.5 ml tubes and 96-well plates**
- **Stackable**
- **Can be stored down to -90 °C**
- **Autoclavable (121 °C, 20 min)**

Cat. No.	Description	€ 10 units
035635	PCR Rack assorted colours	N/A -

WELCOME TO DULIS



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Véronique VAN DEN BOSSCHE,
Customer Care Coordinator.

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Véronique VAN DEN BOSSCHE is ready to help you with all your questions: **quotation requests, offers & prices.**

Do not hesitate to contact her at **+32 81 94 66 00**
or by email **veronique.vandenbossche@dulis.be**



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RACKS FOR MICROTUBES 0.2 TO 2 ML

Rack for PCR tubes



- Made of polypropylene
- 96 holes
- Autoclavable
- L x W x H: 123.2 x 86 x 14.6 mm

Blue	Green	Orange	Violet	€
330141	330142	330143	330145	N/A -

PCR Stacking rack



Coloured polypropylene rack with transparent lid for 96 PCR tubes 0.2 ml or 1 PCR plate (with or without skirt).
Dimensions:
- 138 x 98 x 39 mm with lid;
- 138 x 98 x 30 mm without lid.

- Stackable with or without lid
- Self-blocking Lid
- 4 feet
- Accepts non-skirted, skirted or half-skirted PCR plates, single tubes or strips of 8 or 12

Cat. No.	Description	€
045546	Set of 5 racks in mixed colours (blue, yellow, red, green, purple) with lid	N/A -

Low Temp PCR® Racks



- 96-well racks (8 x 12) for 0.2 ml tubes or strips
- Transparent polypropylene lid
- Detachable lid with side opening for faster cooling of samples
- Withstands down to -80 °C
- Alphanumeric marker

Cat. No.	Colour	Dimensions L x W x H (mm)	WellØ (mm)	Units/ box	€/ box
320555	Assorted*	12.5 x 9.2 x 3.7	5.2	5	N/A -
320556	Blue	12.5 x 9.2 x 3.7	5.2	5	N/A -
320557	Green	12.5 x 9.2 x 3.7	5.2	5	N/A -
320558	Violet	12.5 x 9.2 x 3.7	5.2	5	N/A -

* Blue, purple, orange, green, yellow

Racks for 96 PCR microtubes 0.2 ml



Polypropylene racks for 96 PCR 0.2 ml individual microtubes or strips.

- Alphanumeric index
- Hinged lid
- Assorted colours
- Dimensions: 130 x 98 x 33 mm

Colour	Natural	Blue	Green	€ 5 units	Assorted*	€ 5 units
Cat. No.	037532	037533	037534	N/A -	037536	N/A -

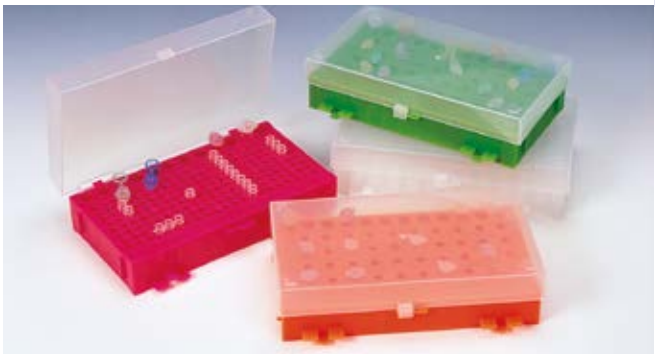
* Pink, orange, blue, green and yellow.

RACKS FOR MICROTUBES 0.2 TO 2 ML

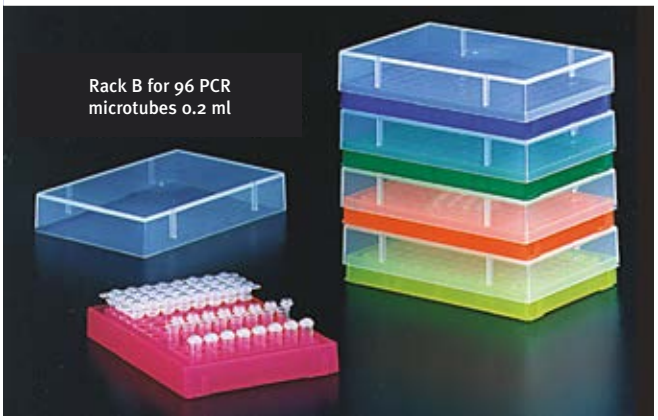
Reversible PCR racks

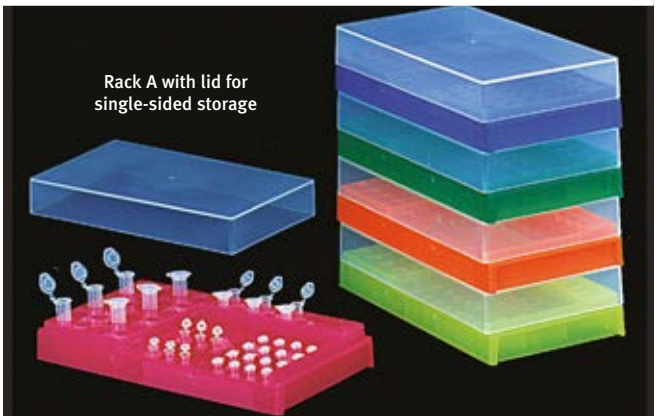
Polypropylene racks with removable lids for 168 x 0.2 ml microtubes on one side and 40 x 0.5 ml microtubes on the other. With one row for 12 x 1.5 ml microtubes on each side.
Delivered in sets of 5 in assorted colours (one of each of the following colours: blue, green, pink, orange, yellow). L x W x H: 228.6 x 133.4 x 32 mm.

Cat. No.	Description	€ 5 units
037589	Reversible PCR Rack assorted colours	N/A -



Multi-microtube racks for PCR





Rack A with lid for single-sided storage

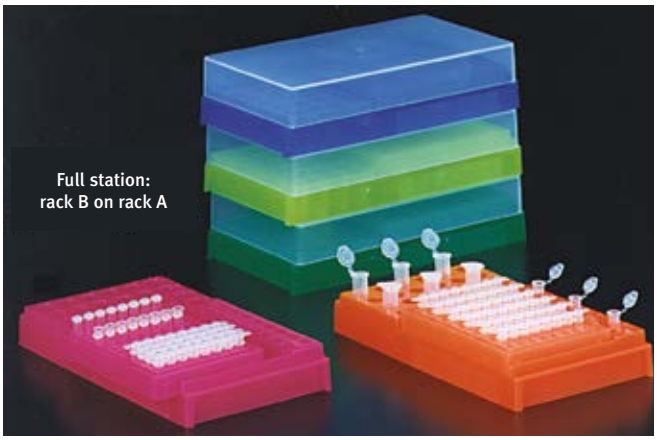
Rack B for 96 0.2 ml microtubes can be attached to rack A and clipped into the slot for the individual 0.2 ml microtubes.

- **Translucent lid included**
- **Bright colours selection**
- **Stackable**
- **Alphanumeric index**
- **Capacity: 32 individual 0.2 ml PCR microtubes, 16 x 0.5 ml microtubes, 24 x 1.5 ml or 2 ml microtubes**

Rack B for 96 PCR microtubes 0.2 ml

- **Microplate format**
- **With lid**
- **Can be used on its own or can be clipped to the A rack**
- **L x W x H: 126 x 86 x 33 mm with lid, 126 x 86 x 11 mm without lid**

	Multi-tube rack A	Rack B for 96 x 0.2 ml microtubes
Blue	045465	045471
Green	045466	045472
Orange	045467	045473
Pink	045468	045474
Yellow	045469	045475
€	N/A -	N/A -
Set of 5 assorted colours	045470	045476
€ 5 units	N/A -	N/A -

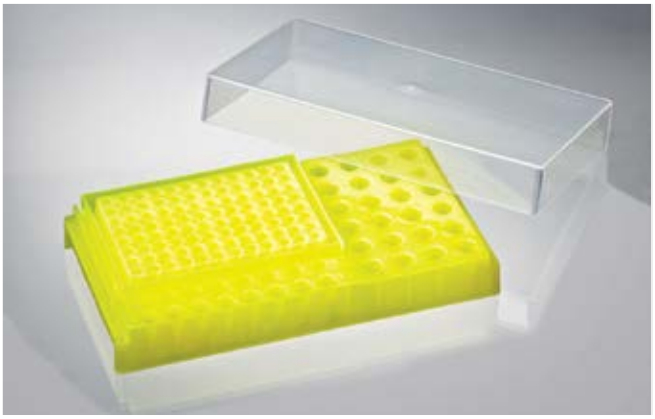


PCR Multi-microtube rack

labcon

- **96 wells for plates, tube strips or 0.2 ml tubes**
- **Additional wells on the rack for 0.5, 1.5 or 2 ml tubes**
- **Made of polypropylene**
- **Autoclavable**
- **Can be used from -80 °C to +122 °C**
- **Translucent lid included**

Cat. No.	Description	€
949830	Set of 5 racks, mixed colours (red, orange, yellow, green, blue)	N/A -



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RACKS FOR MICROTUBES 0.2 TO 2 ML

Racks for 80 microtubes



Rigid polypropylene racks for 80 x 1.5 ml or 2 ml microtubes.

- **Alphanumeric marking and side handles**
- **Can be used from -90 °C to 121 °C (autoclavables)**
- **Accessories: storage box with lid, storage shelf**
- **L x W x H:226 x 67 x 28 mm**

Rack 80 standard colour		Rack 80 fluorescent colour	
Colour	**Cat. No.**	**Colour**	**Cat. No.**
Natural	**840515**	Fluo. yellow	**840523**
Yellow	**840519**	Fluo. Orange	**840524**
Orange	**840520**	Fluo. pink	**840525**
Red	**840518**	Fluo. blue	**840526**
Violet	**840521**	Fluo. green	**840527**
Blue	**840516**	-	-
Green	**840530**	-	-
Black	**840522**	-	-
€	**N/A -**	**€**	**N/A -**
Set of 5 racks assorted colours	**840528**	Set of 5 racks assorted colours	**840529**
€/ 5 units	**N/A -**	**€/ 5 units**	**N/A -**

Acrylic shelves

Allows racks to be stored and handled without stacking.

- Horizontal model: 8 boxes for 8 racks. L x W x H: 300 x 230 x 115 mm.
- Vertical model: 8 boxes for 8 racks. L x W x H: 153 x 230 x 220 mm.

Cat. No.	Description	€
037579	Horizontal shelf for 8 racks	**N/A -**
037580	Vertical rack for 8 racks	**N/A -**

Stackable racks for 48 x 1.5 / 2 ml microtubes



- **In polystyrene**
- **For 48 microtubes of 11 mm diameter (1.5 / 2 ml)**
- **Stackable racks**
- **Dimensions top (L x W): 182 x 122 mm**
- **Total Dimensions (L x W x H) : 192 x 122 x 47 mm**
- **5 different colours: yellow, white, red, purple and green**

Cat. No.	Description	Units/ box	€/ box
393003	Racks for 48 centrifuge tubes	10	**N/A -**

Racks for microtubes



Polyketone racks with good chemical resistance (except acids) for 1.5 ml and 2 ml microtubes.

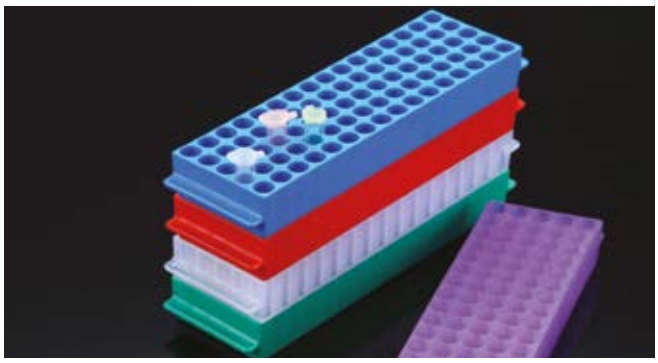
- **Stackable**
- **Autoclavable**
- **White**

Cat. No.	Capacity	€
029078	24 (6 x 4)	**N/A -**

RACKS FOR MICROTUBES 0.2 TO 2 ML

Racks for microtubes

- Made of polypropylene
- 80 holes
- Autoclavable
- L x W x H: 228 x 66.4 x 27.5 mm



White	Blue	Green	Red	Violet	€
330136	330137	330138	330139	330140	N/A -

Reversible rack in recycled polypropylene for 0.5 ml and 2 ml microtubes

- Made entirely from recycled polypropylene (the colour can therefore vary in different shades of blue)
- Reversible: one side with slots for 0.5 ml microtubes and the other side for 2 ml microtubes
- Inner well diameter:
  - side 0.5 ml: 7 mm,
  - side 2 ml: 12 mm

GoGREEN



Cat. No.	Number of wells	External Dimensions W x D x H (mm)	€
442311	48	215 x 68 x 27	N/A -
442312	96	215 x 130 x 27	N/A -

Racks for 100 microtubes

Polypropylene rack for 100 microtubes of 1.5 and 2 ml.

- Delivered flat, stackable
- Marking surface on both lengths
- Autoclavable
- Alphanumeric marking on the tray
- 4 colours available: white, blue, yellow, red
- Dimensions: 110 x 263 x 45 mm



Colour	White	Blue	Yellow	Red	€
Cat. No.	391070	391071	391072	391073	N/A -

Clear acrylic racks for Eppendorf microtubes

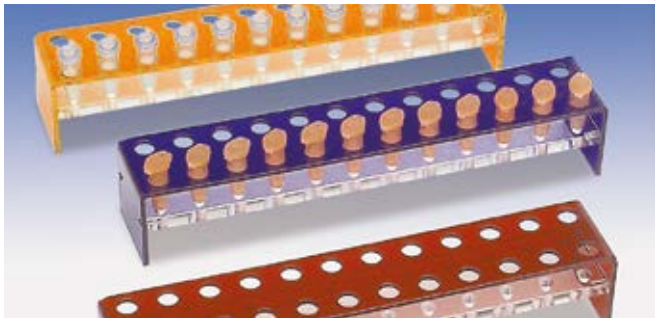
- Glued and screwed racks
- Stable



Cat. No.	For tubes (ml)	Number of tubes	Dimensions L x W x H (mm)	€
764037	1.5	2 x 6	132 x 50 x 50	N/A -
764038	0.5	2 x 12	262 x 50 x 50	N/A -
764039	1.5	2 x 12	262 x 50 x 50	N/A -
764040	2.2	2 x 12	262 x 50 x 50	N/A -
764041	0.5	4 x 12	262 x 100 x 50	N/A -
764042	1.5	4 x 12	262 x 100 x 50	N/A -
764043	2.2	4 x 12	262 x 100 x 50	N/A -
764044	1.5	6 x 12	262 x 125 x 50	N/A -

Coloured acrylic racks for 1.5 ml microtubes

- Robust, hygienic, easy to wash and extremely durable.



Dimensions L x W x H(mm)	145 x 50 x 50	270 x 50 x 50	270 x 100 x 50
Capacity	2 x 6 tubes	2 x 12 tubes	4 x 12 tubes
Orange	764028	764031	764034
Blue	764029	764032	764035
Red	764030	764033	764036
€	N/A -	N/A -	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

OneHand microtube rack



For opening microtubes with a screw cap with just one hand!

- **Made of acetal-based polymer**
- **L x W x H: 293 x 115 x 39 mm**
- **Capacity 84 microtubes**

For skirted micrewtubes, they fit perfectly into the base of the rack and are held in place. Other types of microtube are held in the upper part of the rack by claws that grip microtubes with a grooved neck.

Blue	Green	Purple	Orange	Yellow	€
039825	039826	039827	039828	039829	N/A -

LaboBox storage system

Flexible storage system including racks, boxes and a compatible crate. Order, store and move your tubes safely and easily.



The box



- **For storage and transport of boxes**
- **Contains 2 boxes per floor on 3 or 4 levels depending on the size of the boxes**
- **Made of polypropylene, not resistant to cryopreservation**
- **Dimensions (L x W x H): 185 x 175 x 200 mm**

Cat. No.	Description	€
764103	Case for LaboBox system	N/A -

The boxes

- **Boxes with polycarbonate lid for rack storage**
- **Resistant from - 130 °C to + 130 °C, autoclavable and cryopreservable**
- **2 height available: 43 mm or 55 mm**

Cat. No.	L x W x H (mm)	Internal height (mm)	€
764101	170 x 83 x 43	39	N/A -
764102	170 x 83 x 55	49	N/A -

Racks





- **For microtubes, tubes up to 12.5 mm and 15 mm diameter**
- **2 Colour available: transparent and blue**
- **Alphanumeric marking**
- **Easy to transport**
- **In polycarbonate**
- **Resistant from - 130 °C to + 130 °C and autoclavable**
- **Dimensions (L x W x H): 164 x 76 x 28 mm**

Bottom	Number of wells	For tubes	Transparent	Blue	€
Conical	5 x 12 (60)	1.5 ml	764095	764098	N/A -
Flat	5 x 10 (50)	Ø 12.5 mm	764096	764099	N/A -
Flat	4 x 9 (36)	Ø 15 mm	764097	764100	N/A -

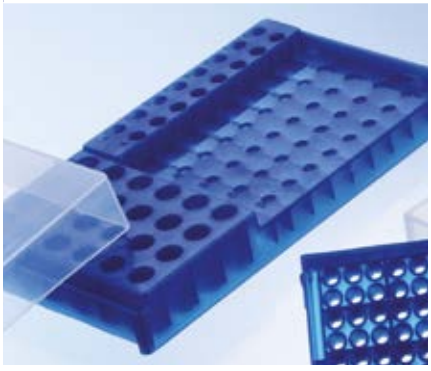
Unirack two-sided rack



Two-sided rack:
- side 1 for 25 tubes of diameter 10 and 12 mm
- side 2 for 16 PCR tubes or microtubes of 0.2 to 0.5 ml

Colour	Blue	Red	Yellow	€ 10 units
Cat. No.	040784	040785	040786	N/A -

1-sided multi-tube rack



Polypropylene rack for single-sided storage of 24 x 1.5/2 ml microtubes, 16 x 0.5 ml microtubes, 32 x 0.2 ml microtubes.

- **Resistant to -80 °C**
- **Translucent lid**

Cat. No.	Description	€
879070	Multitube rack	N/A -

Reversible XY rack for 48 microtubes

- For 48 microtubes of 0.2 ml or 0.5 ml, and for 48 microtubes of 1.5 ml or 2 ml (2 sides)
- Alphanumeric marking, 2 tabs slide along each side, to identify the last sample processed
- Dimensions: 202 x 136 x 27 mm
- 3 Colours

Red	Blue	Green	€
441937	441938	441939	N/A -

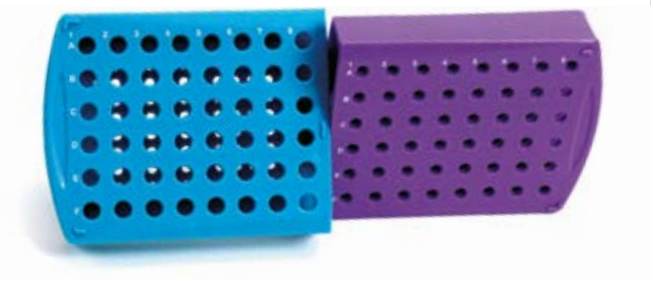
96-slot rack for handling 48 open-cap microtubes



Rota-Rack double rotating rack

- 2 rotating racks attached
- Alphanumeric marking on the racks
- Autoclavable
- Blue and purple
- 2 x 48 holes of 1.5 ml
- 1 x 96 holes of 0.2 ml
- 1 x 48 holes of 0.5 ml

Cat. No.	W x D x H (mm)	€
037993	296 x 118 x 34	N/A -



Sliplock Flipper Minirack

- For 0.5 or 1.5 /2 ml microtubes on one side and for PCR microtubes or strips on the other
- Racks can be joined together, stacked with their lids: the lid is positioned on two racks
- Dimensions of a rack without lid: 130 x 54 x 35 mm
- Dimensions of two racks side by side with lid: 133 x 107 x 56 mm
- Polypropylene, autoclavable with caution
- Resistant to temperatures from -80 °C to + 121 °C
- Supplied in 4 coloured modules: green, blue, red, yellow with two lids
- For 24 x 1.5 tubes or 2 ml or 16 x 0.5 ml microtubes
- For 60 PCR 0.2 ml microtubes (in rows of 5 x 12)
- For a PCR plate to be positioned on two blocks

Cat. No.	Description	€
840535	Set of 4 Sliplock Flipper racks with two lids	N/A -





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Double-sided racks for microtubes

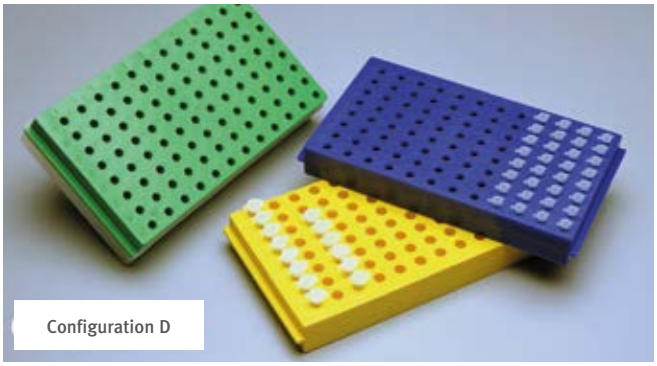


Configuration A

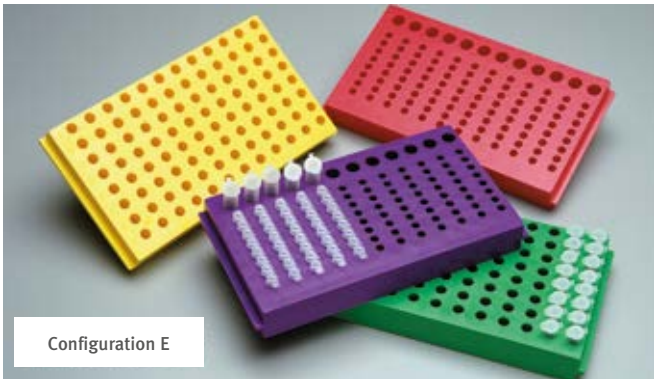


Configuration B
snap-in





Configuration D



Configuration E

	Standard version				Eco version	
Microtube capacity	Configuration A	Configuration (snap-in) B	Configuration D	Configuration E	Configuration B	Configuration B
0.2 ml	-	-	96	96	-	-
0.5 ml	8 y 32	96	96	96	96	96
1.5 ml and 2 ml	8 y 32	96	-	12	96	96
Lid	Optional	Included	Included	Included	Optional	Optional
Alphanum.ex	No	Yes	Yes	Yes	No	No
Blue	-	**037574**	-	-	**048018A**	**048018**
Green	-	**037575**	-	-	**048019A**	**048019**
Orange	-	-	-	-	**840665A**	**840665**
Red	-	-	-	-	**038171A**	**038171B**
Pink	-	**037576**	**038172**	-	-	-
Violet	-	-	-	-	**038173A**	**038173B**
Yellow	-	**037577**	-	-	**048020A**	**048020**
€	-	**N/A -**	**N/A -**	-	**N/A -**	**N/A -** 10 units
Natural	-	**037573**	-	-	**048017A**	**048017**
€	-	**N/A -**	-	-	**N/A -**	**N/A -** 10 units
Mixed colours	-	**037578**	-	-	-	-
€	-	**N/A -** 5 units	**N/A -** 5 units	-	-	-
Fluorescent blue	-	-	-	-	**038168A**	**038168B**
Fluorescent green	-	-	**038169**	-	**038169A**	**038169B**
Fluorescent orange	-	-	**038170**	**038178**	**038170A**	**038170B**
Fluorescent Pink	-	-	-	-	**038172A**	**038172B**
Fluorescent yellow	-	-	-	-	**038174A**	**038174B**
€	-	-	**N/A -**	**N/A -**	**N/A -**	**N/A -** 10 units
Mixed colours	**045450**	-	-	-	**038175A**	**038175B**
€	**N/A -** 5 units	-	-	-	**N/A -** 5 units	**N/A -** 10 units
Optional transparent lid	-	-	-	-	**048015A**	**048015**
€	-	-	-	-	**N/A -**	**N/A -** 10 units

- **Made of polypropylene**
- **Freezable**
- **Autoclavable**

Configuration A
- Side 1: 32 x 1.5 / 2 ml microtubes + 8 x 0.5 ml microtubes
- Side 2: 32 x 0.5 ml microtubes + 8 x 1.5 / 2 ml microtubes
- Dimensions W x D x H: 258 x 79 x 28 mm

Configuration B
- Side 1: 96 x 1.5 / 2 ml microtubes
- Side 2: 96 x 0.5 ml microtubes
- Dimensions W x D x H: 242 x 120 x 47.5 mm

Configuration D
- Side 1: 96 x 0.2 ml microtubes (individual or in strips)
- Side 2: 96 x 0.5 ml microtubes
- Dimensions W x D x H: 216 x 114 x 38 mm

Configuration E
- Side 1: 12 x 1.5 ml microtubes + 96 x 0.2 ml microtubes (individual or in strips)
- Side 2: 96 x 0.5 ml microtubes
- Dimensions W x D x H: 216 x 114 x 38 mm

* Blue, red, purple
** Blue, fluorescent green, red, purple, yellow

Flipper 4-sided rack

- **In polypropylene, Autoclavable**
- **4 colours: green, blue, red and yellow**

Side A	4 x 50 ml conical tubes
Side B	18 x 5 ml microtubes and 32 x 0.5 ml microtubes
Side C	12 x 15 ml conical tubes
Side D	32 x 1.5 / 2.0 ml microtubes
Dim. W x D x H (mm)	173 x 91 x 51
Cat. No.	**840877**
€/ 4 units	**N/A -**



Adapt-a-Rack Adjustable tube racks

Flexible racks to hold pipes of different diameters.

- **In Polyoxymethylene**
- **Available in different colours for identification**
- **Open sides for viewing markings**
- **Attachable (support from below during transport)**
- **Dimensions L x W x H: 181 x 56 x 76 mm**
- **Autoclavable**

Cat. No.	Colour	Units/ box	€/ box
320140	Blue / Green	2	N/A -
320141	Blue / Yellow	2	N/A -
320142	Pink / White	2	N/A -
320143	Blue / Blue	2	N/A -
320144	White / White	2	N/A -
320145	Pink / Pink	2	N/A -
320146*	Yellow / Yellow	2	N/A -
320147	Green / Green	2	N/A -



* Dimensions: 104 x 202 x 59 mm

Barrel racks

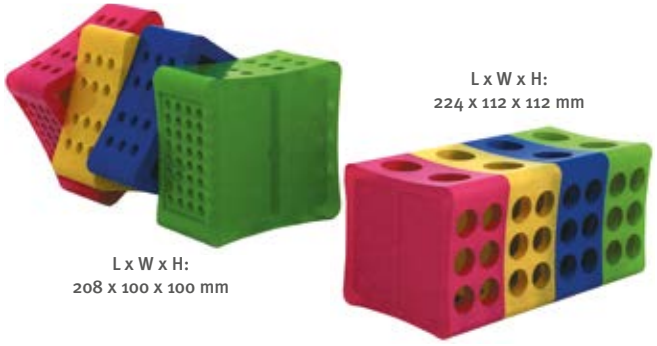


Racks with modules that can be rotated like a barrel. Can be used as a single module or snap-in. Block of 4 racks in green, blue, red and yellow.

- **Polypropylene, autoclavable with caution**

Model	Barrel rack	Eco barrel rack
Dim. L x W x H	108 x 108 x 69 mm	108 x 108 x 68 mm
Temp. Range	- 80 °C to + 121 °C	- 30 °C to + 121 °C
Capacity	2 x 50 ml tubes + 8 x 15 ml tubes	
	12 x 1.5 ml or 2 ml microtubes ø max. 11 mm	9 x 1.5 ml or 2 ml microtubes ø max. 11 mm
	6 microtubes 0.5 ml ø max. 8 mm	
	1 PCR plate (use of 2 modules)	
	6 PCR strips 8 microtubes per module	
	8 PCR strips 12 tubes on 2 modules	
	48 PCR microtubes on 1 module	
Cat. No.	**048021**	**048021B**
€	**N/A -**	**N/A -**

Rota-Rack 4-module circular motion rack



- **Each module rotates and adjusts to the next module**
- **2 models for tubes or microtubes**
- **The 4 modules have different colours (pink, yellow, blue, green)**

Micro Rota-Rack capacity
- 6 x 15 ml microtubes;
- 9 x 1.5-2 ml microtubes;
- 12 x 0.5-0.6 ml microtubes;
- 32 PCR 0.2 ml microtubes or 4 strips of 8 PCR microtubes.

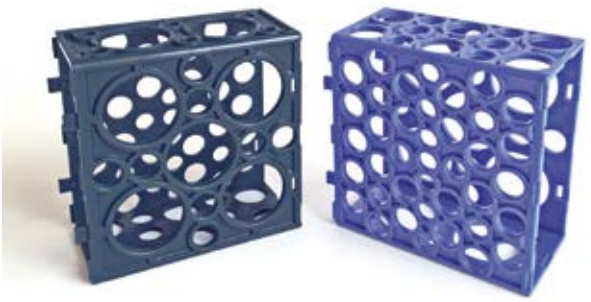
Rota-Rack Macro capacity
- 2 x 50 ml tubes;
- 8 x 15 ml tubes;
- 6 x 16-20 mm tubes;
- 10 x 10-13 mm tubes.

Cat. No.	Description	€
037781	Macro Rota-Rack for tubes	N/A -
037782	Micro Rota-Rack for microtubes	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

MULTI-TUBES RACKS

Multirack snap-in racks



Polypropylene racks with 4 sides, snap-in.

	Blue	Purple
L x W x H (mm)	100 x 95 x 49	100 x 95 x 49
Capacity		
Side 1	5 x 50 ml tubes (30 mm ø) 8 x 1.5 ml microtubes (17 mm ø)	16 x 15 ml tubes (17 mm ø) 9 x 1.5 ml microtubes (12 mm ø)
Side 2	26 x 1.5 ml microtubes (12 mm ø) 13 x 0.5 ml microtubes (8 mm ø)	15 x 1.5 ml microtubes (12 mm ø) 28 x 0.5 ml microtubes (8 mm ø)
Side 3	6 x 15 ml tubes (17 mm ø) 6 x 1.5 ml microtubes (12 mm ø)	6 x 15 ml tubes (17 mm ø) 6 x 1.5 ml microtubes (12 mm ø)
Side 4	2 x 50 ml tubes (30 mm ø)	2 x 50 ml tubes (30 mm ø)
Cat. No.	**888118**	**888119**
€	**N/A -**	**N/A -**

Set of 4 multi-tube racks on tray



Ingenious, multi-purpose, this kit is indispensable on the bench, as it lends itself to all configurations. Consists of a tray and a set of 4 polypropylene racks with 4 sides:

- 1 side for 12 x 0.5 ml microtubes (10 mm ø)
- 1 side for 9 cryotubes (11 mm ø) or 9 x 1.5 ml / 2 ml microtubes
- 1 side for 6 x 15 ml microtubes (17 mm ø)
- 1 side for 2 x 50 ml tubes (30 m ø)

➤ **Each rack can be used individually**

➤ **Mixed colours**

➤ **Can be used from -80 °C to +115 °C**

➤ **Transport (or storage) tray included**

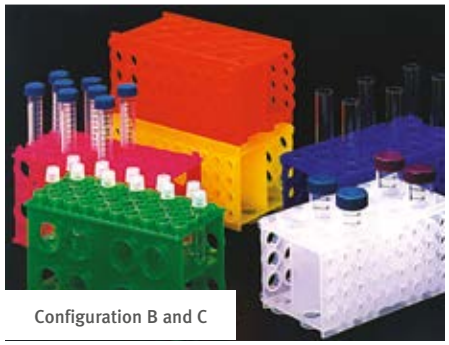
➤ **Rack L x W x H: 92 x 92 x 48 mm**

Cat. No.	Description	€
045428	Set of 4 racks red, blue, white, green + tray	N/A -
045429	Set of 4 fluorescent racks green, orange, pink, yellow + tray	N/A -

Multi-sided reversible racks



Configuration A



Configuration B and C

Configuration D



➤ **To store all diameters of tubes, microtubes, cryotubes, to organise your preparations and to identify your tubes on the bench**

➤ **In polypropylene Autoclavable**

➤ **Water bath and freezer safe**

➤ **Configuration A - 4 sides for:**
- 32 x 0.5 ml microtubes
- 32 x 1.5 ml microtubes or 12 mm ø tubes
- 12 x 15 ml conical tubes, 17 mm ø
- 4 x 50 ml conical tubes, 30 mm ø

L x W x H: 174 x 95 x 52 mm.

➤ **Configuration B - 4 sides for:**
- 8 x 50 ml conical tubes, 30 mm ø
- 20 x 20 mm ø tubes
- 24 x 15 ml conical tubes, 17 mm ø
- 40 x 13 mm ø tubes

L x W x H: 198 x 114 x 95 mm.

➤ **Configuration C - 4 sides for:**
- 12 x 25 mm ø tubes
- 20 x 20 mm ø tubes
- 24 x 15 ml conical tubes, 17 mm ø
- 40 x 13 mm ø tubes

L x W x H: 198 x 114 x 95 mm.

➤ **Configuration D - 4 sides for:**
- 4 x 50 ml conical tubes, 30 mm ø
- 10 x 15 ml conical tubes, 17 mm ø
- 12 x 12 mm ø tubes
- 16 x 1.5 ml or 2 ml microtubes

L x W x H: 108 x 113 x 113 mm.

	Configuration A	Configuration B (snap-in)	Configuration C	Configuration D
Natural	037559	-	-	-
Blue	037560	045431	-	-
Green	037561	045432	-	-
Orange	037562	045433	045441	-
Pink	037563	045434	045442*	-
Yellow	037564	045436	-	-
€	N/A -	N/A -	N/A -	-
5 colours Mixed	037565	045437	045443	037572
€/ 5 units	N/A -	N/A -	N/A -	N/A -

* Red

4-sided rack

- Made of polypropylene
- For 13 to 17 mm tubes
- 4 sides:
  - 12 x 13 mm tubes
  - 18 x 13 mm tubes
  - 12 x 17 mm tubes
  - 18 x 17 mm tubes
- Connectable face to face or end to end
- Can be used in water bath or freezer
- Alphanumeric marking
- Dimensions: 232 x 70 x 95 mm
- Autoclavable



Blue	Violet	Green	Natural	Units/ box	€/ box	Assorted	Units/ box	€/ box
320707	320708	320709	320710	5	N/A -	320706*	5	N/A -

* Blue, purple, green, red, natural.

Angled stand for tube racks



Cat. No.	Angle	€
053569	Fix: 30 °	N/A -
053570	Adjustable: 25, 35, 45 °	N/A -
053571	Adjustable: 0 to 35 °	N/A -

- Better pipetting comfort
- Reduces muscle fatigue
- For holders of 140 x 216 mm maximum
- In acrylic

Tiered racks for microtubes

ClearLine

- Made of polypropylene
- Red, blue or green
- Tiered model
- For 12 x 0.2 ml microtubes, 14 x 0.5 ml microtubes and 17 x 1.5 ml microtubes
- 5 additional slots for 1.5/2 ml microtubes with locking system
- Autoclavable at 121 °C





Red	Blue	Green	€
020452	020453	020454	N/A -

Incu-Shaker™ tube holder



Inclined tube support for 48 tubes: 18 x 1.5 or 2 ml tubes / 12 x 5 ml tubes / 12 x 15 ml tubes / 6 x 50 ml tubes. To facilitate the shaking of the tube content on a shaking platform.

- Polypropylene, autoclavable at 121 °C
- Dimensions base x height x tube support: 159 x 127 x 210 mm

Cat. No.	Description	€
085967	Incu-Shaker Holder	N/A -

Multiple dome rack



For 0.5 ml microtubes to 50 ml tubes

Space-saving, freezable rack for 0.5 ml and 1.5 ml microtubes, 15 ml tubes, 50 ml tubes.

Colour	Red	Pink
Cat. No.	053024	053027
€	N/A -	N/A -

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MULTI-TUBE TIERED RACKS

Universal tiered rack



Anti-shock polystyrene tiered rack for the storage of:
- 5 x 50 ml tubes (30 mm ø);
- 8 x 15 ml tubes (17 mm ø);
- 10 x 5 ml tubes (12 - 13 mm ø);
- 12 x 1.5 ml or 2 ml microtubes (11 - 12 mm ø).

Base dimensions: 134 x 201 mm.
Tier height (bottom to top): 26, 32, 38 and 51 mm.

Coloris	Blue	Green	Yellow	€
Cat. No.	064012	064013	064014	N/A -

Double tiered assembly racks



- **Capacity 20 x 1.5 ml or 2 ml microtubes**
- **Numbered shelf for easy access to microtubes**
- **Assemblable**

Colour	Blue	€ 6 units
Cat. No.	037541	N/A -

Tiered Racks for 48 microtubes



Rigid polypropylene racks for 48 microtubes.

- **Alphanumeric index**
- **Rubber feet**

Cat. No.	Description	€
015170A	Rack for 48 x 0.5 ml or 0.65 ml microtubes	N/A -
015190A	Rack for 48 x 1.5 ml or 2 ml microtubes	N/A -

FlexiRack



- **Modular depending on the number of tubes to be handled**
- **Compatible with 0.5, 1.5, 5, 15 and 50 ml tubes**
- **Colour code according to the tubes**

Cat. No.	Description	Units/ box	€/ box
141109	Complete rack system with shelf bracket	1	N/A -
141111	Rack without shelf bracket	2	N/A -
141159	Holder for 12 x 0.5 ml tubes, red	5	N/A -
141160	Holder for 12 x 1.5 ml tubes, purple	5	N/A -
141161	Holder for 7 x 5 ml tubes, green	5	N/A -
141163	Holder for 3 x 50 ml tubes, orange	5	N/A -

Floating racks for microtubes

- For 1.5 and 2 ml tubes
- Autoclavable
- Can be used from -190 °C to +122 °C

Cat. No.	Description	Units/ bag	Units/ box	€/ box
949862	Floating rack for 24 tubes with hinged box with lid	10	100	N/A -
949863	Floating rack for 24 tubes	10	100	N/A -
949861	Floating rack for 48 tubes with hinged box with lid	5	50	N/A -



Mini floating rack for 12 microtubes

- Polypropylene, autoclavable at 121 °C
- With holding tabs
- For 12 x 1.5 or 2 ml microtubes
- 9.5 cm diameter fits most 100 ml beakers
- Can be used with or without vortex support

Description	Natural	Turquoise	Fuschia	Fluorescent Yellow	€
Mini rack	088752	088753	088754	088755	N/A -
Mini rack with stand	088756	088757	088758	088759	N/A -

Cat. No.	Description	€
088760	Removable holder for vortex	N/A -

088760





Polypropylene racks

Round or square racks for tempering, cooling or incubating microtubes.

- 4 legs hold the rack on the bench
- Temperature resistant from -70 °C to + 100 °C
- Autoclavable
- Alphanumeric markings

Cat. No.	Shape	Microtube type	Capacity	Colour	L x W x H (mm)	€ 4 units
029168	Square	1.5 / 2 ml	16 (4 x 4)	White	103 x 103 x 65	N/A -
029169	Round	1.5 / 2 ml	8	White	ø 66 x 65	N/A -
029170	Round	1.5 / 2 ml	20	White	ø 96 x 65	N/A -



Floating rack for microtubes

- Made of Virgin polypropylene, usable from -80 °C to +121 °C
- For use in a water bath or incubator
- For 18 x 1.5 /2 ml tubes
- Numbered grid
- Grip handle
- H x W x L 40 x 90 x 133 mm

Cat. No.	Description	€ 5 units
442042	White floating rack for microtubes	N/A -



Floating rack with detachable feet

- Made of polypropylene
- Detachable feet

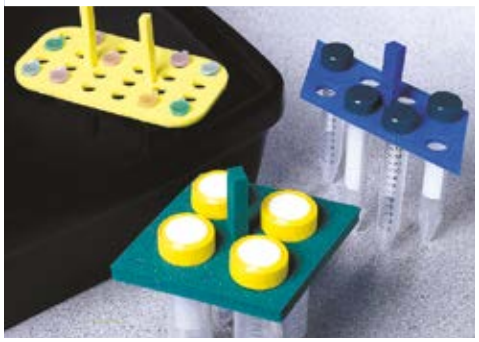
Cat. No.	Shape	For	Colour	€ 4 units
037901	Square (102 mm side)	16 x 1.5 ml tubes	White	N/A -
037903	Round(68 mm diameter)	20 x 1.5 ml tubes	White	N/A -



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FLOATING RACKS/ FOR BOTTLES

Floating foam racks



Foam racks for tubes and microtubes floating in a water bath, with handle.

Cat. No.	Description	Colour	€ 5 units
037544	Racks for 4 x 50 ml tubes, 30 mm ø	Green	N/A -
037545	Racks for 8 x 15 ml tubes, 17 mm ø	Blue	N/A -
037546	Racks for 24 x 1.5 ml or 2 ml microtubes	Yellow	N/A -

Floating rack for PCR microtubes



- In red foam
- For 10 PCR tubes or for 4 x 8-microtube strips

Cat. No.	Description	€ 10 units
030122	Floating rack for 10 PCR tubes	N/A -
030123	Floating rack for 4 x 8-PCR tube strips	N/A -

Floating rack for centrifuge tubes



- Protects samples from loss and contamination
- For 28 x 1.5 to 2 ml centrifuge tubes
- Autoclavable jup to 121 °C

Cat. No.	Description	€
086700	Floating rack for centrifuge tubes	N/A -

Floating foam rack for microtubes



Floating foam rack to fit in 500 ml beakers.

- From 18 microtubes from 0.2 to 1.5 - 2 ml
- With handle to be fixed
- Diameter: 7.62 cm

Cat. No.	Description	€ 5 units
037594	Floating foam rack for 18 microtubes	N/A -

Floating racks for microtubes



- Made of polypropylene
- Tab for holding the tube to the rack
- Carrying handles
- Autoclavable

Cat. No.	Capacity	Dimensions W x D x H (mm)	Units/ box	€/ box
947717	60 x 1.5- 2 ml microtubes	269 x 77 x 43	2	N/A -
088899	24 x 5 ml microtubes	170 x 79 x 54	2	N/A -

Holder for bottles or round flasks



- For different volumes of flasks
- Excellent resistance to organic solvents
- Operating temperature range: - 30 to + 120 °C

Cat. No.	Number of flasks	Volume (ml)	Hole ø x H (mm)	W x D x H (mm)	€
446711	3	100	70 x 91	310 x 100 x 100	N/A -
446706	12	100	70 x 91	384 x 265 x 98	N/A -
446712	2	250	98 x 122	280 x 125 x 130	N/A -
446707	6	250	98 x 122	389 x 239 x 130	N/A -
446708	2	500	121 x 128	360 x 146 x 135	N/A -
446709	2	1000	148 x 156	415 x 192 x 165	N/A -
446710	2	2000	183 x 188	503 x 223 x 199	N/A -

Collection baskets



- Side straps
- Dimensions: 432 x 279 x 279 mm

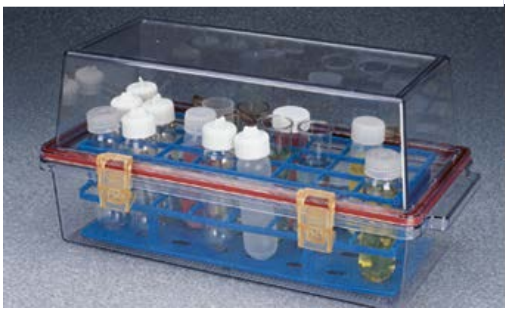
Colour	Blue	€
Cat. No.	320119	N/A -

Transport case

Thermo SCIENTIFIC NALGENE

Closed transport system made of transparent polycarbonate to protect the user during sample transport.

- For use with Unwire racks
- Moulded internal handles
- Clamp closures ensure a good seal
- In compliance with OSHA pathogen transport standard
- Standard 29 CFR Part 1910.1030
- Can be autoclaved when dismantled
- Dim. W x D x H: 370 x 185 x 173 mm



Cat. No.	Description	€
028014	Transport box	N/A -

Transport boxes

- In polycarbonate
- Autoclavable
- Secure closure with 3 fasteners
- Silicone seal
- Carrying handle
- Dividers provided to create compartments
- Dimensions: 380 x 196 x 160 mm





Colour	Transparent blue fasteners	Translucent red	Translucent yellow	€
Cat. No.	320096	320097	320098	N/A -

Stainless steel wire baskets

Round or square stainless steel baskets with handle.



Round baskets

Cat. No.	Shape	Ø x H (mm)	€
140750	Round	140 x 140	N/A -
170751	Round	160 x 160	N/A -
140754	Round	300 x 200	N/A -

Square baskets

Cat. No.	Shape	L x W x H (mm)	€
140758	Square	200 x 200 x 200	N/A -

Aluminium baskets

For storing or washing glass tubes or small accessories. Autoclavable



Cat. No.	L x W x H (mm)	€
037621	152 x 155 x 151	N/A -
037622	256 x 152 x 152	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

BASKETS AND GRIDS

Stainless steel wire baskets



- Stainless steel
- Electrolytically polished
- AISI 304

Dimensions ø x H (mm)	Without grids		With grids	
	Cat. No.	€	Cat. No.	€
150 x 120 mm	068598	N/A -	068602	N/A -
210 x 180 mm	068599	N/A -	068603	N/A -
240 x 180 mm	068601	N/A -	068604	N/A -

Stainless steel mesh baskets



- Stainless steel
- Mesh: 8 mm

Cat. No.	Ø x H (mm)	€
076501	100 x 80	N/A -
076502	120 x 100	N/A -
076503	150 x 120	N/A -
076504	180 x 160	N/A -
076505	210 x 180	N/A -
076506	240 x 180	N/A -
076507	270 x 180	N/A -
076508	300 x 200	N/A -

Pipette holder basket



- Stainless steel
- AISI 304
- Electrolytically polished
- ø x H 250 x 90 mm

Cat. No.	Description	€
068591	Pipette holder basket	N/A -

Glassware dryer

- Power: approx. 1200 W
- 2 speeds, 2 temperatures
- Overheating protection
- Suspension ring
- Folding handle



Cat. No.	Description	€
067231B	Glassware dryer	N/A -

Polystyrene drainer

- Anti-shock
- 4 mm back plate
- 72 places for glassware items with 15 mm diameter openings, and 11 places for 6 mm diameter tubes
- Pegs can be easily removed
- Delivered with drainage kit (connector + hose)
- Draining hose int. diameter 11 mm and ext. diam. 13 mm
- L x H x W: 450 x 63 x 110 mm



Cat. No.	Description	€
391593	Polystyrene drainer	N/A -

Epoxy steel drainer

Epoxy-coated steel rack for drying laboratory dishes.
Includes 14 doubled rods (18 mm wide) ideal for heavy glassware and 12 x 102 mm rods.

- Accepts all dishes: tubes, beakers, erlens, bottles
- With drip tray and polystyrene back
- Practical: can be placed on a table or hung on a wall
- High capacity
- L x H x W: 430 x 480 x 170 mm



Cat. No.	Description	€
045842	Epoxy steel dish drainer	N/A -

Wallmount draining rack

Dim. (mm)	Number of pins			Without draining channel		With draining channel	
	Size of pins			Cat. No.	€	Cat. No.	€
	60 mm	100 mm	150 mm				
400 x 400	5	26	2	795549	N/A -	795547	N/A -
500 x 500	10	39	4	795550	N/A -	795548	N/A -
600 x 600	15	56	6	795546	N/A -	795543	N/A -

- PVC tray
- Repositionable polypropylene pins



Hanging drainers



Made of PVC coated wire.

Cat. No.	Number of heads	L x H (mm)	€
068595	32	400 x 300	N/A -
068596	48	400 x 500	N/A -
068597	88	500 x 620	N/A -

Table or hanging drainer

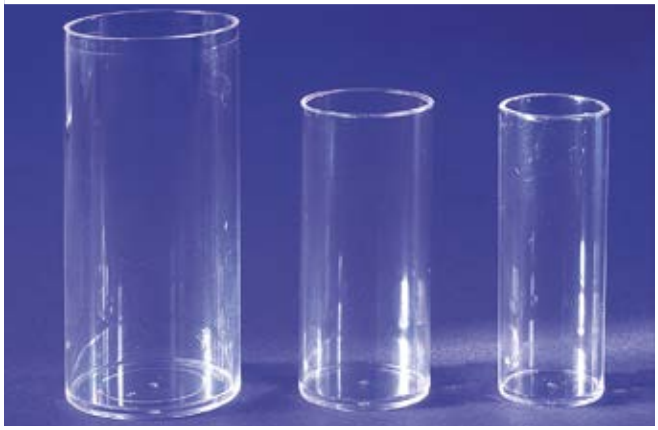
- In PVC plasticised wire
- With 79 heads and drip tray
- H x W: 640 x 500 mm



Cat. No.	Description	€
068592	Table or hanging drainer	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Flat-bottomed polystyrene tubes, non-sterile, uncapped



		Tubes only (non-capped)			Caps Grip stopper		
Volume (ml)	Dimensions (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
28	ø 26 x 64	**205101**	1500	N/A -	**326312**	6000	N/A -
35	ø 31 x 56	**214101**	1300	N/A -	**328312**	5000	N/A -
54	ø 41 x 60	**223101**	800	N/A -	**331312**	2500	N/A -
68	ø 36 x 83	**217101**	605	N/A -	**329312**	3800	N/A -

Drosophila tubes

- **3 resins:**
  - **PS transparent: not autoclavable;**
  - **K resin: ideal for transport, very strong, virtually unbreakable, not autoclavable;**
  - **PP: translucent and autoclavable**
- **2 Tubes formats:**
  - **thin: 25 x 95 mm**
  - **wide: 28.5 x 95 mm**
- **Supplied in trays of 100, arranged 10 x 10 (5 x 100 tubes per box) or in bulk**



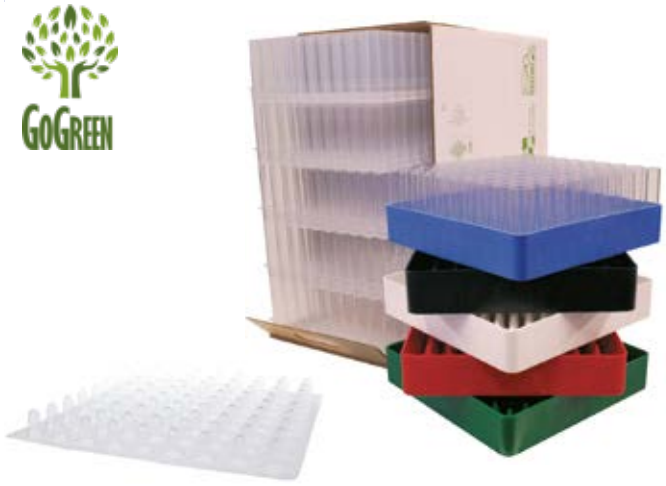
		In bulk			On a tray of 100		
Material	ø x H (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
PS	24 x 75	**789007B**	400	N/A -	-	-	-
PS	25 x 95	**789008**	500	N/A -	**789001B**	500	N/A -
PS	28.5 x 95	**789009**	500	N/A -	**789002**	500	N/A -
K Resine	25 x 95	**789010**	500	N/A -	**789003**	500	N/A -
PP	25 x 95	**789012**	500	N/A -	**789001PP**	500	N/A -
PP	28.5 x 95	**789013**	500	N/A -	**789002PP**	500	N/A -

Tubes other sizes In polystyrene, flat bottom, in bulk.

Cat. No.	Ø x H (mm)	Units/ box	€/ box
205101	24 x 64	1500	N/A -
217101	36 x 83	605	N/A -
999021B	52 x 102 (screw neck)	320	N/A -
080700	25 x 95	500	N/A -
080702	28.5 x 95	400	N/A -

Drosophila tube refill system

GoGREEN



Refill system for Drosophila tubes. The tubes are mounted on trays without walls and slide into the wall trays in seconds.

Cat. No.	Description	€ 144 units
789272	Re-usable 10 x 10 slot distribution insert	N/A -

Flasks

Cat. No.	Material	Ø x H (mm)	Units/ box	€/ box
789220	Polystyrene	25 x 95	5 x 100	N/A -
789222	Polypropylene	25 x 95	5 x 100	N/A -

Refill trays

- **Dimensions L x W: 26 x 26 cm**

Black	Blue	Green	Red	White	Units/ box	€/ box
789223	**789224**	**789225**	**789226**	**789227**	12	N/A -

Droso-plugs™

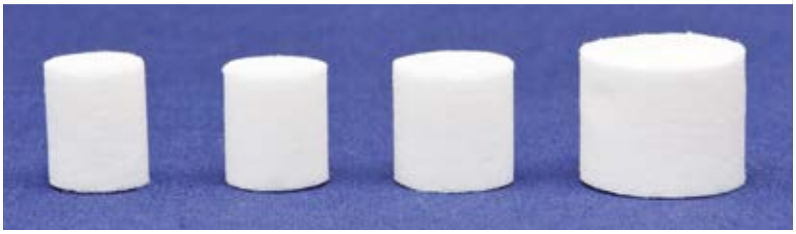


- **Ultra-dense cell structure: 92.1 kg/m²**
- **Easy to close**
- **Reusable (washable)**

Cat. No.	Cap for	Units/ box	€/ box
789190	Bottle	1536	N/A -
789215	Plastic bottle	2560	N/A -
789193	Narrow tube	6760	N/A -
789194	Large tube	4840	N/A -

Flugs™ Caps

- Mothproofing cap
- Dense cellulose acetate for drosophila tubes and bottles
- Better barrier than cotton or rayon



Cat. No.	Cap for	Units/ box	€/ box
789034	Plastic bottle, 38 mm ø	1000	N/A -
789035	Tube 28.5 mm ø	1000	N/A -
789036	Tube 25 mm ø	1000	N/A -
789037	Glass bottle 22 mm ø	1000	N/A -

Tube / cap compatibility table

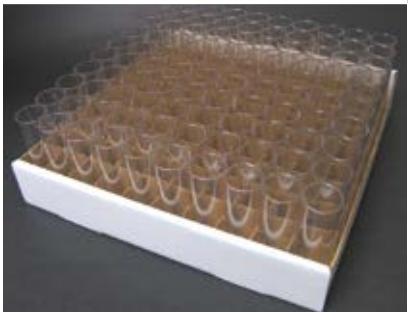





	789034	789035	789036	789037	789028	789038	789042	789044	789043	789041	789046	789045
Tubes 24 x 75 mm				x			x			x	x	x
Tubes 25 x 95 mm			x				x			x	x	x
Tubes 28.5 x 95 mm		x			x			x			x	x
Round PP bottle 64 x 103 mm Cat. No. 789020	x					x					x	x
Round PP bottle 60 x 130 mm Cat. No. 789021	x					x					x	x
Square PP bottle 57 x 103 mm Cat. No. 789022	x					x					x	x
Square PE bottle 57 x 103 mm Cat. No. 789025						x					x	x
Square PE bottle 57 x 103 mm Cat. No. 789024	x					x					x	x
Glass bottle Cat. No. 789040									x		x	x

Cardboard racks for drosophila tubes

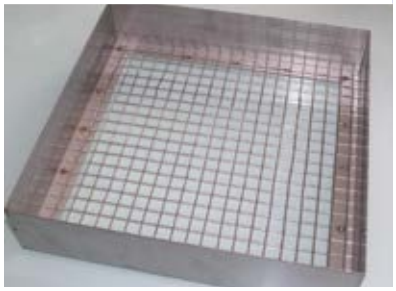
- For Drosophila tubes
- In cardboard with or without partitions for 100 tubes
- In boxes of 50 racks



Cat. No.	Description	Units/ box	€/ box
789016	Tray only - for tubes 25 mm Ø	50	N/A -
789017	Tray only - for tubes 28.5 mm Ø	50	N/A -
789018	Tube partitions 25 mm Ø	50	N/A -
789019	Tube partitions 28.5 mm Ø	50	N/A -

Stainless steel trays

- Trays sold without dividers, to be ordered separately



Cat. No.	Description	€
789217	Stainless steel Tray for 10 x 10 tubes 25 mm	N/A -
789218	Stainless steel Tray for 10 x 10 tubes 28.5 mm	N/A -
789272	Tray dividers 789217 and (144 units)	N/A -



TIP

PANSERIN S2: protein-free culture medium for Drosophila cells (S2 suspension) in 100 and 500 ml: see page 115

Storage bottles for drosophila

- Reusable plastic bottles
- 789024B redesigned: accepts all caps, better visibility, 12.5 ml graduation interval
- 3 materials:
  - polyethylene: good transparency and soft neck, not autoclavable;
  - polypropylene: transparent, rigid neck, autoclavable;µ
  - glass: for very long-term use, autoclavable

Cat. No.	Material	Shape	Vol. (ml)	Ø x H (mm)	Adaptable cap	Units/ box	€/ box
789021	PP	Round	237	64 x 130	Universal	250	N/A -
789022B	PP	Square	177	57 x 103	Universal	250	N/A -
789024B	PE	Square	177	57 x 103	Universal	250	N/A -
789040	Glass	Round	-	63 x 136*	Paper cov + Droso plug	60	N/A -

* height: 136 mm / base ø: 63 mm
High outer ø: 55.5 mm / High inner ø: 42 mm / high inside flange ø: 35.2 mm



789022B and 789024B | 789021 | 789040

Accessory

Cat. No.	Description	€
789053	Aluminium tray for 4 x 5 bottles	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Bouchons gris en mousse ClearLine® Grey foam caps



- In polyether foam P2560
- Reusable
- Smooth surface for marking with a felt-tip pen
- Density 25 kg/m³
- Support 6.3 kPa

Cat. No.	Diameter (mm)	Height (mm)	Units/ box	€/ box
999046CL	50	50	100	N/A -
999047CL	40	40	100	N/A -
999048CL	26	30	100	N/A -

Cotton or rayon balls and ropes



- For capping Drosophila flasks and tubes
- The ropes are cut to the selected dimensions

Cat. No.	Description	Units/ box	€/ box
789041	Rayon ball for 25 mm tube	2000	N/A -
789042	Cotton ball for 25 mm tube	2000	N/A -
789043	Cotton ball for 28.5 mm tube	2000	N/A -
789044	Cotton ball for bottle	2000	N/A -
789301	Cotton ball for extra large bottle	1000	N/A -
789302	Rayon ball for extra large flask	2000	N/A -
789045	Roll of rayon wire	7.5 kg	N/A -
789046	Roll of cotton wire	7.5 kg	N/A -

White or grey foam caps



- Reusable
- White or Grey
- Smooth surface for marking with a felt-tip pen

Cat. No.	Description	Colour	Units/ box	€/ box
330070	Foam cap ø x H = 36 x 40 mm	White	605	N/A -
999036	Foam cap ø x H = 50 x 50 mm	Grey	100	N/A -

Gaze Cheese cloth



- Made of 100% woven cotton
- 28 x 24 wires per square inch
- Unfolded: 91.4 cm x 64 m

Cat. No.	Description	€
789056	Gaze Cheese cloth	N/A -

Filter mesh

Made of stainless steel or nylon.



Stainless steel filter mesh

Cat. No.	Description	€
789048	Stainless steel filter mesh 97 µm	N/A -

NITEX nylon filter cloths

Cat. No.	Porosity (µm)	Applications	€
074002	500	Adult retrieval	N/A -
074004	250	Various	N/A -
074007	100	Embryo retrieval	N/A -
074010	50	CO_2 Filters and nuclear debris filters during the preparation of the larvae	N/A -
074013	30	Various	N/A -

GeneSeal adhesive film



Cat. No.	Description	€
789163	GeneSeal film for 24 mm ø - roll 192 m	N/A -
789164	GeneSeal film for 28.5 mm ø - roll 192 m	N/A -

Droso-Filler filling device



Food filling device for tubes.

- To fill 100 thin diameter tubes
- To fill 100 large diameter tubes
- To fill 25 square bottles at once using the tray

Cat. No.	For	Suitable tubes (mm)	Ext. dimensions (cm)	Int. dimensions (cm)	Distance between holes (cm)	€/ box
789166	Thin tubes	Ø 25	31.4 x 34.9 x 29.2	26 x 27.9 x 14	2.54	N/A -
789167	Large tubes	Ø 28.5	35.5 x 36.8 x 30.5	29.8 x 30.2 x 14	3.17	N/A -
789168	Square bottles	57 x 57	35.5 x 36.8 x 30.5	29.8 x 30.2 x 14	5.71	N/A -

Egg-laying cage for drosophila

Cat. No.	Model	ø x H (cm)	For Petri dishes	Units/ box	€/ box
789127	Mini	3.75 x 5.8	ø 35 mm	4	N/A -
789066	Small	5.6 x 7.6	ø 60 mm	4	N/A -
789092	Big	8.75 x 14.8	ø 100 mm	4	N/A -

Replacement caps

Cat. No.	Cap Model	Units/ box	€/ box
789128	For Mini laying cage (789092)	8	N/A -
789123	For Small laying cage (789066)	8	N/A -
789120	For Large laying cage (789092)	8	N/A -

- In long-lasting acrylic
- Flexible LDPE cage
- Cages for fly embryos
- 97 µm stainless steel filter to facilitate breathing and eliminate condensation
- With flexible LDPE cap that accepts a Petri dish
- The box is held securely in place in the lid
- Clean with soapy water only, do not wash with ethanol or other alcohols



Nutri-Fly media

Standard media for Drosophila

- Bloomington or molasses formulations, supplied in sealed bags or buckets
- Suitable for both large and small quantities of Drosophila media
- The ingredients are those cited by Indiana University, Bloomington Drosophila Stock Center

Composition	Bloomington	Molasses
Cornmeal	x	x
Inactive nutritional yeast	x	x
Nutri-Fly agar, gelidium	x	x
Corn syrup extracts	x	
Soy flour	x	
Solid molasses	x	x

Cat. No.	Formula	Final volume per unit (l)	Pack unit	€
789210	Bloomington	1	10 bags	N/A -
789211	Bloomington	10	10 bags	N/A -
789313	Bloomington	100	1 bucket	N/A -
789238	Molasses	1	10 bags	N/A -
789233	Molasses	10	10 bags	N/A -
798315	Molasses	100	1 bucket	N/A -



Standard medium



German formulation medium



Nutri-fly Instant medium

Nutri-Fly Instant medium

- Instant feeding for Drosophila
- Very easy to use, no cooking required (simply add water to the Nutri-Fly Instant in equal volume in the bottle)
- Contains the anti-fungal agent Tegosept to prevent mould
- Ingredients: potato flakes, dextrose, brewers yeast and Tegosept

Cat. No.	Description	€
789274	Nutri-Fly Instant for 1 l	N/A -

Nutri-Fly German formulation medium

- Ideal for weak Drosophila lines
- Ingredients: brewer's yeast, sucrose, Nutry-Fly agar, yeast extract, $MgSO_4 \times 6H_2O$, dextrose, peptone and $CaCl_2 \times 2H_2O$

Cat. No.	Description	€
789234	Nutri-Fly German formulation	N/A -

Pack of grape-based Agar powder

- Agar rich in flavour and plum colour; simply add water
- Manufactured by freeze-drying which retains the flavours, nutrients and colour of the grapes
- Each pack is designed for 500 ml of Agar
- Microwave or heat on a hot plate
- Approx. yield per pack:
  79 plates ø 35 mm, 47 plates ø 60 mm, 24 plates ø 100 mm

Cat. No.	Description	€ 25 packs
789132	Grape agar for Drosophila embryo growth	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Drosophila accessories

FlowBuddy controller

Cat. No.	Description	€
789099	Flowbuddy regulator	N/A -
789067	FlowBuddy regulator complete* with standard FlyPad	N/A -
789181	FlowBuddy regulator complete* with Ultimate FlyPad	N/A -
789100	FlowBuddy wall-mounted regulator	N/A -
789101	Complete* wall mounted FlowBuddy regulator with standard FlyPad	N/A -
789182	Complete* wall mounted FlowBuddy regulator with Ultimate FlyPad	N/A -

*Complete system: FlowBuddy + anaesthetic handle with spiral tube and 0.05 x 1 3/16" needle (or 0.072 x 1 3/4" needle on request) + standard FlyPad or Ultimate FlyPad holder + 182.88 cm of ø 1/8" tube.

FlyStuff pedal

Cat. No.	Description	€
789102	FlyStuff Pedal	N/A -
789103	Complete FlyStuff Pedal*	N/A -
789180	Complete FlyStuff Peda* with Ultimate Flypad (no frame)	N/A -

* Complete system: 1 FlyStuff pedal + 1 Flypad frame + 152.40 cm of ø 1/8" tube + 1 "T" connection + anaesthetic handle with spiral tube and 0.05 x 1 3/16" needle (or 0.072 x 1 3/4" needle on request).

Accessories for anaesthesia

Cat. No.	Description	€
789110	Transparent tube 33 cm	N/A -
789111	Green tube 33 cm	N/A -
789112	Green spiral tube	N/A -
789113	T" connection	N/A -
789185	Tube reducer 3/16" (4.75 mm)	N/A -
789184	Tube reducer 1/4" (6.40 mm)	N/A -
789124	Tube connector	N/A -

Blowgun anaesthetic handle

Cat. No.	Description	€
789096	Anaesthetic handle	N/A -
789178	Mini Anaesthetic Handle	N/A -
789097	Replacement needle 0.05 x 1 3/16"	N/A -
789098	Long replacement needle 0.05 x 1 3/4	N/A -
789179	Luer lock adapter	N/A -

FlyPad

Cat. No.	Description	€
789060	Standard FlyPad holder 8.1 x 11.6 cm	N/A -
789059	Standard FlyPad frame 127 x 91 x 12 mm	N/A -
789094	Large FlyPad holder 10.1 x 14 cm	N/A -
789095	Large FlyPad Frame 147 x 109 x 12 mm	N/A -
789183	Ultimate FlyPad with accessories*	N/A -
789273	Quick connector for inner ø 3 mm tube or 1/8"	N/A -

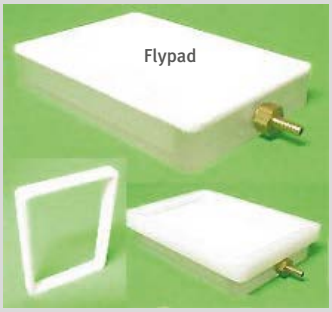
*Each Ultimate FlyPad contains 2 replacement pads, allen key, 152.40 cm of Genesee tube, 2 threaded plugs, 1 (one) 1/8" I.D. threaded input, and 1 (one) 1/4 " I.D. threaded input.

Other accessories

Cat. No.	Description	€
789106	CO_2 cartridge 16 g	N/A -
789114	Adapter, 1/8" x 5/16-3/8"	N/A -
789219	Clear Nail Polish	N/A -

Brushes

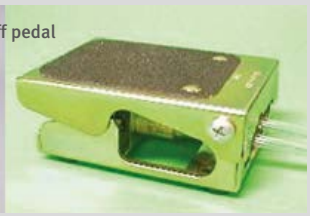
Cat. No.	Description	Units/ box	€/ box
789212	Superconductive brush for drosophila	3	N/A -
789213	Brush and holder for drosophila	1	N/A -


Flypad


Spiral tube

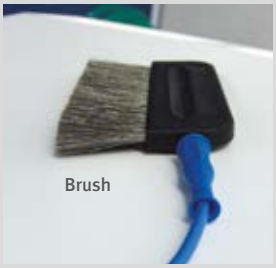

T Connection


FlyStuff pedal




Anaesthetic handle Blowgun and regulator FlowBuddy


Adapters


Brush


789113
789184
789185
789124

Drosophila accessories (continued)

CO2 regulators

- Connection for tubes with an internal Ø of 3.2 mm
- Radiator version specially adapted to high CO2 flow rates, to limit the risk of the mechanism freezing

Cat.No.	Description	€
789296	1-channel CO2 regulator in chrome-plated copper	N/A -
789300	CO2 regulator with radiator and flow meter	N/A -



Simple version



Radiator version

Agar for drosophila

Standard agar

- Used in food processing, excellent dispersion, stabilisation, thickening and gelling properties
- Used in many techniques
- Melting at 85 - 90 °C / gelling at 34 - 38 °C

Agar type II

- Agar USP, basic ingredient in fly food
- Dim 100 mesh
- Batch to batch control
- Used when adding antibiotics - Moorhead agar

Volume (kg)	Standard agar	€	Agar Type II	€
5	789148	N/A -	789150	N/A -
10	789149	N/A -	789201	N/A -
25	789199	N/A -	789202	N/A -
50	-	-	789203	N/A -



Food for drosophila

Tegosept

- Used as a preservative, odourless, tasteless, non-toxic
- Active at low concentration against many micro-organisms
- Synonyms: benzoic acid, p-hydroxy-, methyl ester; methyl paraben; nipagen; Lexgard M.

Cat. No.	Description	€
789063	Tegosept 1 kg	N/A -
789130	Tegosept 5 kg	N/A -
789131	Tegosept 25 kg	N/A -

Yellow cornmeal

- Degermed
- Batch to batch quality control

Cat. No.	Description	€
789147	Yellow cornmeal 5 kg	N/A -
789129	Yellow cornmeal 11.3 kg	N/A -

Sodium propionate

- Safe and economical solution, good alternative to propionic acid
- Powder easily soluble in water
- Used as a preservative.

Cat. No.	Description	€
789177	Sodium propionate 1 kg	N/A -

Molasses

Cat. No.	Description	€
789214	Sulphur Free Molasses 1 gallon 3.78 l	N/A -



Inactive dry yeast

- Natural source of minerals and amino acids in Drosophila nutrition
- Dissolves easily in all fly food recipes

Cat. No.	Description	€
789126	Inactive dry yeast 5 kg	N/A -
789195	Inactive dry yeast 10 kg	N/A -
789196	Inactive dry yeast 22.68 kg	N/A -

Active dry yeast

- Supplied in a 900g bag, vacuum sealed in an aluminium pouch
- Store at room temperature

Cat. No.	Description	€
789093	Active dry yeast 900 g	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Roughage rolls



- Roughage rolls for rodents
- In rolls, compressed, to be fed to animals as a natural enrichment
- Strict production with pneumatic removal of dust particles
- Hermetically sealed in a 3-layer bag
- Product irradiated at 25 kGy
- Composition: 60% straw, 34% hay and 6% molasses

Cat. No.	Description	€
155301	Roughage rolls Ø 6 cm, total weight: 10 kg	N/A -

Animal trimmer



Model	SUPER TRIM	REX MINI
Blades material	Stainless steel	
Blades length (mm)	32	32
Cutting length (mm)	0.4	0.1
Blade speed (rpm)	5750	3000
Battery life (min)	100	-
Dimensions W x D x H (mm)	-	136 x 41 x 35
Weight (g)	130	190
Cat. No.	**067254B**	**067251**
€	**N/A -**	**N/A -**

Nematode sampling system



WormStuff pen with a magnetic clip for a platinum spatula sampling tip.
Pen length: 125 mm Platinum tip Length: 25 mm.

- For easy worm collection and removal
- 2 material choices: pure platinum wire (99.95%), softer or platinum/ iridium wire (90%/10%), stiffer
- 2 diameter choices: gauge 30 (0.254 mm) or gauge 32 (0.203 mm)
- A bulk version allows you to make your own tips (not adaptable to the WormStuff)

WormStuff sampling system - tip holder only

Blue	Black	Green	Violet	Red	€
789270	789277	789278	789279	789280	N/A -

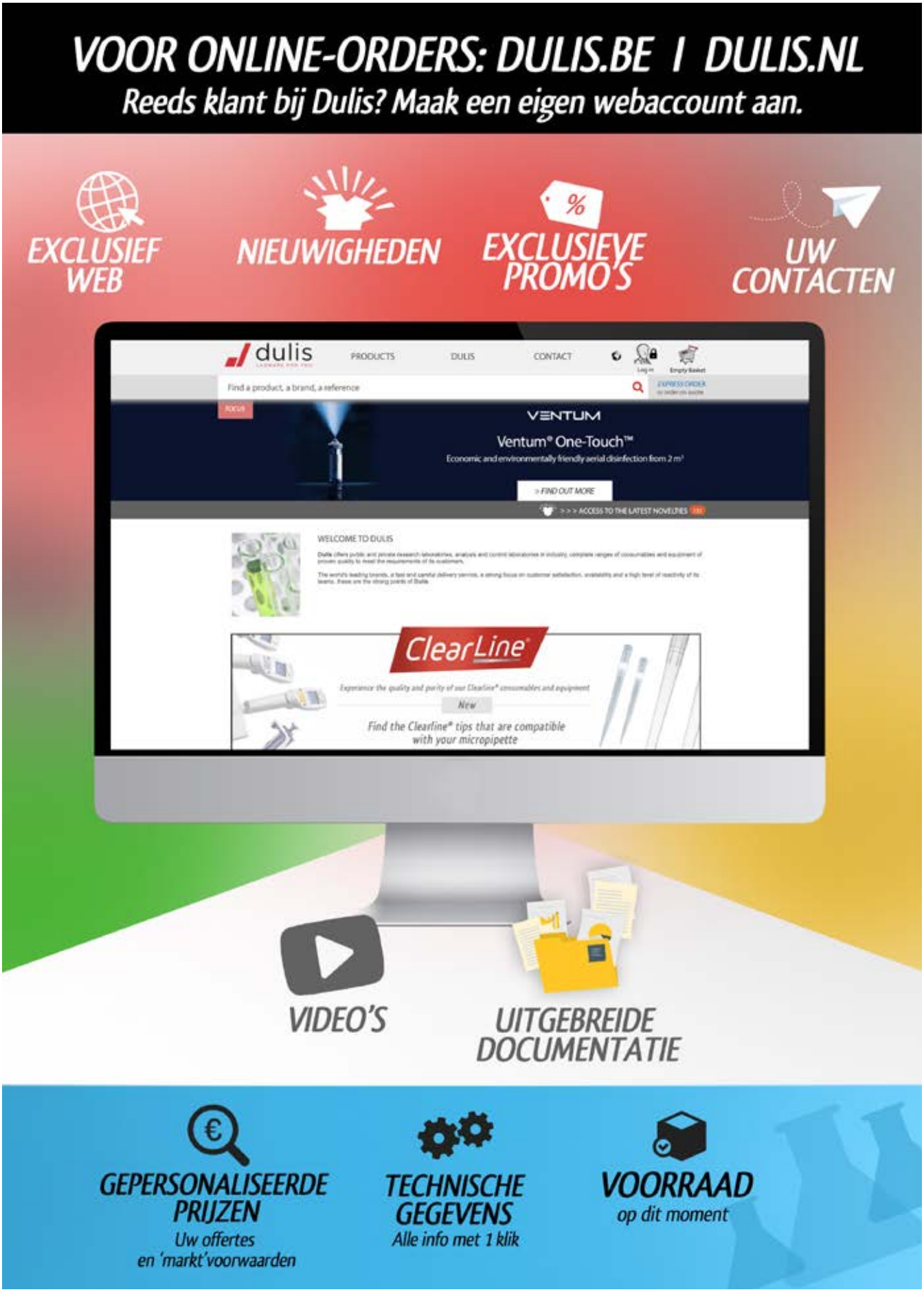
Wire reel

Cat. No.	Description	€
789266	1 meter reel, platinum 99.95 % gauge 30 (diam: 0.254 mm)	N/A -
789267	1 meter reel, platinum 99.95 % gauge 32 (diam: 0.203 mm)	N/A -





				6 needles	36 needles
Worm Pick Gauge	Ø (mm)	% Platinium	% Iridium	Cat. No.	Cat. No.
30	0.254	99.95	‹ 0.005	789260	789263
32	0.203	99.95	‹ 0.005	789261	789264
30	0.254	90	10	789262	789265
			€	N/A -	N/A -


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op dit moment

AN EXTRAORDINARY ADVENTURE



CRYOGENY

• Cryotubes CLEARLINE®	733
• Cryotubes, cryoboxes and accesories NALGENE™ and NUNC™	734 and 736
• Cryotubes CORNING®	736
• Cryotubes GREINER BIO-ONE	736
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• Racks, boxes and miscellaneous cooling elements	766 to 776
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• Dewars, cryopreservers, thawing station	788 to 791

Attention No cryotube is intended to be immersed directly in the liquid phase of liquid nitrogen, but only for storage in the gas phase of nitrogen.
If liquid nitrogen were to enter the tube, there would be a risk of explosion due to the pressure generated by the passage of nitrogen from the liquid phase to the gas phase during the removal and/or thawing of the tubes.

ClearLine® 1D barcode cryotubes



ClearLine® Quality

- ›› Made of medical grade virgin polypropylene
- ›› Can be used down to - 196 °C
- ›› ATP-free
- ›› USP Class VI (non-cytotoxic and non-haemolytic)
- ›› Sterilised by Beta rays, SAL 10^{-6}

Pyro-genic · PCR-inhibitor · Human DNA · DNase RNase · Endo-toxins · CE · IVD

- ➤ **Bi-injected screw cap, plastic and silicone: no risk of leakage and contamination - excellent grip for screwing and unscrewing the cryotube**
- ➤ **Star cap design on the top, for use with automatic cappers/decappers**
- ➤ **Printed graduations, with writing area**
- ➤ **Supplied with a pre-printed random barcode**
- ➤ **Bottom to lock into polycarbonate racks (skirted bottom tubes only)**
- ➤ **Autoclavable (open) with steam at 121 °C for 20 minutes.**

Cryotubes with external thread and caps



390700 390701 390702 390703 390704 390705

Volume (ml)	Skirt	Cryotubes with natural cap	€ 50 units
1	Yes	**390700**	**N/A -**
2	Yes	**390701**	**N/A -**
2	No	**390702**	**N/A -**
3	Yes	**390703**	**N/A -**
4	Yes	**390704**	**N/A -**
5	Yes	**390705**	**N/A -**

Attention: *ClearLine® cryotubes are not intended to be immersed in the liquid phase of liquid nitrogen, but to be stored in its gas phase. There is a risk of the cryotube exploding if liquid nitrogen enters the tube during immersion.*

Cryotubes with internal thread and caps



390706 390707 390708 390709 390710 390711 390712

Volume (ml)	Skirt	Cryotubes with natural cap	€ 50 units
1	Yes	**390706**	**N/A -**
2	Yes	**390708**	**N/A -**
2	No	**390707**	**N/A -**
4	Yes	**390710**	**N/A -**
4	No	**390709**	**N/A -**
5	Yes	**390712**	**N/A -**
5	No	**390711**	**N/A -**

Coloured inserts for cap

Blue	White	Yellow	Violet	Red	Green	€ 100 units	Assorted	€ 6 x 100
390741A	**390742A**	**390743A**	**390789A**	**390745A**	**390746A**	**N/A -**	**390802A**	**N/A -**

Vial pickers

Cat. No.	Description	Units/ box	€/ box
390784	Cryo picker rod	100	**N/A -**
390784AA	Cryo picker rod	1	**N/A -**
390784A	Cryo picker rod	10	**N/A -**



Polycarbonate racks for 40 cryotubes

- ➤ **Autoclavable**
- ➤ **L x W x H: 215 x 100 x 25 mm**
- ➤ **Bottom allowing the tube to be locked in the rack**



Blue	Red	Green	€
390494	**390495**	**390496**	**N/A -**



Find ClearLine® cryotubes with 2D barcode on page 423
Find ClearLine® cryoboxes page 746

All prices are indicative and exclude VAT. Visit www.dulis.nl

Nunc Cryotubes





Nunc quality and reliability.
Polypropylene tubes for the preservation of samples at cryogenic temperatures. All cryotubes are available in a single package.
Nunc cryotubes can be used in a freezer or under liquid nitrogen vapour. When immersed in liquid nitrogen, it is imperative to use cryoflex sheath.

- Sterile, non-pyrogenic, non-toxic
- Can be used down to - 196 °C
- Internal threaded version with silicone seal or external threaded version without seal
- Diameter: 12.5 mm
- With or without fins at the base, to open tubes placed in the special self-locking holder with one hand
- It is possible to place a colour coded insert in the cap

Cryotubes with silicone seal, internal screw thread and writing surface

Cat. No.	Vol. (ml)	Height (mm)	Bottom	Self-standing	Fin	Units/ bag	Units/ box	€/ box
055001	1	43	Conical	Yes	No	50	2000	N/A -
055002	1	43	Conical	Yes	Yes	50	2000	N/A -
055003	1.8	48	Round	Yes	No	50	1800	N/A -
055004	1.8	48	Round	No	No	50	2000	N/A -
055005	1.8	48	Round	Yes	Yes	50	1800	N/A -
055006	3.6	72	Round	No	No	50	1600	N/A -
055007	3.6	72	Round	Yes	Yes	50	1600	N/A -
055008	4.5	92	Round	No	No	50	1200	N/A -
055009	4.5	92	Round	Yes	Yes	50	1200	N/A -

Cryotubes with external thread and Marking surface

Cat. No.	Vol. (ml)	Height (mm)	Bottom	Self-standing	Fin	Units/ bag	Units/ box	€/ box
055011	1	40	Conical	Yes	Yes	50	2000	N/A -
055013	1.8	50	Round	Yes	Yes	50	1800	N/A -
055014	4.5	91	Round	Yes	Yes	50	1200	N/A -

Cryotubes with external thread without writing surface

Cat. No.	Vol. (ml)	Height (mm)	Bottom	Self-standing	Fin	Units/ bag	Units/ box	€/ box
055015	1.2	40	Conical	Yes	Yes	50	2000	N/A -
055016	1.8	50	Round	Yes	Yes	50	1800	N/A -
055017	4.5	91	Round	Yes	Yes	50	1200	N/A -



Colour-coded inserts

Colour-coded inserts to be placed into the cap, with writing surface and notch for gripping the tube or removing the insert.

Colour	White	Blue	Red	Green	Yellow	Orange	Pink	Purple	Grey	Brown	Assorted	€ the box of 500
Cat. No.	055018	055019	055020	055021	055022	055023	055024	055025	055026	055027	055028	N/A -

Stor-It Nunc Storage tubes



WEB

Enter the Cat. No. on dulis.nl to find the Thermo Scientific conservation guide.

- For products storing in quality tubes
- Self-standing, star-shaped base
- Non-mounted polyethylene caps
- Polypropylene, freezable at -196 °C (nitrogen vapour)
- Non-sterile

Cat. No.	Volume (ml)	Ø x H (mm)	Marking surface	Bottom	Units/ bag	€/ bag
056521	1	12.5 x 41	Yes	Conical	500	N/A -
055465	1.8	12.5 x 48	Yes	Round	450	N/A -
056522	4.5	12.5 x 91	Yes	Round	300	N/A -

Rack

Cat. No.	Description	€
055038	Self-locking rack for 40 tubes	N/A -

Racks for cryotubes



- In Polycarbonate, Autoclavable
- With vents in 40 spaces to block cryotubes with fins, which makes it possible to screw and unscrew them with one hand (200 x 100 mm)

Cat. No.	Description	€
055038	Self-locking blue rack 40 holes	N/A -

Nalgene Cryotubes

Polypropylene cryotubes with external high density polyethylene (HDPE) screw cap. With or without graduation. The sterile models are gamma sterilised, non-pyrogenic and non-cytotoxic. Non-sterile models are not autoclavable.

Cat. No.	Volume (ml)	Dimensions (mm)	Grad.	Sterile	Units/ bag	€/ bag*
028001	1.2	13.5 x 38	Yes	Yes	25	N/A -
028038	2	13.5 x 48	Yes	Yes	25	N/A -
028039	5	13.5 x 92	Yes	Yes	10	N/A -

* All Cryovials are available in a box

Cat. No.	Vol. (ml)	Dimens. (mm)	Grad.	Sterile	Units/ bag	Units/ box	€/ box
028040	1.2	13.5 x 38	Yes	Yes	1000	1000	N/A -
028041	2	13.5 x 48	Yes	Yes	1000	1000	N/A -
028042	1.2	13.5 x 38	No	No	1000	1000	N/A -
028043	2	13.5 x 48	No	No	1000	1000	N/A -

Aluminium rod for Nalgene Cryotubes

Cryotube rod for use in cryopreservers or dewar. Each rod is completed with a coloured aluminium tab for identification.

Cat. No.	Description	€ 12 units
029087	290 mm Rod length for 5 Cryotubes	N/A -
029088	300 mm Rod length for 6 Cryotubes	N/A -

Tabs for aluminium rod

Colour	White	€/ 100 units
Cat. No.	029089	N/A -

Rack for cryotubes

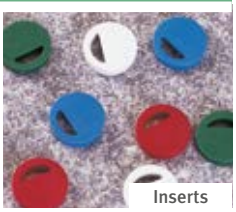


Self-locking rack with 5 rows of 10 tubes. In white polycarbonate. L x W x H: 192 x 102 x 28 mm.

Cat. No.	Description	Cryotube capacity	€
028045	Rack for cryotubes	5 x 10	N/A -






Inserts


Tabs

Colour coded inserts for Nalgene Cryovials

Coloured identification inserts to be inserted in the cap.

Colour	White	Yellow	Blue	Green	Red	€/ 100 units
Cat. No.	028111	028112	028113	028114	028115	N/A -


Aluminium rod



Enter the Cat. No. on dulis.nl to find the Thermo Scientific conservation guide.

Lockable racks for Nunc and Nalgene cryotubes



- In polycarbonate
- Compatible with Nunc and Nalgene cryotubes
- For 48 cryotubes with internal thread or 24 cryotubes with external thread
- Hinged lid with locking system
- Standard format
- For storage in liquid nitrogen vapour

Cat. No.	Description	Dimensions (mm)	€ 10 units
056794	Lockable rack for cryotubes 1 - 2 ml	128 x 86 x 55	N/A -
056795	Lockable rack for cryotubes 3.6 - 5 ml	128 x 86 x 96	N/A -

System 100 Cryotubes

1 or 1.5 ml polypropylene cryotubes with external screw thread. For storage of samples in mechanical freezers or in nitrogen vapour phase. Screw cap with joint to ensure a better seal.

- Can be centrifuged up to 8000 g
- Sterilised by gamma rays
- Self-standing

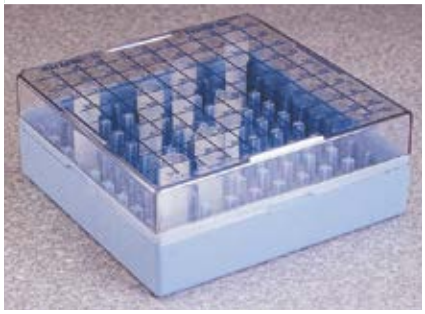
Cyto-toxic Pyro-genic

Cat. No.	Description	Ø x H (mm)	Units/ bag	Units/ box	€/ box
028048	Cryotubes 1 ml syst. 100	12 x 38	25	500	N/A -
028049	Cryotubes 1.5 ml syst. 100	12 x 48	25	500	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Cryobox system 100



Polycarbonate box to store 100 tubes 1 or 1.5 ml.
Designed only for System 100 cryotubes.

- **Autoclavable, usable from -196 °C to + 121 °C**
- **Dimensions: 133 x 133 x 52 mm**

Cat. No.	Description	Capacity	€
028050	Cryobox system 100	10 x 10 tubes	N/A -

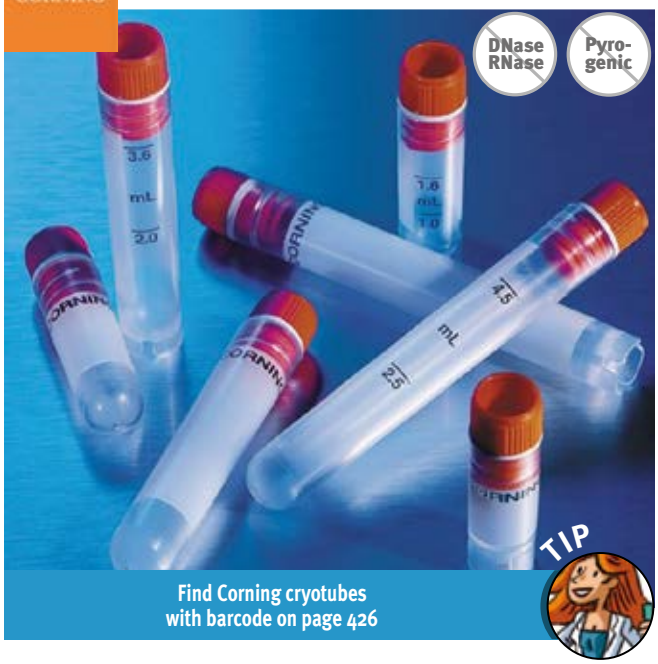
System 100 Cryotube Rack



For opening and closing tubes with one hand.
The bottom of each well holds the tube in place.
L x W x H: 197 x 102 x 22 mm.

Cat. No.	Description	Capacity	€
028051	Rack for systeme 100 cryotubes	25 tubes	N/A -

Cryotubes Corning®



Find Corning cryotubes with barcode on page 426

- **Polypropylene tubes with black graduations**
- **Orange covering or inlet cap in PP with silicone seal**
- **Round or conical bottom, with or without skirt**
- **Withstands from 196- °C to 121+ °C**
- **Sterile**

With cap (external thread)

Cat. No.	Volume (ml)	Bottom	Skirt	Units/ bag	Units/ box	€/ box
430658	1.2	Conical	No	50	500	N/A -
430659	2	Rounded	No	50	500	N/A -
430661	2	Rounded	Yes	50	500	N/A -
430662	4	Rounded	No	50	500	N/A -
430663	5	Rounded	No	50	500	N/A -

With inlet cap (Internal thread)

Cat. No.	Volume (ml)	Bottom	Skirt	Units/ bag	Units/ box	€/ box
430487	1.2	Conical	Yes	50	500	N/A -
430488	2	Rounded	Yes	50	500	N/A -
430489	2	Rounded	No	50	500	N/A -
430490	4	Rounded	No	50	500	N/A -
430491	4	Rounded	Yes	50	500	N/A -
430656	5	Rounded	Yes	50	500	N/A -

Greiner Bio-One Cryotubes Cryo.s™





- **Polypropylene cryotubes for freezing samples to -196 °C**
- **Inner threaded cap with silicone seal (O-Ring) or external threaded with moulded seal**
- **Coloured cap for easy identification, which can be supplemented with a different coloured insert**
- **Sterile, CE IVD**
- **Medical grade PP certified USP Class VI**
- **Scratch-resistant white writing surface**
- **Possibility to produce series with printed barcode**



Volume (ml)	ø x H (mm)	Notched base	Bottom type	Natural cap	Green cap	Yellow cap	Blue cap	Cap Red	Units/ bag	€/ bag
Cryo.s™ Cryotubes with internal thread and silicone seal										
1	12.5 x 42	Yes	Round	123263	123277	123278	123279	123280	100	N/A -
2	12.5 x 48	Yes	Round	122263	122277	122278	122279	122280	100	N/A -
2	12.5 x 48	No	Round	121263	121277	121278	121279	121280	100	N/A -
5	12.5 x 86	No	Round	124263	124275	124276	124274	124273	50	N/A -
Cryotube Cryo.s™ with external thread without seal										
2	12.5 x 47	Yes	Round	126263	126277	126278	126279	126280	100	N/A -
4	12.5 x 83	Yes	Round	127263	127277	127278	127279	127280	50	N/A -

Coloured inserts

Colour	Yellow	Blue	Pink	€ 50 units
Cat. No.	304130	304131	304133	N/A -

Accessory

Cat. No.	Description	€/ box
802501	Rack for 40 cryotubes	N/A -

Cryotubes with reinforced sealing

Cryotubes with external thread and flat joint (Covering cap)



Cryotubes with internal screw thread with flat seal (plug cap)



Sterile polypropylene cryotubes.
The 102027N, 102028N, 102051N have a cylindrical silicone seal, not the flat one found in most cryotubes.
This joint ensures an improved seal and better safety.

- **Notched skirt to lock the tube in the rack**
- **Graduated tubes with identification plate**
- **Sterile**

DNase RNase · Pyro-genic

Cryotubes with external thread and flat seal (Covering cap)

Cat. No.	Volume (ml)	Bottom	Skirt	ø x h (mm)	Pack unit.	Units/ bag	€/ bag
039261	1.2	Conical	Yes	12.5 x 43	100	100	N/A -
039262	2	Round	No	12.5 x 48	100	100	N/A -
039263	2	Round	Yes	12.5 x 49	100	100	N/A -
039264	3	Round	Yes	12.5 x 72	100	100	N/A -
039265	4	Round	Yes	12.5 x 76	100	100	N/A -
039266	5	Round	Yes	12.5 x 93	100	100	N/A -

Cryotube with external thread, self-standing (cover cap)

Cat. No.	Volume (ml)	Bottom	ø x h (mm)	Pack unit.	Units/ bag	€/ bag
039267	10	Round	17 x 84	50	50	N/A -

N.B.: no coloured inserts are available for the 10 ml cryotube Cat. No. 039267

Cryotubes with internal thread and red cylindrical seal

The cylindrical seal, instead of being flat, increases the tightness and safety of the tube.

Cat. No.	Volume (ml)	Bottom	Skirt	ø x h (mm)	Units/ bag	Units/ box	€/ box
039900N	1.2	Round	Yes	12.5 x 41	100	100	N/A -
102027N	2	Round	No	12.5 x 49	100	100	N/A -
102028N	2	Round	Yes	12.5 x 48	100	100	N/A -
102051N	5	Round	No	12.5 x 90	100	100	N/A -

Cryotubes with Internal thread and flat seal (plug cap)

Cat. No.	Volume (ml)	Bottom	Skirt	ø x h (mm)	Pack unit.	Units/ box	€/ box
930487	1.2	Conical	Yes	12.5 x 41	100	100	N/A -
930488	2	Round	Yes	12.5 x 48	100	100	N/A -
930489	2	Round	No	12.5 x 48	100	100	N/A -
930490	4	Round	No	12.5 x 70	100	100	N/A -
930491	4	Round	Yes	12.5 x 72	100	100	N/A -
930492	5	Round	No	12.5 x 90	100	100	N/A -

Cryotube inserts

Colour	White	Blue	Red	Green	Yellow	Brown	Grey	Purple	Orange	Violet	Pink	Assorted*	Pack unit.	Units/ box	€/ box
Cat. No.	039857	039858	039859	039860	039861	039862	039863	039864	039865	039866	039867	039801	100	500	N/A -

* white, blue, red, green, yellow

Cryotubes with external thread

- **Sterile**
- **Graduated polypropylene**
- **Notched skirt for locking on rack**
- **Excellent sealing**
- **Screw-on cap eliminates the risk of contamination**
- **External thread**
- **Without seal**
- **With sealing lip**

DNase RNase · Pyro-genic

Cryotubes with external thread



Cat. No.	Volume (ml)	Bottom	Skirt	Ø x H (mm)	Units/ box	€/ box
039795	1.2	Conical	Yes	12.5 x 41	100	N/A -
039796	2	Round	No	12.5 x 46	100	N/A -
039797	2	Round	Yes	12.5 x 48	100	N/A -
039798	3	Round	Yes	12.5 x 70	100	N/A -
039799	4	Round	Yes	12.5 x 76	100	N/A -
039800	5	Round	Yes	12.5 x 90	100	N/A -
039801	Assortiment of 100 inserts of each colour: white, blue, red, green and yellow				5 x 100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Cryotubes with external threaded cap and red cylinder seal



- Cap with internal sealing lip and silicone seal
- The sealing lip prevents the seal from deforming
- Large marking area
- 1/4 turn closure
- Hollow cap for colour coding with inserts
- Can be centrifuged at 17000 g
- Sterilised by gamma rays
- Supplied in sealed bags of 100 cryotubes

Cat. No.	Volume (ml)	Bottom	Skirt	ø x h (mm)	Units/ box	€/ box
040264	1.2	Conical	Yes	12.5 x 41	100	N/A -
040265	2	Round	No	12.5 x 49	100	N/A -
040266	2	Round	Yes	12.5 x 48	100	N/A -
040267	3	Round	Yes	12.5 x 70	100	N/A -
040268	4	Round	Yes	12.5 x 72	100	N/A -
040269	5	Round	Yes	12.5 x 90	100	N/A -

ECO freezer Cryotubes



Safety and high quality at a low price.

- Made of polypropylene
- Large white marking area
- Graduated
- Waterproof
- Radiation sterilised
- External screw cap
- Can be used down to -196 °C

Cat. No.	Capacity (ml)	External ø (mm)	Height (mm)	Units/ box	€/ box
224000K	1.8	11.36	45.7	2 x 500	N/A -
224001	4.5	11.36	86.5	500	N/A -

Non-sterile Cryotubes



- External screw
- Made of ultra-clear polypropylene
- Polyethylene caps with integrated seal

Non-sterile cryotubes without caps

Cat. No.	Volume (ml)	Skirt	Units/ box	€/ box
064096	0.4	No	1000	N/A -
064097	0.4	Yes	1000	N/A -
064093	1	No	1000	N/A -
064094	1.5	No	1000	N/A -
064095	3.5	No	1000	N/A -

Caps for non-sterile cryotubes

Colour	Natural	Blue	Orange	Green	Lavender	Red	White	Yellow	€ 200 units
Cat. No.	064085	064086	064087	064088	064089	064090	064091	064092	N/A -

CryoElite™tissue sample Cryotube

Wide mouth vial for use with tissue sections.

- Made from low-binding, cryogenic grade virgin polypropylene
- Self-standing bottom
- Dimensions with cap (Ø x H) 22 x 24 mm
- Operating temperature: -196 °C to + 121 °C
- Sterile, non-mutagenic, USP class VI tested
- Autoclavable

Cyto-toxic · Pyro-genic · DNase RNase · Endo-toxins

Cat.No.	Description	Units/ bag	Units/ box	€/ box
054861	CryoElite™ tissue vial 5 ml	25	250	N/A -



CryoFile™freezer boxes

- In Hydrophobic cardboard
- Dimensions (W x L x H): 130 x 130 x 25 mm
- Numbered slots from 1 to 25
- Stackable:
  2 cryofile boxes can be stacked in a standard rack
- Minimum operating temperature: -196 °C

Colour	White	Red	Blue	Green	Yellow	Pink	€
Cat. No.	054862	054863	054864	054865	054866	054867	N/A -



2.5 ml freezer bottle for biopsy

- Wide opening
- Capacity 2.5 ml
- Sterile or non-sterile
- Natural cap
- H x W: 29 x 21 mm
- Body diameter: 16 mm
- Skirted, Self-standing
- For freezing -80 °C

Cat. No.	Description	Units/ box	€/ box
064051	Sterile vial 2.5 ml	500	N/A -
064098	Non-Sterile vial 2.5 ml	1000	N/A -



Coloured caps for biopsy vials

Natural	Blue	Orange	Green	Lavender	Red	White	Yellow	€ 1000 units
064100	064101	064102	064103	064104	064105	064106	064107	N/A -



Freezer boxes for vials

- For 25 vials
- 133 x 133 x 32 mm

Cat. No.	Description	Units/ box	€/ box
064052	Freezer box for 25 biopsy vials	12	N/A -
064052A	Freezer box for 25 biopsy vials	1	N/A -

Transport rack for vials

- Made of HIPS polystyrene
- For 50 x 16.5 mm ø tubes
- Alphanumeric marking
- Dimensions: 30 x 15 x 2.5 cm
- With 2 carrying handles
- Stackable
- For opening tubes with one hand

Cat. No.	Description	Units/ box	€/ box
064049	Transport rack for biopsy vials	1	N/A -



Freezer vial 15 ml

15 ml polypropylene vial. Screw cap in high density polyethylene.

- Wide opening
- Operating temperature: - 80 °C
- ø x H: 33 x 47 mm

Cyto-toxic · Pyro-genic

Cat. No.	Description	Units/ box	€/ box
028044	Freezer box 15 ml sterile	75	N/A -



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CRYOTUBES / CARDBOARD FREEZER BOXES

Cryosystem Protect bead tubes



- Easy to use
- For the preservation of micro-organisms at low temperatures
- 20 transfers per vial
- Colour system for better identification
- Preservation solution suitable for freezing
- Sterilised by gamma irradiation , SAL 10^{-6}
- Shelf life: 24 months after date of manufacture

		Moisture-proof fibre box with identification lid			Polypropylene box			Polypropylene box			In bulk		
	Colour	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
For classical micro-organisms	Light blue	042050	80	N/A -	042064	100	N/A -	042070	100	N/A -	-	-	-
	Yellow	042051	80	N/A -	042065	100	N/A -	042071	100	N/A -	038782	1000	N/A -
	Green	042052	80	N/A -	042066	100	N/A -	042072	100	N/A -	038783	1000	N/A -
	Red	042053	80	N/A -	042067	100	N/A -	042073	100	N/A -	038784	1000	N/A -
	White	042054	80	N/A -	042068	W100	N/A -	042074	100	N/A -	038785	1000	N/A -
	Assorted	042055	80	N/A -	042069	100	N/A -	042075	100	N/A -	-	-	-
For anaerobic micro-organisms	Orange	042060	25	N/A -	-	-	-	-	-	-	-	-	-
For pharmaceutical products	Black	042062	25	N/A -	-	-	-	-	-	-	-	-	-
For dairy products	Lilac	042061	25	N/A -	-	-	-	-	-	-	-	-	-
For yeast	Grey	042063	25	N/A -	-	-	-	-	-	-	-	-	-

ClearLine® White cardboard cryoboxes



- In Hydrophobic cardboard
- With or without dividers mounted in the box
- Min. temperature: -196 °C

Capacity	Dim. (mm)	Divider	Cat. No.	€	Dim. (mm)	Cat. No.	€
-	133 x 133 x 51	No	972014	N/A -	133 x 133 x 75	972017	N/A -
81 cryotubes	133 x 133 x 51	Yes	972015	N/A -	133 x 133 x 75	972018	N/A -
100 microtubes	133 x 133 x 51	Yes	972016	N/A -	133 x 133 x 75	972019	N/A -

ID-color Cryoboxes





- In Hydrophobic cardboard
- Polypropylene dividers
- For 1.5/2 ml microtubes and 2 ml cryotubes
- Alphanumeric grid on lid, bottom and 4 sides
- 5 colours: red, yellow, blue, green and white (*except 010221B: 5 blue boxes)
- Hinged lid

Cat. No.	Dividers	Dimensions L x W x H (mm)	Units/ box	€/ box
010216	9 x 9	133 x 133 x 52	5	N/A -
010217	10 x 10	133 x 133 x 52	5	N/A -
010221B*	10 x 10	133 x 133 x 36	5	N/A -

Freezer boxes for cryotubes or other tubes made of plastic-coated cardboard

Hydrophobic cardboard boxes covered with a coloured plastic film that is completely waterproof.

- **Ideal for very low temperatures**
- **Identification colour**
- **Wide range of stockable tube sizes**
- **L x W with lid: 136 x 136 mm**

Please note: the dividers (grids) must be ordered separately.

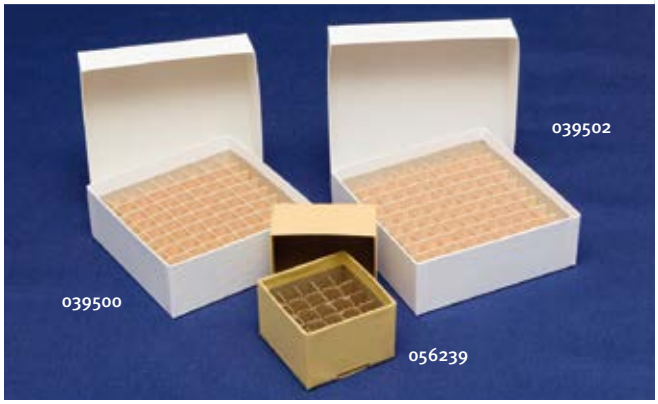


For	PCR Microtubes 0.2 ml	Microtubes 0.5 ml	1 and 2 ml cryotubes and 1.5 and 2 ml microtubes	Cryotubes 4 ml	Cryotubes 5 ml	Various tubes
Boxes without divider						
Capacity	196	169	100	100	100	100
Box height with lid (mm)	32	32	50	75	100	130
White	**039562**	**039562**	**039504**	**039509**	**039514**	**039519**
Yellow	**039563**	**039563**	**039505**	**039510**	**039515**	**039520**
Blue	**039564**	**039564**	**039506**	**039511**	**039516**	**039521**
Green	**039565**	**039565**	**039507**	**039512**	**039517**	**039522**
Red	**039566**	**039566**	**039508**	**039513**	**039518**	**039523**
€ the box without divider	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Dividers only						
For 196 PCR microtubes ø 8 mm 0.2 ml (14 x 14)	**039575**	-	-	-	-	-
For 169 x 0.5 ml microtubes ø 9 mm (13 x 13)	-	**039576**	-	-	-	-
For 100 x 12.5 mm ø tubes (cryotubes)	-	-	**039524**	**039530**	**039530**	**039536**
For 81 x 13.5 mm ø tubes	-	-	**039525**	**039531**	**039531**	**039537**
For 49 x 17 mm ø tubes	-	-	**039526**	**039532**	**039532**	**039538**
For 36 x 22 mm ø tubes	-	-	**039527**	**039533**	**039533**	**039539**
For 25 x 24 mm ø tubes	-	-	**039528**	**039534**	**039534**	**039557**
For 16 x 30 mm ø tubes	-	-	**039529**	**039535**	**039535**	**039541**
€ per divider	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Freezer boxes for cardboard cryotubes

Hydrophobic cardboard boxes for the storage of cryotubes and microtubes of 12 mm diameter. The grids are pre-assembled in the boxes.

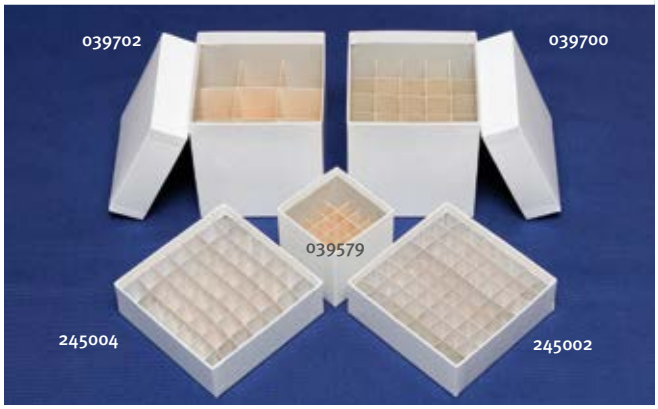
Cat. No.	Boxes for	L x W x H (mm)	No. of compartments	Units/ box	€/ box
056239	Cryotubes 1 to 2 ml	75 x 75 x 50	25 (5 x 5)	24	**N/A -**
039500	Cryotubes 1 to 2 ml	130 x 130 x 50	81 (9 x 9)	48	**N/A -**
039502	Cryotubes 1 to 2 ml	145 x 145 x 50	100 (10 x 10)	42	**N/A -**
039503	Cryotubes 3.6 to 5 ml	145 x 145 x 75	100 (10 x 10)	30	**N/A -**



Cardboard freezer boxes for various tubes

Hydrophobic cardboard boxes for the storage of vials, ampoules, test tubes ø 14 mm or 16 mm, centrifuge tubes 15 ml and 50 ml.

Cat. No.	L x W x H (mm)	Tube ø (mm)	Max. height of the tube (mm)	Capacity tubes	€
245002	130 x 130 x 50	14	47	64	**N/A -**
245003	130 x 130 x 71	14	70	64	**N/A -**
245004	130 x 130 x 50	16	47	49	**N/A -**
245005	130 x 130 x 71	16	70	49	**N/A -**
039700	122 x 122 x 127	17.5	127	25 x 15 ml tubes Falcon®	**N/A -**
039702	122 x 122 x 127	30	127	9 x 50 ml tubes Falcon®	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

CARDBOARD FREEZER BOXES

White or coloured cardboard Cryoboxes with inscription area



- White or coloured hydrophobic cardboard
- With marking surface on the lid
- Supplied with grid insert
- Mixed: pink, pale yellow, pale green, blue, turquoise
- Dimensions: 133 x 133 mm

Cat. No.	Height (mm)	Colour	Cryotube capacity	Units/ box	€/ box
010179	5	Assorted	81	5	N/A -
010181	5	Assorted	100	5	N/A -
010163	7.5	White	81	1	N/A -
010164	7.5	White	100	1	N/A -

Coloured hydrophobic cardboard freezer boxes



Boxes 133 x 133 mm (with lid)

Hydrophobic cardboard freezer boxes for 81 cryotubes.
The dividers must be ordered separately.

Height (mm)	50	75	100
For cryotube	2 ml	4 ml	5 ml
White	039542	039547	039552
Yellow	039543	039548	039553
Green	039544	039549	039554
Blue	039545	039550	039555
Red	039546	039551	039556
€ the box without divider	N/A -	N/A -	N/A -
Divider Cat. No.	039572*	039573	039574
€ per divider	N/A -	N/A -	N/A -

Other dividers height 30 mm for boxes 133 x 133 mm

No. compartments	196	169	144	100	64	49	36	25	16
Tubes (mm)	7	8	9	12	14	16	19	23	30
Cat. No.	039884	039885	039886	039887	039888	039889	039890	039891	039892
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* height: 30 mm

TIP
Other dividers: see page 752

Boxes 136 x 136 mm (with lid)

Hydrophobic cardboard freezer boxes for 81 cryotubes or 13 mm ø tubes or for 100 x 12 mm cryotubes.
The dividers must be ordered separately.

Height (mm)	50	50
For	81 x 2 ml cryotubes	100 x 2 ml cryotubes
White	039818	039818
Yellow	039819	039819
Green	039820	039820
Blue	039821	039821
Red	039822	039822
€ the box without divider	N/A -	N/A -
Divider Cat. No.	039823	039824
€ per divider	N/A -	N/A -

Other dividers height 30 mm for boxes 136 x 136 mm

No. compartments	196	169	144	64	49	36	25	16
Tubes (mm)	7	8	9	14	16	19	23	30
Cat. No.	039575	039576	039893	039894	039526	039527	039528	039529
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Freezer boxes 131 x 131 mm



- In hydrophobic cardboard
- Dimensions with lid: 131 x 131 x 47 mm
- Dividers sold separately

White	039542B
Yellow	039543B
Green	039544B
Blue	039545B
Red	039546B
€ the box without divider	N/A -
Divider 9 x 9 for tubes 2 ml, H. 25 mm	141454
€ per divider	N/A -

Cardboard origami cryo boxes



- Bottom and lid delivered flat to be formed according to instructions
- 134 x 134 x 50 mm
- Can be used with 4 divider models
- High quality finish

Cat. No.	Description	Units/ box	€/ box
013061	Cardboard Cryo Box 134 x 134 x 50 mm	100	N/A -

Grids

Cat. No.	Capacity tubes	For tubes ext. ø (mm)	Units/ box	€/ box
013062	7 x 7	‹ 16	36	N/A -
013063	8 x 8	‹ 14	36	N/A -
013064	9 x 9	‹ 13	36	N/A -
013065	10 x 10	‹ 12	36	N/A -

CARDBOARD FREEZER BOXES

Cardboard Cryoboxes complete marking

- Hydrophobic cardboard Cryoboxes
- For 100 microtubes
- Marked by:
  - alphanumeric grid on the lid on the outer rim;
  - coding on the lid and one side of the box;
  - indication of box number and date.
- 3 heights (with lid): 52 mm, 77 mm and 95 mm

Cat. No.	Dim. with lid H x W x D (mm)	Cryotube capacity	€
141561	52 x 136 x 136	100	N/A -
141562	75 x 136 x 136	100	N/A -
141563	95 x 136 x 136	100	N/A -



Cardboard Cryoboxes with drainage

L x W x H (mm)		133 x 133 x 51	133 x 133 x 76	146 x 146 x 124	76 x 76 x 51
Box only					
Cat. No.		141278	141279	141277	-
€		N/A -	N/A -	N/A -	-
Dividers only					
Grid inserts opening	Tube capacity				
9.5 mm (microtubes 0.5 ml)	144	141288	141288	-	-
11.5 mm (microtubes)	100	141287	141287	-	-
12.7 mm (cryotubes)	81	141286	141286	-	-
14.6 mm	64	141285	141285	-	-
16.7 mm	49	141284	141284	-	-
22 mm (tube 15 ml)	36	-	-	141283	-
24.5 mm	25	141282	141282	-	-
33.5 mm (tube 50 ml)	16	-	-	141280	-
€		N/A -	N/A -	N/A -	-
Box + dividers					
12.7 mm (cryotubes)	81	141290	-	-	-
11.5 mm (microtubes)	100	-	141291	-	-
12 mm (cryotubes)	25	-	-	-	141289
€		N/A -	N/A -	-	N/A -



- In White Hydrophobic cardboard
- With grids for marking the locations (internal and external)
- Opening on the bottom for liquid nitrogen or water drainage

Cryoboxes with coloured edges

- In Hydrophobic cardboard
- Coloured strips on the edges of the lid
- Large marking areas for identification
- Dividers to be ordered separately

Colour	Green	Blue	Orange	Pink	Violet
Cat. No.	141371	141372	141373	141374	141375
€	N/A -	N/A -	N/A -	N/A -	N/A -

Dividers

Cat. No.	Description	€
141287	Dividers for 100 x 11.5 mm Ø microtubes	N/A -
141286	Dividers for 81 x 12.7 mm Ø cryotubes	N/A -



Cardboard freezer boxes for 0.2 ml PCR tubes

- For 0.2 ml PCR tubes or strips of tubes
- 2 stackable units in one slot
- Supplied with dividers

Cat. No.	Capacity	Dimensions W x D x H (mm)	€
141368	196 x 0.2ml PCR tubes or 20 x 8 tube-strip * or 16 x 12 tube strip *	133.3 x 133.3 x 25.4	N/A -

* Maximum value depending on the arrangement of the strips.



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CARDBOARD FREEZER BOXES

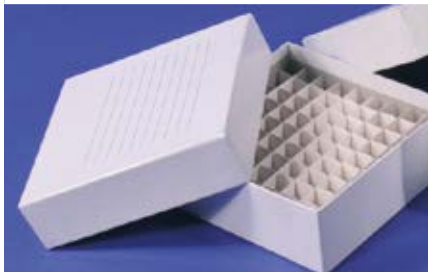
Cryoboxes in plastic-coated cardboard



- White
- Empty boxes (without grid insert)

Cat. No.	Dimensions (mm)	€
850907	136 x 136 x 75	N/A -
850924	136 x 136 x 100	N/A -
850938	133 x 133 x 75	N/A -
850951	133 x 133 x 100	N/A -

Plastic-coated cardboard boxes

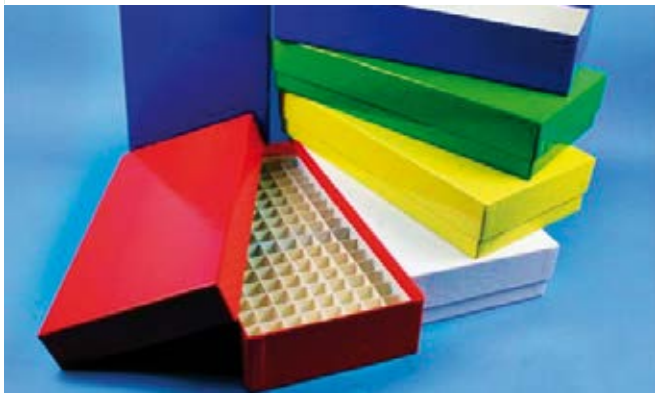


Wterproof Plastic-coated Cardboard boxes

- Grid inserts assembled in the box
- For freezing down to -196 °C
- White

Cat. No.	Dimensions (mm)	Cryotube capacity	€
010185	133 x 133 x 76	81	N/A -
010186	133 x 133 x 76	100	N/A -

Hydrophobic cardboard Freezer boxes for 200 tubes



- Hydrophobic cardboard Boxes
- Dimensions with lid: 133 x 257 mm
- Pre-assembled dividers
- Other sizes available: please contact us

For	10 x 20 tubes ø 12mm
Box height with lid (mm)	50
White	142466
€ per box	N/A -
Blue	142467
Green	142468
Red	142469
Yellow	142470
€ per box	N/A -

Cardboard freezer box



- For 25 x 50 mm diameter tubes, 2 ml standard cryotubes
- Dim. (L x W x H): 86.4 x 86.4 x 38.1 mm

Cat. No.	Description	€
320674	Blue box for 25 tubes	N/A -

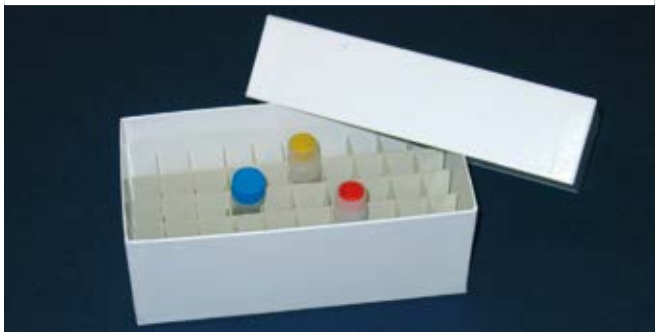
Hydrophobic cardboard box for 25 tubes



- Hydrophobic box
- For 25 x 13 mm ø tubes
- L x W x H with lid: 76 x 76 x 50 mm

Yellow	White	Red	Green	Blue	€
139432	139433	139434	139435	139436	N/A -

Cryobox half size



- In White Hydrophobic cardboard
- Format 136 x 66. x 50 mm
- For cryotubes or tubes up to 50 mm high and 12.8 mm in diameter
- Rows of 5 x 10 holes

Cat. No.	Description	Units/ box	€/ box
030115	Cryobox half size	10	N/A -

Cardboard freezer boxes for 15 ml and 50 ml tubes





- In Hydrophobic cardboard
- Complete with grid inserts
- Can be used down to -198 °C
- Lid with writing surface

Cat. No.	L x W x H (mm)	Capacity	€
010194	146 x 146 x 76	36 x 15 ml tubes 17 mm ø	N/A -
010195	146 x 146 x 76	16 x 50 ml tubes 30 mm ø	N/A -

Cardboard freezer boxes for 15 ml and 50 ml tubes



- Standard or film-coated hydrophobic cardboard boxes
- for 50 ml or 15 ml tubes
- 5 colours for easy storage
- 4 sizes

Cubic boxes

		For x 15 ml tubes				For x 50 ml tubes			
		5 x 5 compartments		6 x 6 compartments		3 x 3 compartments		4 x 4 compartments	
		Dim. With lid 122 x 122 x 128 mm		Dim. With lid 148 x 148 x 128 mm		Dim. With lid 122 x 122 x 128 mm		Dim. With lid 148 x 148 x 128 mm	
Colour	**Type**	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**
White	Standard	142393	N/A -	142348	N/A -	142392	N/A -	142347	N/A -
	Plastic coated	039700	N/A -	142351	N/A -	039702	N/A -	142350	N/A -
Blue	Standard	142375	N/A -	142330	N/A -	142374	N/A -	142329	N/A -
	Plastic coated	142378	N/A -	142333	N/A -	142377	N/A -	142332	N/A -
Yellow	Standard	142397	N/A -	142354	N/A -	142396	N/A -	142353	N/A -
	Plastic coated	142400	N/A -	142357	N/A -	142399	N/A -	142356	N/A -
Green	Standard	142381	N/A -	142336	N/A -	142380	N/A -	142335	N/A -
	Plastic coated	142384	N/A -	142339	N/A -	142383	N/A -	142338	N/A -
Red	Standard	142387	N/A -	142342	N/A -	142386	N/A -	142341	N/A -
	Plastic coated	142390	N/A -	142345	N/A -	142389	N/A -	142344	N/A -

Long boxes



		For x 15 ml tubes				For x 50 ml tubes			
		5 x 10 compartments		6 x 12 compartments		3 x 6 compartments		4 x 8 compartments	
		Dim. with lid 122 x 237 x 128 mm		Dim. with lid 148 x 287 x 128 mm		Dim. with lid 122 x 237 x 128 mm		Dim. with lid 148 x 287 x 128 mm	
Colour	**Type**	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**
White	Standard	142421	N/A -	139861	N/A -	142420	N/A -	139866	N/A -
	Plastic coated	142424	N/A -	142369	N/A -	142423	N/A -	039580	N/A -
Blue	Standard	142403	N/A -	139863	N/A -	142402	N/A -	139868	N/A -
	Plastic coated	142406	N/A -	142360	N/A -	142405	N/A -	039582	N/A -
Yellow	Standard	142427	N/A -	139862	N/A -	142426	N/A -	139867	N/A -
	Plastic coated	142430	N/A -	142372	N/A -	142429	N/A -	039581	N/A -
Green	Standard	142409	N/A -	139864	N/A -	142408	N/A -	139869	N/A -
	Plastic coated	142412	N/A -	142363	N/A -	142411	N/A -	039583	N/A -
Red	Standard	142415	N/A -	139865	N/A -	142414	N/A -	139870	N/A -
	Plastic coated	142418	N/A -	142366	N/A -	142417	N/A -	039584	N/A -

Boxes without compartments



		Dim. with lid 122 x 122 x 128 mm		Dim. with lid 148 x 148 x 128 mm		Dim. with lid 122 x 237 x 128 mm		Dim. with lid 148 x 287 x 128 mm	
Colour	**Type**	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**
White	Standard	142391	N/A -	142346	N/A -	142419	N/A -	142367	N/A -
	Plastic coated	142394	N/A -	142349	N/A -	142422	N/A -	142368	N/A -
Blue	Standard	142373	N/A -	142328	N/A -	142401	N/A -	142358	N/A -
	Plastic coated	142376	N/A -	142331	N/A -	142404	N/A -	142359	N/A -
Yellow	Standard	142395	N/A -	142352	N/A -	142425	N/A -	142370	N/A -
	Plastic coated	142398	N/A -	142355	N/A -	142428	N/A -	142371	N/A -
Green	Standard	142379	N/A -	142334	N/A -	142407	N/A -	142361	N/A -
	Plastic coated	142382	N/A -	142337	N/A -	142410	N/A -	142362	N/A -
Red	Standard	142385	N/A -	142340	N/A -	142413	N/A -	142364	N/A -
	Plastic coated	142388	N/A -	142343	N/A -	142416	N/A -	142365	N/A -

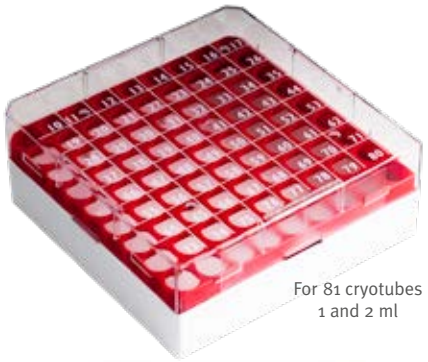
Inserts

	Dim. Box (with lid) 122 x 122 x 128 mm			Dim. Box (with lid) 148 x 148 x 128 mm			Dim. Box (with lid) 122 x 237 x 128 mm			Dim. Box (with lid) 148 x 287 x 128 mm		
	Number of tubes	**Cat. No.**	**€**	**Number of tubes**	**Cat. No.**	**€**	**Number of tubes**	**Cat. No.**	**€**	**Number of tubes**	**Cat. No.**	**€**
For tube 15 ml	5 x 5	142435	N/A -	6 x 6	142437	N/A -	5 x 10	142436	N/A -	6 x 12	142438	N/A -
For tube 50 ml	3 x 3	142431	N/A -	4 x 4	142433	N/A -	3 x 6	142432	N/A -	4 x 8	142434	N/A -
For tube 10 ml	-	-	-	-	-	-	8 x 12	142439	N/A -	-	-	-

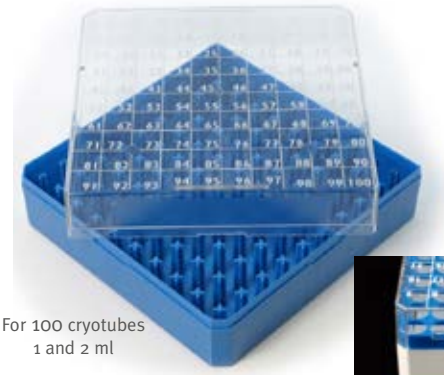


All prices are indicative and exclude VAT. Visit www.dulis.nl

CryoGen® Box polycarbonate cryoboxes



For 81 cryotubes
1 and 2 ml



For 100 cryotubes
1 and 2 ml





- 196 °C to + 121 °C

ClearLine®.Polycarbonate boxes for cryotubes storage

- Polycarbonate box, grid and lid
- Transparent lid, with digital marking of each slot, with cut corners
- For all volumes of ClearLine® cryotubes: 25 and 81 places: coloured grid, white bottom/ to accomodate 100 tubes: white bottom with pins
- Can be used from - 196 °C to + 121 °C , autoclavables 20 min

Cryogen® Box	For	25 cryotubes 1 and 2 ml	81 cryotubes 1 and 2 ml	81 cryotubes 3, 4 and 5 ml*	100 cryotubes** 1 and 2 ml
	Dim. (mm)	76 x 76 x 52	132 x 132 x 52	132 x 132 x 94	132 x 132 x 52
Cryogen® Box: for the storage of your cryotubes. Digital marking printed on the lid. ➤Frosted marking area (box and lid) ➤**Pinned bottom, without grid, on 100 places boxes**	Blue	390476	390479	390482	390491
	Yellow	390699	390697	390698	390489
	Red	390477	390480	390483	390492
	Green	390478	390481	390484	390493
	White	-	-	-	390788
	€	N/A -	N/A -	N/A -	N/A -
Cryogen® Box: for the storage of your cryotubes. Laser engraved digital marking on the lid. ➤Frosted marking area (box and lid)	Blue	-	390733	390737	-
	Yellow	-	390736	390740	-
	Red	-	390734	390738	-
	Green	-	390735	390739	-
	€	-	N/A -	N/A -	-





Frosted marking surface

ClearLine® CryoGen® 1D and 2D barcode Box	For	25 cryotubes 1-2 ml	81 cryotubes 1-2 ml	81 cryotubes 3-4-5 ml	100 cryotubes 2D 2 ml	100 cryotubes 2D 5 ml
	Dim. (mm)	76 x 76 x 52	132 x 132 x 52	132 x 132 x 94	132 x 132 x 52	132 x 132 x 94
Cryogen® Box 2D: Standard barcode + 2D Datamatrix code ➤Standard barcode (code 128) ➤Corresponding 2D Datamatrix code on the bottom of the box ➤**Openings (see photo)*** in the bottom ➤Locking the (skirted) tubes in the bottom ➤Designed for use with 2D Scanners	Blue	-	390717	390721*	-	-
	Yellow	-	390718	390722*	-	-
	Red	-	390719	390723*	-	-
	Green	-	390720	390724*	-	-
	White bottom with pins	-	-	-	390820**	390821**
	€	-	N/A -	N/A -	N/A -	N/A -
Cryogen® Box 1D: standard barcode ➤Standard barcode (code 128) on the edge ➤**Pinned bottom, without grid, on 100 places boxes**	Blue	390804	390808	390812*	-	-
	Yellow	390805	390809	390813*	-	-
	Red	390806	390810	390814*	-	-
	Green	390807	390811	390815*	-	-
	White bottom with pins	-	-	-	390816**	-
	€	N/A -	N/A -	N/A -	N/A -	-

Traceability & Identification

- Laser engraved barcode on the side
- 2D Datamatrix code on the bottom, corresponding to the barcode, standard

* The CryoGen® Box for 81 tubes 3 to 5 ml is not compatible with 4 ml cryotubes with internal screw cap.
** With internal screw cap only.

Storage box for microtubes



Polycarbonate storage boxes: three models for 0.2 ml, 0.5 or 1.5 ml microtubes. Capacity of 64 x 0.2 ml and 1.5 ml tubes and 81 x 0.5 ml tubes.

- For use from -150 °C to +121 °C
- Transparent lid with grid for marking the locations
- Autoclavable
- Dimensions: 133 x 133 x 51 mm

Cat. No.	Description	Units/ box	€/ box
028053	Storage box for 0.2 ml microtubes	4	N/A -
028054	Storage box for 0.5 ml microtubes	4	N/A -
028055	Storage box for 1.5 ml microtubes	4	N/A -

POLYCARBONATE FREEZER BOXES

Polycarbonate boxes with cavities for 81 cryotubes

- Polycarbonate, Autoclavable
- For storage of cryotubes down to - 190 °C
- For 81 or 100 cryotubes, for 1 ml to 5 ml cryotubes
- Transparent lid with alphanumeric index
- Moulded cavities grid in 4 colours choice
- Dimensions: 133 x 133 mm

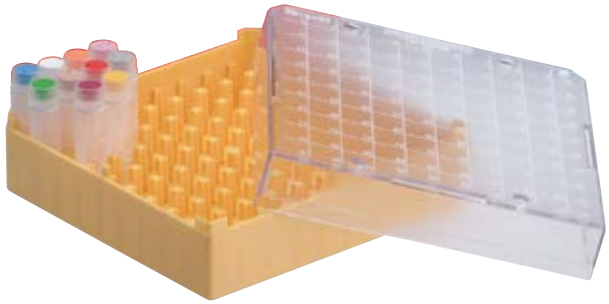


Description	Height (mm)	Blue	Green	Red	Yellow	Units/ box	€/ box
81 x 1 to 2 ml cryotubes	52	039132	039133	039134	039135	4	N/A -
81 x 3 to 4 ml cryotubes	81	039136	039137	039138	039139	6	N/A -
81 x 3 to 5 ml cryotubes	95	039140	039141	039142	039143	5	N/A -
42 x 10 ml cryotubes	95	040736	040737	040738	040739	5	N/A -

Polycarbonate Boxes with grid inserts for 100 cryotubes

Heavy duty polycarbonate box for 100 cryotubes. The internal grid inserts allow for more compact storage and the box holds 100 1-2 ml cryotubes. Dimensions: 133 x 133 x 52 mm.

- Pour x 1 ml to 2 ml cryotubes
- Transparent cover with alphanumeric index
- Autoclavable



For	Blue	Green	Red	Yellow	Units/ box	€/ box
100 x 1 to 2 ml cryotubes	039144	039145	039146	039147	4	N/A -

Storage boxes for cryotubes with barcode

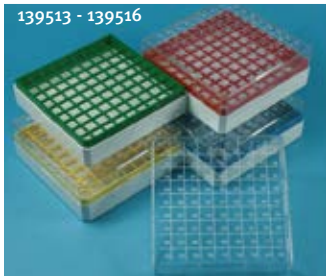
- In polycarbonate
- Dimensions (mm) 132 x 132

Cat. No.	Description	Units/ box	€/ box
431724	Storage box for 81 Cryotubes	10	N/A -
431725	Storage box for 100 Cryotubes	10	N/A -

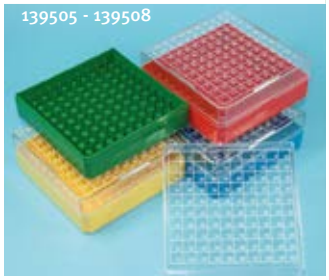
CORNING

Polycarbonate cryoboxes for 25, 81 or 100 tubes









- In polycarbonate
- Transparent lid with grid for the locations
- Can be used down to -196 °C
- Coloured grid inserts

Capacity	L x W x H with lid(mm)	Blue	Green	Red	Yellow	€
5 x 5 cryotubes 1.2 - 2 ml	76 x 76 x 52	139509	139510	139511	139512	N/A -
9 x 9 cryotubes 1.2 - 2 ml	133 x 133 x 52	139513	139514	139515	139516	N/A -
9 x 9 cryotubes 4 - 5 ml	133 x 133 x 95	139517	139518	139519	139520	N/A -
10 x 10 cryotubes 1.2 - 2 ml	133 x 133 x 52	139505	139506	139507	139508	N/A -

Storage box for microtubes

Coloured polycarbonate boxes for the storage of 100 screw-capped microtubes from 0.5 to 2 ml.

- Freezable to - 190 °C / autoclavable to + 121 °C
- Printing of numbers from 1 to 100 on the transparent lid
- Accept markers
- The tubes are held together by dividers
- Base available in 4 colours
- Box dimensions: 133 x 133 x 52 mm



Blue	Green	Red	Yellow	€ 4 units
039360	039361	039362	039363	N/A -

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POLYCARBONATE FREEZER BOXES

Nunc Storage boxes for cryotubes



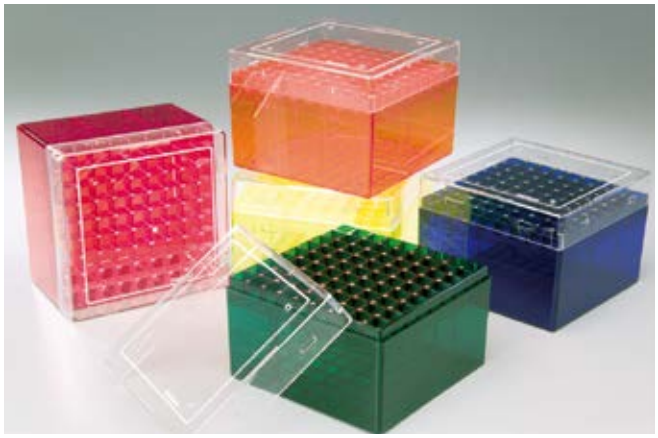
Polycarbonate boxes, autoclavable, with a lid.

- **Complete, with removable grid inserts**
- **Capacity: 100 cryotubes with internal thread**
- **Withstand storage in liquid nitrogen**
- **Alphanumeric index on removable and replaceable label**

	Cryostore Max Box	Megamax Box
Storage boxes		
For cryotubes	1 and 2 ml	3.6 ml
Tube capacity	100	100
L x W (mm)	132 x 132	132 x 132
Height (mm)	52	78
Cat. No.	**055039**	**055040**
€/ 4 boxes	**N/A -**	**N/A -**

CryoFreeze® storage boxes

- **Polycarbonate, transparent colours**
- **For temperatures down to -196 °C**
- **Ventilation holes and vents for better drainage, on the bottom and on the lid**
- **Numerical index on the basis of the box**
- **Transparent lid**



No.of tubes (ml)	100 tubes from 1 to 2 ml	81 x 5 ml tubes	81 x 1 to 2 ml tubes	25 x 1 to 2 ml tubes
Rows	10 x 10	9 x 9	9 x 9	5 x 5
Index	1 to 100	1 to 81	1 to 81	1 to 25
Tube diam.	12	12	12	12
Max. tube height (mm)	49	90	49	49
Dim. (mm)	133 x 133 x 54	133 x 133 x 95	133 x 133 x 54	76 x 76 x 54
Blue	**840658**	**840652**	**840646**	**840640**
Green	**840659**	**840653**	**840647**	**840641**
Orange	**840660**	**840654**	**840648**	**840642**
Red	**840661**	**840655**	**840649**	**840643**
Yellow	**840662**	**840656**	**840650**	**840644**
Assorted*	**840663**	**840657**	**840651**	**840645**
€/ 5 units	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* (1 x blue, 1 x green, 1 x orange, 1 x red, 1 x yellow)

Polycarbonate cryo storage boxes with hinged lid



- **For storage at -196 °C**
- **Polycarbonate, Autoclavable**
- **Hinged lid (except 5 x 5 tube model)**
- **Drainage holes**
- **Stackable**

Model A: - for 25 x 1.2 to 2 ml cryotubes;
- interlocking lid.
Model B: - with inner tray with holes;
- for 9 x 9 cryotubes of 1.2 to 2 ml.
Model D: - for 100 cryotubes with screw thread.

A removal clip is supplied with boxes B, D.

Cat. No.	Description	Model	Colour	For tube volume of	Dimensions (mm)	Units/ box	€/ box
037785	Rack 5 x 5 with lid	A	Red	1.2 to 2 ml	76 x 76 x 53	8	**N/A -**
037786	Standard rack 9 x 9 with lid	B	Assorted	1.2 to 2 ml	133 x 133 x 53	4	**N/A -**
037788	Standard rack 10 x 10 with lid	D	Blue	1.2 to 2 ml	133 x 133 x 53	4	**N/A -**

Polycarbonate cryoboxes with hinged lid



- **Dimensions (mm) 133 x 133 x 51**
- **Temperatures: -196 °C to +121 °C**
- **Autoclavable**
- **1D barcode on each box**
- **Alphanumeric marking on the Lid**
- **Pinned bottom with drainage, capacity 9 x 9 places or 10 x 10 cryotubes 1.2 to 2 ml**

Cat. No.	Description	€ 5 units
062913	PC Cryobox, hinged 81 (9 x 9) places	**N/A -**
062914	PC Cryobox , hinged 100 (10 x 10) places	**N/A -**

Tall Tube Cryoboxes

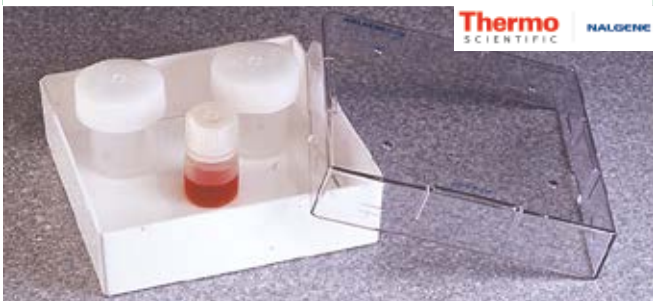
Polycarbonate storage boxes for 81 tubes.

- For 4 and 5 ml tubes up to 93 mm high
- Internal alphanumeric marking
- Hinged lid
- Can be used down to -196 °C
- Autoclavable at +121 °C
- L x W (mm): 133 x 133



Colour	White	Orange	Green	Blue	Yellow	€
Cat. No.	441963	441962	441961	441960	441964	N/A -

Polycarbonate storage box



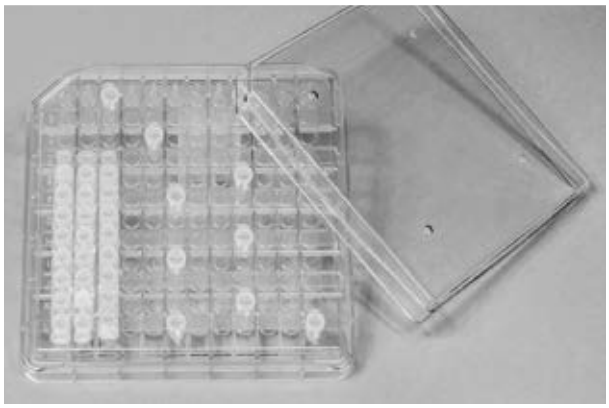
Polycarbonate box without compartment, for storage of vials up to 51 mm high. Autoclavable.

Cat. No.	Description	L x W x H (mm)	Units/ box	€/ box
028052	Storage box	133 x 133 x 51	4	N/A -

Freezer box for 0.2 ml PCR tubes

- In transparent polycarbonate with alphanumeric grid
- Can be used down to - 86 °C
- For 144 PCR tubes 0.2 ml or for PCR tube strips
- Suitable for freezer racks, stackable in pairs in a standard cryobox compartment (with flat caps only)
- Dimensions W x D x H: 132 x 132 x 25 mm

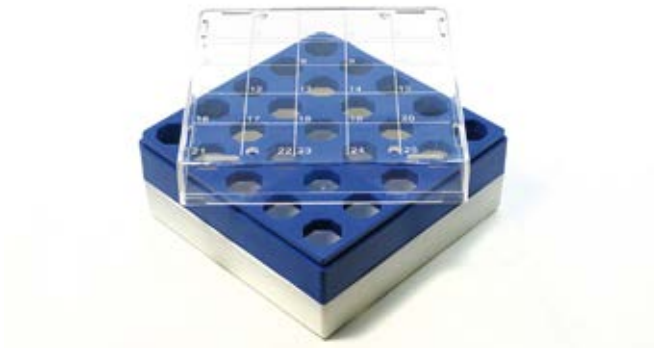
Cat. No.	Description	Units/ box	€/ box
947708	Cryobox for 0.2 ml PCR tubes	5	N/A -



Polycarbonate Freezer box for 5 ml microtubes

- In polycarbonate
- Can be used down to - 190 °C

Cat. No.	Dimensions W x D x H (mm)	Capacity	Units/ box	€/ box
062629	133 x 133 x 69.80	25 x 5 ml microtubes	5	N/A -



Cryoboxes for storage

- In polycarbonate
- For storage of cryotubes with internal or external screw thread
- Autoclavable
- With cavities in white, red, yellow, green, blue or grey
- Can be used from - 196 °C to + 121 °C
- Transparent lid with marking grid

Cat. No.	Capacity	Cavities Colours	L x W x H (mm)	Units/ box	€/ box
028046	5 x 5 tubes 1.2 - 2 ml	White	76 x 76 x 51	8	N/A -
028036	9 x 9 tubes 1.2 - 2 ml	White	133 x 133 x 51	4	N/A -
028423	9 x 9 tubes 1.2 - 2 ml	Red	133 x 133 x 51	4	N/A -
028424	9 x 9 tubes 1.2 - 2 ml	Yellow	133 x 133 x 51	4	N/A -
028425	9 x 9 tubes 1.2 - 2 ml	Green	133 x 133 x 51	4	N/A -
028426	9 x 9 tubes 1.2 - 2 ml	Blue	133 x 133 x 51	4	N/A -
028427	9 x 9 tubes 1.2 - 2 ml	Grey	133 x 133 x 51	4	N/A -
029293	9 x 9 tubes 1.2 - 2 ml	6 assorted colours	133 x 133 x 51	6	N/A -
028047	9 x 9 tubes 5 ml	White	133 x 133 x 95	4	N/A -



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POLYPROPYLENE FREEZER BOXES

Storage box for 81 or 100 tubes



- For 1.5/2 ml tubes or cryotubes
- Hinged lid (100-tube models) or cap (81-tube models)
- Boxes capacity indicated on the side
- In polypropylene Autoclavable

L x W x H (mm)	130 x 130 x 47	141 x 151 x 57
Tube Capacity	81	100
Natural	**320126**	**320134**
Blue	**320127**	**-**
Green	**320128**	**-**
Pink	**320129**	**-**
Yellow	**320130**	**-**
Orange	**320131**	**-**
Assorted	**320132**	**320135**
Black	**320133**	**320136**
€/ 5 units	**N/A -**	**N/A -**

Polypropylene cryoboxes for mounting



- Made of corrugated polypropylene
- Self-assembling
- Not affected by humidity
- Pre-assembled dividers included
- Can be used down to - 80 °C

For	0.2 ml PCR tubes	0.5 ml Microtubes	1.5/2 ml Microtubes	17 mm flasks	5 ml Microtubes	15 ml Tubes	50 ml Tubes
Slots	144	81	81	100	25	36	16
Ø max. (mm)	7.9	12	12	17	22.6	19.8	31.6
Dimensions W x D x H (mm)	133 x 130 x 30	133 x 130 x 42	133 x 133 x 51	187.9 x 198.1 x 40.6	133 x 130 x 75	145 x 147 x 120	145 x 147 x 120
Natural	**320500**	**320504**	**320148**	**320673**	**320511**	**320515**	**320519**
Blue	**320501**	**320505**	**320508**	**-**	**320512**	**320516**	**320520**
Units/box	10	10	10	10	10	10	10
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

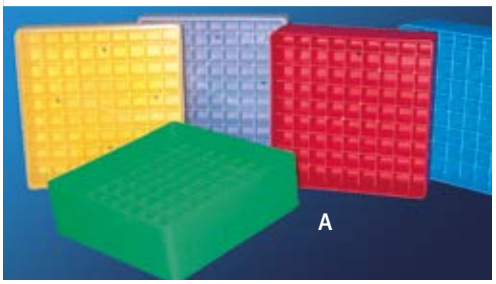
Polypropylene freezer boxes in assorted colours



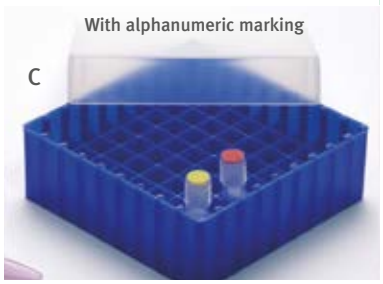
- For 1.5 and 2 ml tubes or cryotubes
- Autoclavable
- With alphanumerically marked lid for use from -90 °C to + 121 °C
- Assorted colours: pink, light green, light blue, light yellow, transparent
- Box 25 tubes: 75 x 75 x 53 mm
- Box 81 tubes: 132 x 132 x 52 mm
- Box 100 tubes: 141 x 154 x 55 mm
- The 100-tube box has a hinged lid, the 81- and 25-tube boxes have a snap-on lid

Cat. No.	Capacity	Units/ box	€/ box
010202B	25 tubes	5	**N/A -**
010203	81 tubes	5	**N/A -**
010204	100 tubes	5	**N/A -**

Polypropylene freezer boxes







Polypropylene Boxes for freezing to -90 °C.
2 Choice of Height:
- 45 mm (the lid rests on the cryotube cap);
- or 50 mm (space between the cryotube cap and the lid);

The model* presents an alphanumeric index on the box.

- **Transparent cover lid**
- **Grid inserts included**
- **Autoclavable**
- **Standard dimensions for all types of freezers**

45 mm and 50 mm high boxes - alphanumeric marking: * next to each well - ** on all 4 sides of the box only - *** on all 4 sides and on the bottom of the box

L x W x H with lid (mm)	130 x 130 x 45 - 53				130 x 130 x 50							
Photo	A	C	B	A	A	C			B		A	
Tube Capacity	81 (9 x 9)	81 (9 x 9)	64 (8 x 8)	49 (7 x 7)	81 (9 x 9)	81 (9 x 9)			64 (8 x 8)		49 (7 x 7)	
Tube type	Cryotubes 2 ml ø 12.5 mm	Cryotubes 2 ml ø 12.5 mm	Microtubes 1.5 ml and 2 ml ø 11 mm	Tubes Up to ø 17 mm	Cryotubes 2 ml ø 12.5 mm	Cryotubes 2 ml ø 12.5 mm			Microtubes 1.5 ml and 2 ml ø 11 mm		Tubes Up to ø 17 mm	
Colour	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No. black marking**	**Cat. No. colourless marking**	**Cat. No. Fluo**	**Cat. No. Standard**	**Cat. No. Fluo**	**Cat. No. Standard**	**Cat. No. Fluo**
Natural	139691	139691N*	139709*	139718	139727	139727N***	142649***	-	139400*	-	139745	-
White	-	-	-	-	-	-	142655***	-	139411*	-	141511	-
Yellow	139692	139692N*	139710*	139719	139728	139728N***	142656***	142650***	139412*	139405*	141512	139746
Blue	139693	139693N*	139711*	139720	139729	139729N***	142657***	142651***	139407*	139401*	141513	139747
Green	139694	139694N*	139712*	139721	139730	139730N***	142658***	142652***	139408*	139402*	141514	139748
Pink	139695	139695N*	139713*	139722	139731	139731N***	-	142653***	-	139404*	-	139749
Orange	139696	139696N*	139714*	139723	139732	139732N***	-	142654***	-	139403*	-	139750
Red	139697	139697N*	139715*	139724	139733	139733N**	142659***	-	139409*	-	139751	-
Violet	139698	139698N*	139716*	139725	139734	139734N**	142660***	-	139410*	-	139752	-
Black	139699	-	139717*	139726	139701	-	142661***	-	139406*	-	139753	-
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Special black	-	-	-	-	-	-	142662***	-	-	139413*	-	141515
€	-	-	-	-	-	-	N/A -	-	-	N/A -	-	N/A -

PCR microtube boxes and tubes up to 50 ml

L x W x H with lid (mm)	130 x 130 x 32		130 x 130 x 37		130 x 130 x 75		130 x 130 x 75-80	130 x 130 x 75-80	130 x 130 x 90-95	130 x 130 x 105	130 x 130 x 128
Tube Capacity	144 (12 x 12)		100 (10 x 10)		64 (8 x 8)		81 (9 x 9)	49 (7 x 7)	81 (9 x 9)	25 (5 x 5)	10
Tube type	0.2ml PCR microtubes individual or in strips		Microtubes ø 11 mm		Cryotubes, tubes up to 11 mm ø		Cryotubes ø 12.5 mm	Tubes up to 17 mm ø	Cryotubes up to 12.5 mm ø	Tubes 16.6 mm ø	Conical culture Tubes 30 mm ø, 50 ml
Colour	**Cat. No. Standard**	**Cat. No. Fluo**	**Cat. No. Standard**	**Cat. No. Fluo**	**Cat. No. Standard**	**Cat. No. Fluo**	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**
Natural	139754	-	139763	-	139420	-	139772	139781	139790	142698*	139808
White	141537	-	141545	-	-	-	-	-	-	-	-
Yellow	141538	139755	139764	141542	-	139424	139773	139782	139791	142699*	139809
Blue	141539	139756	139765	141543	-	139421	139774	139783	139792	142700*	139810
Green	141540	139757	139766	141544	-	139422	139775	139784	139793	142701*	139811
Pink	139758	-	139767	-	-	139425	139776	139785	139794	142702*	139812
Orange	-	139759	-	139768	-	139423	139777	139786	139795	142703*	139813
Red	139760	-	139769	-		-	139778	139787	139796	142704*	139814
Violet	139761	-	139770	-		-	139779	139788	139797	142705*	139815
Black	139762	-	139771	-		-	139780	139789	-	142706*	139816
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Special black	141541	-	141546	-	-	-	-	-	-	-	142982
€	N/A -	-	N/A -	-	-	-	-	-	-	-	N/A -

Polypropylene freezer boxes with alphanumeric grid

- **For 81 cryotubes 1.2, 4 or 5 ml**
- **Made of polypropylene**
- **For freezing cryotubes down to -90 °C**
- **Autoclavable**
- **Transparent cover lid with alphanumeric marking**
- **3 heights: 50, 80 and 97 mm**
- **L x W: 130 x 130 mm**

For cryotubes	Box Dimensions (mm)	Blue	Green	Natural	Red	Yellow	€
1 - 2 ml	130 x 130 x 50	049743	049744	049745	049746	049747	N/A -
4 ml	130 x 130 x 80	049748	049749	049750	049751	049752	N/A -
5 ml	130 x 130 x 97	049753	049754	049755	049756	049757	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

POLYPROPYLENE FREEZER BOXES

Safe Lock polypropylene freezer boxes



Made of polypropylene

- **Suitable for Eppendorf SafeLock tubes and other tubes with 8.5 mm diameter and a height of ' 35 mm**
- **Transparent lid with alphanumeric marking**
- **L x W with lid: 130 x 130 mm**
- **Available heights: 37 and 52 mm**

L x W x H with lid (mm)	130 x 130 x 37		130 x 130 x 52	
Tube Capacity	100 (10x10)		64 (8x8)	
Tube type	Tubes up to 8.5 mm ø		Tubes up to 11 mm ø	
Colours	**Cat. No. Standard**	**Cat. No. Fluo**	**Cat. No. Standard**	**Cat. No. Fluo**
Natural	**140093**	**-**	**139400**	**-**
White	**140098**	**-**	**139411**	**-**
Yellow	**140099**	**140064**	**139412**	**139405**
Blue	**141400**	**140094**	**139407**	**139401**
Green	**141401**	**140095**	**139408**	**139402**
Pink	**140096**	**-**	**-**	**139404**
Orange	**-**	**140097**	**-**	**139403**
Red	**141402**	**-**	**139409**	**-**
Violet	**141403**	**-**	**139410**	**-**
Black	**141404**	**-**	**139406**	**-**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Special black	**141405**	**-**	**139413**	**-**
€	**N/A -**	**-**	**N/A -**	**-**

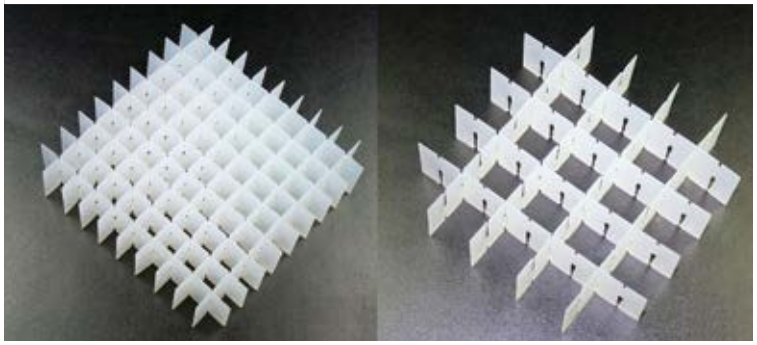
Polypropylene Freezer boxes without compartment



- **2 height available: 52 mm or 37 mm**

L x W x H with lid (mm)	130 x 130 x 52		130 x 130 x 37	
Colours	**Cat. No. Standard**	**Cat. No. Fluo**	**Cat. No. Standard**	**Cat. No. Fluo**
Natural	**141524**	**-**	**141547**	**-**
White	**141530**	**-**	**141553**	**-**
Yellow	**141531**	**141525**	**141554**	**141548**
Blue	**140065**	**141526**	**141555**	**141549**
Green	**141532**	**141527**	**141556**	**141550**
Pink	**141528**	**-**	**141551**	**-**
Orange	**-**	**141529**	**-**	**141552**
Red	**141533**	**-**	**141557**	**-**
Violet	**141534**	**-**	**141558**	**-**
Black	**141535**	**-**	**141559**	**-**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Special black	**141536**	**-**	**141560**	**-**
€	**N/A -**	**-**	**N/A -**	**-**

Dividers for boxes 130 x 130 mm o 133 x 133 mrm



- **In cardboard or polypropylene**
- **6 height available:**
  15 mm, 25 mm, 30 mm, 40 mm, 65 mm and 80 mm

Height	15 mm		25 mm		30 mm				40 mm		65 mm		80 mm	
Material	**Box**	**€**	**Box**	**€**	**Box**	**€**	**PP**	**€**	**Box**	**€**	**Box**	**€**	**Box**	**€**
Pr 16 x 16 tubes ø up to 7.2 mm	**141434**	**N/A -**	**141448**	**N/A -**	**141461**	**N/A -**	**-**	**-**	**141471**	**N/A -**	**141484**	**N/A -**	**141497**	**N/A -**
Pr 15 x 15 mm tubes ø up to 7.7 mm	**141435**	**N/A -**	**141449**	**N/A -**	**141462**	**N/A -**	**-**	**-**	**141472**	**N/A -**	**141485**	**N/A -**	**141498**	**N/A -**
Pr 14 x 14 tubes ø up to 8.3 mm	**141436**	**N/A -**	**141450**	**N/A -**	**039884**	**N/A -**	**-**	**-**	**141473**	**N/A -**	**141486**	**N/A -**	**141499**	**N/A -**
Pr 13 x 13 tubes ø up to 9 mm	**141437**	**N/A -**	**141451**	**N/A -**	**039885**	**N/A -**	**-**	**-**	**141474**	**N/A -**	**141487**	**N/A -**	**141500**	**N/A -**
Pr 12 x 12 tubes ø up to 9.8 mm	**141438**	**N/A -**	**141452**	**N/A -**	**039886**	**N/A -**	**-**	**-**	**141475**	**N/A -**	**141488**	**N/A -**	**141501**	**N/A -**
Pr 11 x 11 tubes ø up to 10.8 mm	**141439**	**N/A -**	**141453**	**N/A -**	**141463**	**N/A -**	**-**	**-**	**141476**	**N/A -**	**141489**	**N/A -**	**141502**	**N/A -**
Pr 10 x 10 ø up to 12 mm	**141440**	**N/A -**	**141454**	**N/A -**	**039887**	**N/A -**	**141464**	**N/A -**	**141477**	**N/A -**	**141490**	**N/A -**	**141503**	**N/A -**
Pr 9 x 9 tubes ø up to 13.6 mm	**141441**	**N/A -**	**880032**	**N/A -**	**880029**	**N/A -**	**141465**	**N/A -**	**039573**	**N/A -**	**039574**	**N/A -**	**141504**	**N/A -**
Pr 8 x 8 tubes ø up to 15 mm	**141442**	**N/A -**	**141455**	**N/A -**	**039888**	**N/A -**	**141466**	**N/A -**	**141478**	**N/A -**	**141491**	**N/A -**	**141505**	**N/A -**
Pr 7 x 7 tubes ø up to 17.3 mm	**141443**	**N/A -**	**141456**	**N/A -**	**039889**	**N/A -**	**141467**	**N/A -**	**141479**	**N/A -**	**141492**	**N/A -**	**141506**	**N/A -**
Pr 6 x 6 tubes ø up to 20.3 mm	**141444**	**N/A -**	**141457**	**N/A -**	**039890**	**N/A -**	**-**	**-**	**141480**	**N/A -**	**141493**	**N/A -**	**141507**	**N/A -**
Pr 5 x 5 tubes ø up to 24.5 mm	**141445**	**N/A -**	**141458**	**N/A -**	**039891**	**N/A -**	**141468**	**N/A -**	**141481**	**N/A -**	**141494**	**N/A -**	**141508**	**N/A -**
Pr 4 x 4 tubes ø up to 30.8 mm	**141446**	**N/A -**	**141459**	**N/A -**	**039892**	**N/A -**	**141469**	**N/A -**	**141482**	**N/A -**	**141495**	**N/A -**	**141509**	**N/A -**
Pr 3 x 3 tubes ø up to 41.2 mm	**141447**	**N/A -**	**141460**	**N/A -**	**141470**	**N/A -**	**-**	**-**	**141483**	**N/A -**	**141496**	**N/A -**	**141510**	**N/A -**

Freezer boxes without compartment

Coloured polypropylene boxes.

- With translucent lid
- Without compartment
- Dimensions 130 x 130 mm
- With or without drainage holes

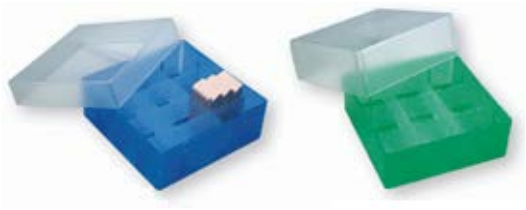
049523



Freezer boxes without drainage holes

Hauteur	Variable height 45 - 55 mm		Fixed height 52 mm		Variable height 75 - 80 mm		Variable height 90 - 95 mm	
Colour	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
Natural	049501	N/A -	049507	N/A -	049513	N/A -	049519	N/A -
Blue	049502	N/A -	049508	N/A -	049514	N/A -	049520	N/A -
Green	049503	N/A -	049509	N/A -	049515	N/A -	049521	N/A -
Red	049504	N/A -	049510	N/A -	049516	N/A -	049522	N/A -
Yellow	049505	N/A -	049511	N/A -	049517	N/A -	049523	N/A -
Black	049506	N/A -	049512	N/A -	049518	N/A -	049524	N/A -

Example of polypropylene boxes + spacers



Freezer boxes with drainage holes

Height	Variable height 45 - 55 mm		Fixed height 52 mm		Variable height 75 - 80 mm		Variable height 90 - 95 mm	
Colour	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
Natural	049525	N/A -	049531	N/A -	049537	N/A -	049543	N/A -
Blue	049526	N/A -	049532	N/A -	049538	N/A -	049544	N/A -
Green	049527	N/A -	049533	N/A -	049539	N/A -	049545	N/A -
Red	049528	N/A -	049534	N/A -	049540	N/A -	049546	N/A -
Yellow	049529	N/A -	049535	N/A -	049541	N/A -	049547	N/A -
Black	049530	N/A -	049536	N/A -	049542	N/A -	049548	N/A -

Grid inserts

To be completed with plastic-coated cardboard grid inserts for 25 or 100 tubes, or with variable autoclavable polypropylene spacers with notches that allow the creation of compartments in various numbers and sizes. With these spacers, it is possible to design any type of storage configuration for tubes, microtubes, histo-cassettes, vials, etc. in a freezer box.

049549 049550 049551



Cat. No.	Description	Material	€
049549	Grid inserts 5 x 5 for 24 mm ø tubes	Plastic-coated cardboard	N/A -
049550	Grid inserts 10 x 10 for 12 mm ø tubes	Plastic-coated cardboard	N/A -
049551	Multi-notch variable spacer	Polypropylene	N/A -

Polypropylene Freezer boxes 136 x 136 mm without compartment

- Polypropylene Freezer boxes up to -80 °C
- Available in 52 mm height or variable height 45 - 53 mm

Colours	136 x 136 x 52 mm	136 x 136 x 45 - 53 mm
Natural	142713	142720
Fluorescent Yellow	142714	142721
Fluorescent blue	142715	142722
Fluorescent green	142716	142723
Fluorescent Pink	142717	142724
Fluorescent orange	142718	142725
€	N/A -	N/A -
Black with black lid	142719	142726
€	N/A -	N/A -



Dividers for box 136 x 136 mm

- Height 30 mm

Capacity	3 x 3	4 x 4	5 x 5	6 x 6	7 x 7	8 x 8	9 x 9	10 x 10	12 x 12	14 x 14	16 x 16
Cat. No.	142727	142728	142729	142730	142731	142732	142733	142734	142735	142736	142737
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

POLYPROPYLENE FREEZER BOXES

Variable height polypropylene cryoboxes



- Made of polypropylene
- Dimensions: 133 x 133 mm, adjustable height: 50 mm or 75 mm
- Digital marking
- Drainage opening
- Autoclavable
- Temperature resistant from - 90 °C to + 121 °C
- Stackable

Tube Capacity	6 x 6	7 x 7	8 x 8	9 x 9	10 x 10
For tubes with ø (mm)	19	17	15	13	11.5
Natural	030131	030138	750207	750214	750221
Yellow	030132	030139	750208	750215	750222
Red	030133	750202	750209	750216	750223
Green	030134	750203	750210	750217	750224
Blue	030135	750204	750211	750218	750225
Black	030136	750205	750212	750219	750226
Assorted	030137	750206	750213	750220	750227
Units/box	5	5	5	5	5
€/box	N/A -	N/A -	N/A -	N/A -	N/A -

Labels for cryoboxes

- Mixed colours: red, yellow, green, blue, purple
- Usable at -150 °C



Cat. No.	Dimensions (mm)	Units/ box	€/ box
030130	200 x 40	5 x 10	N/A -

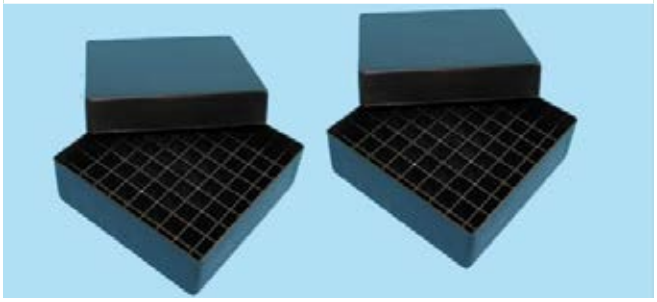
Black opaque freezer boxes



- Made of polypropylene
- For 100 x 0.5, 1.5 or 2 ml tubes and cryotubes
- Operating temperature: -80 °C to +121 °C, autoclavable to 121 °C
- Alphanumeric grid on the box
- Dimension H x W x L: 56 x 143 x 154 mm

Cat. No.	Description	€ 5 units
947870	Black opaque boxes 100 tubes	N/A -

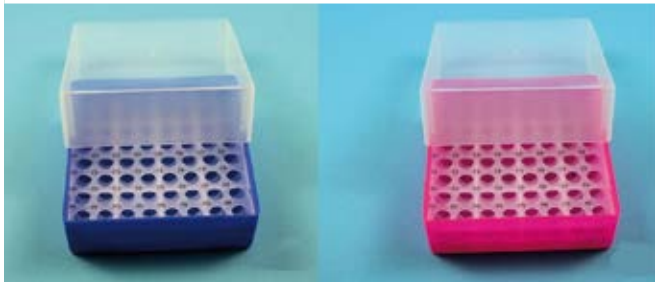
Black boxes for photosensitive samples



- With black opaque polypropylene bottom and lid
- With 9 x 9 grid inserts for 81 x 1.2 or 2 ml cryotubes

Cat. No.	L x W x H with lid (mm)	€
139830	130 x 130 x 45	N/A -
139735	130 x 130 x 50	N/A -

Storage Cryoboxes for 64 tubes



- Made of polypropylene
- Black alphanumeric marking
- Double grid
- For 8 x 8 tubes ø 11mm
- L x W with lid: 130 x 130 mm/ height: 75 mm

Natural	Fluorescent blue	Fluorescent green	Fluorescent orange	Fluorescent yellow	Fluorescent Pink	€
139420	139421	139422	139423	139424	139425	N/A -

Freezer box 100 slots



- Made of polypropylene
- For tube heights up to 50 mm
- For 100 flasks, vials, microtubes 1.5 and 2 ml
- Autoclavable 121 °C
- Alphanumeric grid on the box
- Stackable
- Hinged lid
- H x W x L (mm): 60 x 140 x 140

Natural	Red Orange	Green	Blue	Violet	€	Assorted	€ 5 units
441983	441984	441985	441988	141217	N/A -	441989	N/A -

Freezer boxes for 81 tubes



- Made of polypropylene
- For 81 x 0.5, 1.5 or 2 ml tubes and cryotubes
- Operating temperature from -80 °C to +121 °C
- Alphanumeric grid on the box
- Dimensions H x W x D (mm): 48 x 140 x 140
- Autoclavable 121 °C

* 5 colours: natural, blue, green, orange and purple.

Colours	Natural	Blue	Green	Orange	Violet	Assorted*
Cat. No.	947864	947865	947866	947867	947868	947869
€/ 5 units	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Cryoboxes for 1.5 to 2 ml or 5 ml microtubes

- Made of polypropylene
- Transparent lid
- Withstands down to -86 °C
- Grid with alphanumeric index

Cat. No.	Description	Dimensions L x W x H (mm)	€ 4 units
947835	Cryobox for 81 x 1.5 to 2 ml microtubes	133 x 133 x 51	N/A -
947836	Cryobox for 25 x 5 ml microtubes	133 x 133 x 64	N/A -



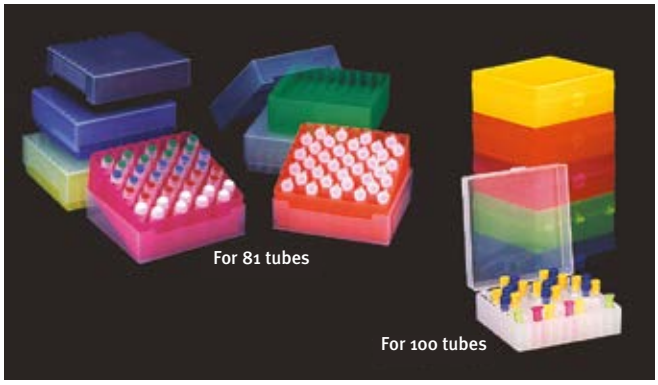


Cryoboxes for 81 or 100 tubes

Polypropylene boxes for 81 or 100 x 1.2 ml, 2 ml cryotubes or 1.5 ml microtubes for storage down to -90 °C.

- Integrated moulded dividers
- Alphanumeric marking
- Fluorescent dyes or natural colour

	Box for 81 tubes	Box for 100 tubes
L x W x H (mm)	125 x 125 x 45	155 x 145 x 55
Lid	Cover lid	Locking flap
Natural	045498	045506
Blue	045499	045507
Green	045500	045508
Orange	045501	045509
Pink	045502	045510
Yellow	045503	045511
Black	045504	-
€	N/A -	N/A -
Assorted colours	045505	045512
€/ pack of 5 boxes	N/A -	N/A -



Storage box 50 x 0.5 ml and 1.5 ml tubes

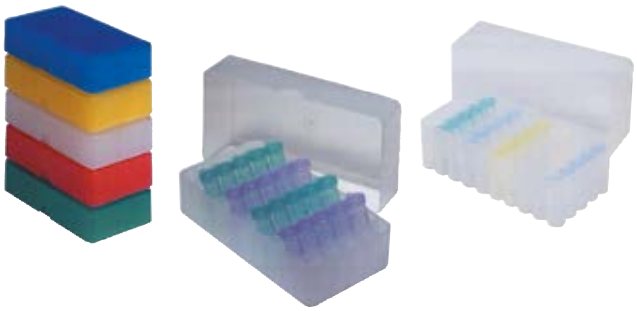
- Made of translucent, autoclavable polypropylene
- Stackable
- Variable height up to 50 mm
- Dimensions: 144 x 75 x 35 à 55 mm (height)

Storage box for 50 x 1.5 ml microtubes

Natural	Red	Green	Blue	Yellow	€	Assorted	€ 5 units
441900	441901	441902	441903	441904	N/A -	441905	N/A -

Storage box for 50 x 0.5 ml microtubes

Cat. No.	Description	€ 5 units
048010	Storage box for 50 microtubes 0.5 ml	N/A -



Cryoboxes for 50 cryotubes

Polypropylene boxes for 50 x 2 ml cryotubes or 1.5 ml or 2 ml microtubes, for storage down to -90 °C.

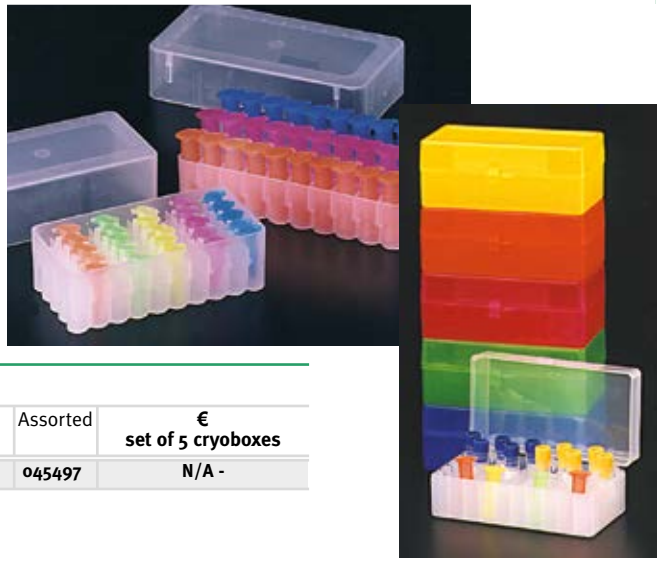
- Integrated moulded dividers, inscription area
- Alphanumeric marking
- Fluorescent dyes or natural colour
- L x W x H: 71 x 152 x 53 mm

Cryoboxes with loose lid

Cat. No.	For 50 microtubes	ø max tube	Internal height	Dimensions (mm)	Units/ box	€/ box
048010	0.5 ml	10 mm	27 mm	121 x 62 x 37	5	N/A -
048011	1.5 / 2 ml	13 mm	34 mm	146 x 76 x 38	5	N/A -

Cryoboxes with hinged, lockable lid for 50 x 1.5 /2 ml microtubes

Colours	Natural	Blue	Green	Orange	Pink	Yellow	€	Assorted	€ set of 5 cryoboxes
Cat. No.	045491	045492	045493	045494	045495	045496	N/A -	045497	N/A -



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POLYPROPYLENE FREEZER BOXES

Storage box for 200 tubes



- Made of polypropylene
- With hinged lid and latch
- For 1.5 ml, 2 ml microtubes, cryotubes, ø 12/13 mm tubes and maximum height 53.5 mm
- 275 x 140 x 60 mm
- Autoclavable 15 min. at 121 °C
- Can be used down to -85 °C
- Stored in the freezer in a vertical aluminium shelf for 6 boxes
- Can be supplemented by an adhesive label with alphanumeric index

Cat. No.	Description	€
441919	Vertical rack for 6 boxes	N/A -

Stackable cryoboxes for 50 microtubes



- For 50 x 1.5 or 2 ml microtubes or cryotubes
- L x W x H: 142 x 92 x 56 mm
- Natural colour or assorted colours (blue, green, purple, yellow, orange)



Cat. No.	Description	Colours	Units/ box	€/ box
320124	Cryoboxes for 50 tubes	Natural	5	N/A -
320125	Cryoboxes for 50 tubes	Assorted*	5	N/A -

* Blue, green, purple, yellow, orange

Storage box for 200 cryotubes or 128 x 1.5 ml microtubes



- Polypropylene box, autoclavable at 121 °C with hinged lid
- Capacity: 20 x 10 tubes (1.5 or 2 ml, HPLC tubes or cryotubes)
- Temperature resistant down to - 90 °C
- Dimensions (L x D x H): 275 x 140 x 60 mm
- Yellow rack with alphanumeric grid sold separately (max. 2 per box)
- Can be converted into a box for 2 x 64 microtubes 1.5 ml by clipping in 2 inserts for 64 microtubes (to be ordered separately)

Cat. No.	Description	€
764045	Storage box for 200 cryotubes	N/A -
764046	Rack for 64 x 1.5 ml tubes	N/A -

Polypropylene box for 16 tubes



- For 4 x 4 tubes
- With or without grid inserts
- Dimensions with lid: 67 x 67 x 45-60 mm

Dividers	Natural	Blue	Green	Orange	Pink	Yellow	Black	€
Yes	139521	139522	139523	139524	139525	139526	139527	N/A -
No	139528	-	-	-	-	-	-	N/A -

Polypropylene box to be mounted for 81 cryotubes



Flat box, saving space when not in use.

- Made of corrugated polypropylene
- Self-assembling
- Not affected by humidity
- Pre-assembled dividers included
- Fo 81 tubes (9 x 9), diameter 12 mm
- Dimensions: 133 x 133 x 51 mm

Cat.No.	Description	Units/ box	€/ box
320148	Polypropylene cryoboxes for mounting	10	N/A -

Storage Cryoboxes for 49 x 17 mm ø tubes

- Made of polypropylene
- Alphanumeric marking with large black characters
- Double grid
- For 7 x 7 tubes ø 17mm
- L x W with lid: 130 x 130 mm
- 2 heights: 52 or 75 mm

Type of Cryobox	Cryoboxes for storage, height 52 mm		Cryoboxes for storage, height 75 mm	
Colours	**Cat. No. Standard**	**Cat. No. Fluo**	**Cat. No. Standard**	**Cat. No. Fluo**
Natural	139414	-	139426	-
White	141516	-	-	-
Yellow	141517	139418	139431	-
Blue	141518	139415	139430	-
Green	141519	139416	139427	-
Pink	139419	-	139429	-
Orange	139417	-	139428	-
Red	141520	-	-	-
Violet	141521	-	-	-
Black	141522	-	-	-
€	N/A -	N/A -	N/A -	-
Special black	141523	-	-	-
€	N/A -	-	-	-





Freezer boxes for microtubes and tubes

Freezer boxes for 25 ml microtubes

- Made of polypropylene
- for 3 x 3 x 30 mm Ø tubes
- Double holding grid included
- Digital location marking
- Ext. Dim. W x L x H: 133 x 133 x 92 mm, internal height: 89 mm

Natural	Fluorescent blue	Fluorescent green	Fluorescent orange	Fluorescent Pink	Fluorescent yellow	€
142951	142952	142953	142954	142955	142956	N/A -



Freezer boxes for 15 ml and 50 ml tubes

- Made of polypropylene
- Double holding grid included
- Digital location marking
- Ext. Dim. W x L x H: 133 x 133 x 128 mm, internal height: 125 mm
- Black lid version for photosensitive samples



Natural	Fluorescent blue	Fluorescent green	Fluorescent orange	Fluorescent Pink	Fluorescent yellow	White	Yellow	Blue	Green	Red	Violet	Black	Black/ black lid	€
Freezer boxes for 15 ml tubes: for 5 x 5 tubes of 17 mm Ø														
142636	142957	142958	142959	142960	142961	142962	142963	142964	142965	142966	142967	142968	142969	N/A -
Freezer boxes for 50 ml tubes: for 3 x 3 tubes of 30 mm Ø														
142691	142970	142971	142972	142973	142974	142975	142976	142977	142978	142979	142980	142981	142690	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

POLYPROPYLENE FREEZER BOXES

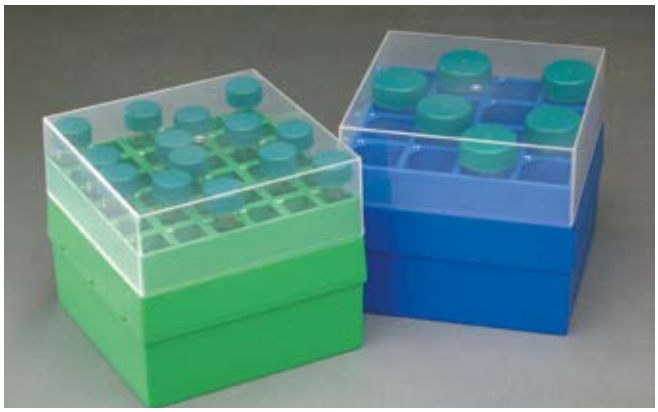
Polarsafe boxes for 15 and 50 ml tubes



- Made of polypropylene
- 2 colours to choose from
- White top for easy marking and reading of the numerical index
- Can be used from - 90 °C to + 122 °C
- Autoclavable
- Transparent lid
- L x W x H: 145 x 145 x 125 mm

Cat. No.	Capacity tubes	Colours	Units/ box	€/ box
141215	36 x 15 ml tubes	Blue	2	N/A -
141216	16 tubes 50 ml	Orange	2	N/A -

Boxes for 15 ml and 50 ml tubes



Polypropylene boxes with grid inserts and lid for 15 ml or 50 ml tubes.

- Alphanumeric index
- Can withstand temperatures from - 80 °C to + 121 °C
- Inscription area on the box
- Can be stored in the freezer or refrigerator

Cat. No.	For	L x W x H (mm)	Units/ box	€/ box
045547	36 x 15 ml tubes	145 x 145 x 126	2	N/A -
045548	16 x 50 ml tubes	145 x 145 x 126	2	N/A -

Storage box for 9 x 50 ml tubes or 16 x 15 ml tubes



- Made of polypropylene
- Autoclavable
- Transparent lid
- Racks with white digital marking
- Supplied with two racks:
  - rack for 9 x 50 ml tubes
  - rack for 16 x 15 ml tubes
- The racks are easy to change and are anchored in the bottom of the box

Cat. No.	Description	€
037982	Storage box for 9 x 50 ml tubes or 16 x 15 ml tubes	N/A -

Freezer boxes for 15 and 50 ml tubes Labcon®

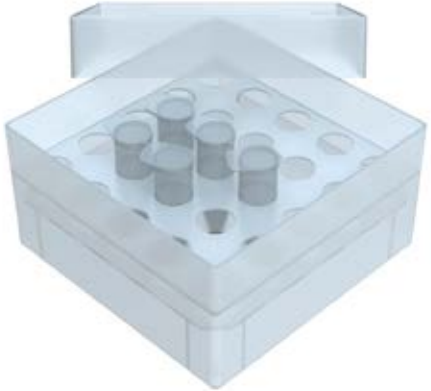




- Made of polypropylene
- Autoclavable
- Can be used from -80 °C to 122 °C

Cat. No.	Description	Units/ box	€/ box
949828	Box for 36 x 15 ml tubes	2	N/A -
949829	Box for 16 x 50 ml tubes	2	N/A -

Cryoboxes for 5 ml microtubes



- Made of polypropylene
- Transparent polycarbonate lid
- For 5 x 5 microtubes 5 ml (Ø: 17 mm)
- Dimensions W x D (mm): 130 x 130
- Variable height from 70 to 80 mm, depending on the position of the lid
- Can be used down to -90 °C
- With drainage holes
- Autoclavable

Colours	Natural	Blue	Green	Red	Yellow	Black	Black*
Cat. No.	140326	140327	140328	140329	140330	140331	140332
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Fully black box, for photosensitive samples

Freezer boxes for 5 ml microtubes

Suitable for 5 ml tubes

- In polypropylene, Autoclavable
- For Ø 17 mm tubes, 5 x 5 slots
- Transparent cover lid
- Double holding grid included
- Digital location marking
- For freezing down to -90 °C
- Dimensions (W x L x H) with lid: 130 x 130 x 67 mm/ internal height: 64 mm

Natural	Blue	Green	Orange	Pink	Yellow	€
142457	142458	142459	142460	142461	142462	N/A -



Mini boxes for cryotubes

For storage and transport of 5 or 10 cryotubes 1 to 1.8 ml. In HIPS (High Impact Polystyrene).

Cat. No.	Description	Units/ box	€/ box
055544	Mini-box for 5 cryotubes	350	N/A -
055545	Mini-box for 10 cryotubes	200	N/A -



Store box HIPS

Storage boxes at -90 °C made of HIPS (High Impact Poly Styrene).

- For storage of samples from -90 °C to +80 °C
- Lid with compartments numbering
- Coding on base and lid
- Not autoclavable
- For tubes from 1 to 5 ml depending on the model
- Boxes with capacities from 25 to 100 tubes
- The 100-tube model is not equipped with grid inserts but with pins to hold the tubes



	225 series		281 series		514 series		581 series		2100 series	
Number of spaces	25		81		42		81		100	
For	Cryotubes 1 - 2 ml		Cryotubes 1 - 2 ml		Cryotubes 10 ml		Cryotubes 3 - 5 ml		Cryotubes 1 - 2 ml	
Dimensions (mm)	76 x 72 x 54		133 x 133 x 52		133 x 133 x 95		133 x 133 x 95		133 x 133 x 52	
Colours	**Cat. No.**	**€ 8 units**	**Cat. No.**	**€ 4 units**	**Cat. No.**	**€ 5 units**	**Cat. No.**	**€ 5 units**	**Cat. No.**	**€ 4 units**
Blue	039806	N/A -	039810	N/A -	930758	N/A -	039814	N/A -	039802	N/A -
Green	039807	N/A -	039811	N/A -	930759	N/A -	039815	N/A -	039803	N/A -
Pink	039808	N/A -	039812	N/A -	930760	N/A -	039816	N/A -	039804	N/A -
Yellow	039809	N/A -	039813	N/A -	930761	N/A -	039817	N/A -	039805	N/A -

Box for 5 ml tubes

- In polystyrene
- For 5 ml snap cap or screw cap tubes
- For temperatures from -90 °C to +80 °C
- Transparent lid for better visibility of the tubes
- Grid numbered from 1 to 25 on the lid
- 2 cut corners on the lid and base to avoid misalignment
- Ventilation vent minimises condensation
- Drainage hole under the base
- Stackable

Blue	Green	Pink	Yellow	Units/ box	€/ box
040973	040974	040975	040976	18	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Expanded polystyrene racks



- For the transport of 50 x 12 mm diameter tubes
- Dimensions: 146 x 73 x 40 mm
- A lightweight cardboard rack with dimensions of 155 x 155 x 45 mm enables two polystyrene boxes to be gathered together

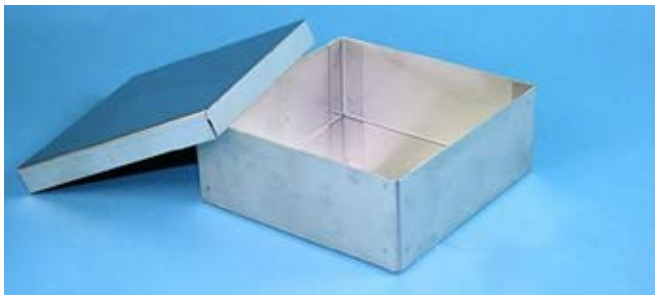
Expanded polystyrene racks

White	Blue	Green	Red	€
049725	049726	049727	049728	N/A -

Cardboard rack

Cat. No.	Description	€
049729	Cardboard Rack	N/A -

Stainless steel cryobox with lid



Cat. No.	Dimensions with lid W x D x H (mm)	€
140076	133 x 133 x 50	N/A -
140077	133 x 133 x 75	N/A -
140078	133 x 133 x 100	N/A -

Cryotube clamp



- For cryotubes
- Made of polypropylene

Cat. No.	Description	€ 12 units
029111	Clamp for cryotubes	N/A -

Supporting rod for cryo-preservers and Cryoflex sheath

Cryoflex sheath

Sheath for holding cryotubes, to be welded to prevent accidental entry of liquid nitrogen into the tube during total immersion. Length: 50 cm.



Cat. No.	Description	€ 15 sheaths
055029	Cryoflex sheath	N/A -

Thermo SCIENTIFIC nunc



Aluminium rod to hold 3 to 6 cryotubes depending on their height. Length: 28 cm.

Cat. No.	Description	€ 50 units
055030	Rod holder	N/A -

Labels and label holder



Transparent polypropylene label holder with one adhesive side.
To be placed on one side of the freezer box when it is completely dry and at room temperature.

- For temperatures down to -90 °C by stapling the label holder
- Adhesive side works between -10 °C and +70 °C

Cat. No.	For	Units/ box	€/ box
049616	Label holder	20	N/A -
049617	Labels	5 x 20	N/A -

NeoStapelRack modular shelves for cryoboxes

Stack and assemble the individual racks to create a cryobox storage.

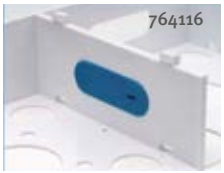
- **Polycarbonate, lighter and easier to carry than stainless steel**
- **Autoclavable and temperature resistant from -130 °C to + 130 °C**
- **Internal rack dimensions (L x W x H): 140 x 147 x 55 mm**

2 possible structures:

- Stack up to 10 racks in a vertical configuration;
- Assemble up to 4 racks side by side using clips (sold separately) and stack up to 4 shelves in a horizontal configuration;
- Cover the top racks with the lids (sold separately).

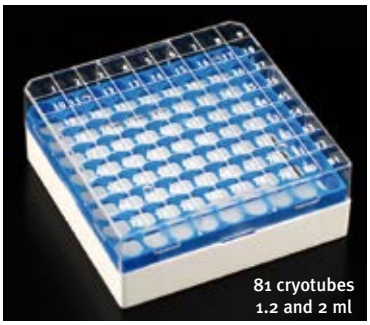


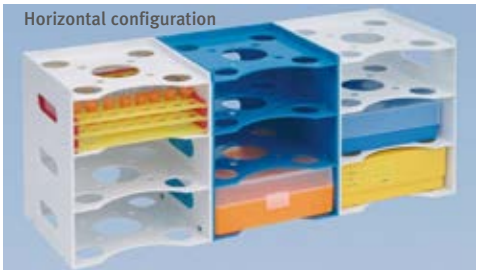
Description	White	Blue	€
NeoStapelRack individual rack	764110	764113	N/A -
Lid with handle	764111	764114	N/A -
Lid without handle	764112	764115	N/A -
Clip (for horizontal attachment)	-	764116	N/A -



Freezer boxes

- **Biosigma polycarbonate freezer boxes, with alphanumerically marked lid**
- **Dimensions: 132 x 132 x 52 mm**





Capacity	Blue	Red	Green	€
81 x 1.2 and 2 ml cryotubes	390479	390480	390481	N/A -
100 x 1.2 and 2 ml cryotubes	390491	390492	390493	N/A -

Vertical shelves for freezer boxes or microplates

- **Adjustable shelf height**
- **Safety rod to hold the boxes in place**
- **Compatible with Revco, Panasonic, Heraeus, Forma chest freezers**



Shelves for freezer boxes

- **Dimensions: 670 x 143.2 x 140.4 mm**
- **For 12 standard boxes 13 x 13 x 5 cm or 8 boxes 13 x 13 x 7.5 cm**
- **Supplied with 11 shelves**

Colours	Natural
Cat. No.	**055622**
€	**N/A -**

Shelves for microplates

- **Dimensions: 235 x 95 x 135 mm**
- **Supplied with 9 shelves**
- **For 10 microplates, 18 low profile microplates, 6 Nunc 1 ml Deepwell plates, 5 x 2 ml Deepwell plates**

Colours	Natural
Cat. No.	**055624**
€	**N/A -**

Cryopen markers



- **Special low temperature fine tip marker**
- **Xylene and alcohol resistant**
- **Erased with ethanol**

Cat. No.	Description	€
055036	Pack of 4 cryopens (green, red, blue, black)	N/A -

Cryomarkers

Pack of 4 cryomarkers specially designed for writing on cryotubes, freezing boxes and cryogenic media.

Blue, red and black markers with extra-fine tip; green marker with standard tip.



Cat. No.	Description	€
028123	Pack of 4 cryomarkers in assorted colours (green, blue, red, black)	N/A -
028124	Pack of 4 black cryomarkers	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

STORAGE SHELVES FOR FREEZERS / FREEZER BOX

Horizontal cardboard shelves



- For 20 cardboard, polypropylene or polycarbonate cryoboxes
- Made of hydrophobic cardboard for long-term use
- Can be used down to - 160 °C
- For 50 mm high boxes
- With side removal handle
- Format: 5 rows of 4 boxes
- H x W x D: 285 x 138 x 560 mm

Cat. No.	Description	€
013068	Horizontal cardboard shelf with 20 origami boxes 9 x 9 cm	N/A -
013069	Horizontal cardboard shelf with 20 standard boxes 9 x 9 cm	N/A -

Horizontal freezer shelf



- Stainless steel
- Corrosion resistant
- For 16 boxes 133 x 133 mm
- Carrying handle
- Standard dimensions

Cat. No.	Description	L x W x H (mm)	€
037581	Shelf for 16 boxes height 50 mm	140 x 560 x 240	N/A -

Horizontal shelves



- Ideally suited for Nalgene boxes
- Accept any box of equivalent size

Cat. No.	For Nalgene boxes		Box capacity	L x W x H (mm)	€
	Tube Capacity	L x W x H (mm)			
029101	9 x 9	133 x 133 x 51	12 (4 x 3)	225 x 143 x 444	N/A -
029102	9 x 9	133 x 133 x 51	16 (4 x 4)	225 x 143 x 590	N/A -

Horizontal shelves for freezers



- Shelf width: 140 mm
- Stainless steel
- For 130 x 130 mm boxes

			Shelves depth 420 mm			Shelves depth 560 mm		
Height box (mm)	No. shelves	Height tot. (mm)	Cat.No.	Capacity in boxes	€	Cat.No.	Capacity in boxes	€
54	3	165	049667	9 (3 x 3)	N/A -	-	-	-
54	4	223	049668	12 (4 x 3)	N/A -	049670	16 (4 x 4)	N/A -
54	5	277	049669	15 (5 x 3)	N/A -	049671	20 (5 x 4)	N/A -
75	3	240	049672	9 (3 x 3)	N/A -	049673	12 (3 x 4)	N/A -
95	2	198	049674	6 (2 x 3)	N/A -	049675	8 (2 x 4)	N/A -
125	2	260	049676	6 (2 x 3)	N/A -	049677	8 (2 x 4)	N/A -

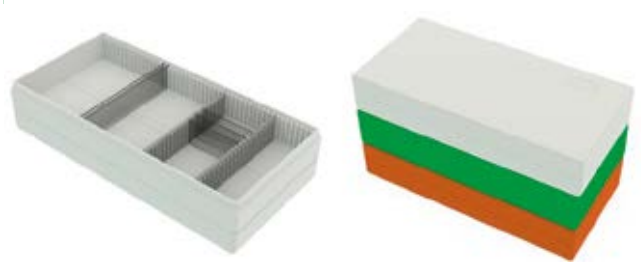
Drawer racks for boxes 130 x 130 x 50 mm



- Recommended for storage of boxes in freezers -80 °C
- For boxes with dimensions W x D x H: 130 x 130 x 50 mm
- Drawers with handle
- Stainless steel
- Open on the sides

Cat. No.	Description	Dimensions W x D x H (mm)	€
142759	2-drawer rack 4 x 2 boxes	140 x 567 x 116	N/A -
142760	3-drawer rack 4 x 3 boxes	140 x 567 x 173	N/A -
142327	4-drawer rack 4 x 4 boxes	140 x 567 x 231	N/A -
142443	5-drawer rack 4 x 5 boxes	140 x 567 x 288	N/A -
142761	6-drawer rack 4 x 6 boxes	140 x 567 x 346	N/A -
142301	7-drawer rack 4 x 7 boxes	140 x 567 x 403	N/A -

Freezer boxes for 50 slides



- In polystyrene
- For slides 76 x 26 x 1 mm
- Operating temperature: - 80 to + 70 °C

White	Blue	Green	Red	Yellow	Violet	Orange	Black	€
049735	049736	049737	049738	049739	049740	049741	049742	N/A -

STORAGE SHELVES FOR FREEZERS

Horizontal shelves for freezer boxes

- Stainless steel
- With side handles
- For storage in a chest freezer
- For boxes 133 x 133 mm
- Shelf width: 139 mm
- Available in 135 mm width (add an "S" to the Cat. No.)



For boxes 133 x 133 x 50 mm				For boxes 133 x 133 x 53 mm				For boxes 133 x 133 x 32 mm				For boxes 133 x 133 x 37 mm			
Cat. No.	Number Of Shelves	Depht. x H (mm)	€	Cat. No.	Number Of Shelves	Depht. x H (mm)	€	Cat. No.	Number Of Shelves	Depht. x H (mm)	€	Cat. No.	Number Of Shelves	Depht. x H (mm)	€
-	-	-	-	130192	8 (2 x 4)	278 x 224	N/A -	-	-	-	-	-	-	-	-
-	-	-	-	130193	10 (2 x 5)	278 x 279	N/A -	-	-	-	-	-	-	-	-
-	-	-	-	130194	12 (2 x 6)	278 x 334	N/A -	-	-	-	-	-	-	-	-
-	-	-	-	130196	9 (3 x 3)	414 x 169	N/A -	-	-	-	-	-	-	-	-
-	-	-	-	130197	12 (3 x 4)	414 x 224	N/A -	-	-	-	-	-	-	-	-
130179	15 (3 x 5)	414 x 239	N/A -	130198	15 (3 x 5)	414 x 279	N/A -	-	-	-	-	130237	18 (3 x 6)	414 x 241	N/A -
-	-	-	-	130199	18 (3 x 6)	414 x 334	N/A -	130218	21 (3 x 7)	414 x 245	N/A -	130238	21 (3 x 7)	414 x 280	N/A -
-	-	-	-	130200	21 (3 x 7)	414 x 389	N/A -	130219	24 (3 x 8)	414 x 280	N/A -	130239	24 (3 x 8)	414 x 320	N/A -
-	-	-	-	130201	12 (4 x 3)	549 x 169	N/A -	130220	27 (3 x 9)	414 x 314	N/A -	130240	27 (3 x 9)	414 x 359	N/A -
-	-	-	-	130202	16 (4 x 4)	549 x 224	N/A -	130221	20 (4 x 5)	549 x 176	N/A -	130241	20 (4 x 5)	549 x 201	N/A -
130184	20 (4 x 5)	549 x 239	N/A -	130203	20 (4 x 5)	549 x 279	N/A -	130222	24 (4 x 6)	549 x 211	N/A -	130242	24 (4 x 6)	549 x 241	N/A -
130185	24 (4 x 6)	549 x 286	N/A -	130204	24 (4 x 6)	549 x 334	N/A -	130223	28 (4 x 7)	549 x 245	N/A -	130243	28 (4 x 7)	549 x 280	N/A -
-	-	-	-	130205	28 (4 x 7)	549 x 389	N/A -	130224	32 (4 x 8)	549 x 280	N/A -	130244	32 (4 x 8)	549 x 320	N/A -
-	-	-	-	130206	15 (5 x 3)	685 x 169	N/A -	130225	36 (4 x 9)	549 x 314	N/A -	130245	36 (4 x 9)	549 x 359	N/A -
-	-	-	-	130207	20 (5 x 4)	685 x 224	N/A -	130226	25 (5 x 5)	685 x 176	N/A -	130246	25 (5 x 5)	685 x 201	N/A -
-	-	-	-	130208	25 (5 x 5)	685 x 279	N/A -	130227	30 (5 x 6)	685 x 211	N/A -	130247	30 (5 x 6)	685 x 241	N/A -
-	-	-	-	130209	30 (5 x 6)	685 x 334	N/A -	130228	35 (5 x 7)	685 x 245	N/A -	130248	35 (5 x 7)	685 x 280	N/A -
-	-	-	-	130210	35 (5 x 7)	685 x 389	N/A -	130229	40 (5 x 8)	685 x 280	N/A -	130249	40 (5 x 8)	685 x 320	N/A -
-	-	-	-	-	-	-	-	130230	45 (5 x 9)	685 x 314	N/A -	130250	45 (5 x 9)	685 x 359	N/A -

For boxes 133 x 133 x 80 mm				For boxes 133 x 133 x 102 mm				For boxes 133 x 133 x 105 mm				For boxes 133 x 133 x 128 mm			
Cat. No.	Number Of Shelves	Depht. x H (mm)	€	Cat. No.	Number Of Shelves	Depht. x H (mm)	€	Cat. No.	Number Of Shelves	Depht. x H (mm)	€	Cat. No.	Number Of Shelves	Depht. x H (mm)	€
130251	6 (3 x 2)	414 x 168	N/A -	130260	6 (3 x 2)	414 x 214	N/A -	130264	6 (3 x 2)	414 x 218	N/A -	130268	6 (3 x 2)	414 x 265	N/A -
130252	9 (3 x 3)	414 x 250	N/A -	130261	9 (3 x 3)	414 x 319	N/A -	130265	9 (3 x 3)	414 x 325	N/A -	130269	9 (3 x 3)	414 x 395	N/A -
130253	12 (3 x 4)	414 x 332	N/A -	130262	8 (4 x 2)	549 x 214	N/A -	130266	8 (4 x 2)	549 x 218	N/A -	130270	8 (4 x 2)	549 x 265	N/A -
130254	8 (4 x 2)	549 x 168	N/A -	130263	12 (4 x 3)	549 x 319	N/A -	130267	12 (4 x 3)	549 x 325	N/A -	130271	12 (4 x 3)	549 x 395	N/A -
130255	12 (4 x 3)	549 x 250	N/A -	-	-	-	-	-	-	-	-	-	-	-	-
130256	16 (4 x 4)	549 x 332	N/A -	-	-	-	-	-	-	-	-	-	-	-	-
130257	10 (5 x 2)	685 x 168	N/A -	-	-	-	-	-	-	-	-	-	-	-	-
130258	15 (5 x 3)	685 x 250	N/A -	-	-	-	-	-	-	-	-	-	-	-	-
130259	20 (5 x 4)	685 x 332	N/A -	-	-	-	-	-	-	-	-	-	-	-	-

Drawer shelves for freezer boxes

Pour boxes		133 x 133 x 53 mm with stop lock			133 x 133 x 53 mm without stop lock		
Number drawers	Capacity boxes	Cat. No	Depht. x H (mm)	€	Cat. No	Depht. x H (mm)	€
2	6	-	-	-	130293	416 x 116	N/A -
2	10	130275	700 x 123	N/A -	-	-	-
3	6	-	-	-	130296	283 x 173	N/A -
3	9	130277	434 x 184	N/A -	130297	416 x 173	N/A -
3	12	130278	567 x 184	N/A -	130298	548 x 173	N/A -
3	15	130279	700 x 184	N/A -	130299	682 x 173	N/A -
4	8	130280	301 x 245	N/A -	-	-	-
4	12	130281	434 x 245	N/A -	130301	416 x 231	N/A -
4	16	130282	567 x 245	N/A -	130302	549 x 231	N/A -
4	20	130283	700 x 245	N/A -	130303	682 x 231	N/A -
5	15	130285	434 x 306	N/A -	130305	416 x 288	N/A -
5	20	130286	567 x 306	N/A -	130306	549 x 288	N/A -
5	25	130287	700 x 306	N/A -	130307	682 x 288	N/A -
6	12	-	-	-	130308	283 x 346	N/A -
6	18	130289	434 x 367	N/A -	130309	416 x 346	N/A -
6	24	130290	567 x 367	N/A -	130310	549 x 346	N/A -
6	30	130291	700 x 367	N/A -	130311	682 x 346	N/A -



Stainless steel storage drawers for chest freezers.

- Sliding drawers with or without stop lock
- Avoids taking a whole shelf out of the freezer
- Handle
- Wide range of sizes for all freezers (consult us)
- For boxes size (with lid) 133 x 133 x 53 mm
- Drawer width: 140 mm

All prices are indicative and exclude VAT. Visit www.dulis.nl

STORAGE SHELVES FOR FREEZERS / POLYSTYRENE RACKS

Drawer shelves for freezer boxes


049621

- For cryoboxes with dimensions of 130 x 130 mm and different heights
- Stainless steel
- Width: 135 mm

			Shelves depth 410 mm			Shelves depth 540 mm		
Height box (mm)	Number shelves	Height tot. (mm)	Cat.No.	Capacity in boxes	€	Cat.No.	Capacity in boxes	€
29	3	98	**049618**	9 (3 x 3)	N/A -	**049625**	12 (3 x 4)	N/A -
29	4	130	**049619**	12 (4 x 3)	N/A -	**049626**	16 (4 x 4)	N/A -
29	5	162	**049620**	15 (5 x 3)	N/A -	**049627**	20 (5 x 4)	N/A -
29	6	194	**049621**	18 (6 x 3)	N/A -	**049628**	24 (6 x 4)	N/A -
29	7	226	**049622**	21 (7 x 3)	N/A -	**049629**	28 (7 x 4)	N/A -
29	8	258	**049623**	24 (8 x 3)	N/A -	**049630**	32 (8 x 4)	N/A -
29	9	290	**049624**	27 (9 x 3)	N/A -	**049631**	36 (9 x 4)	N/A -
54	2	117	**049632**	6 (2 x 3)	N/A -	**049637**	8 (2 x 4)	N/A -
54	3	173	**049633**	9 (3 x 3)	N/A -	**049638**	12 (3 x 4)	N/A -
54	4	232	**049634**	12 (4 x 3)	N/A -	**049639**	16 (4 x 4)	N/A -
54	5	288	**049635**	15 (5 x 3)	N/A -	**049640**	20 (5 x 4)	N/A -
54	6	345	**049636**	18 (6 x 3)	N/A -	**049641**	24 (6 x 4)	N/A -
78	2	165	**049642**	6 (2 x 3)	N/A -	**049645**	8 (2 x 4)	N/A -
78	3	247	**049643**	9 (3 x 3)	N/A -	**049646**	12 (3 x 4)	N/A -
78	4	330	**049644**	12 (4 x 3)	N/A -	**049647**	16 (4 x 4)	N/A -
98	2	203	**049648**	6 (2 x 3)	N/A -	**049650**	8 (2 x 4)	N/A -
98	3	305	**049649**	9 (3 x 3)	N/A -	**049651**	12 (3 x 4)	N/A -
128	2	265	**049652**	6 (2 x 3)	N/A -	**049653**	8 (2 x 4)	N/A -

Shelves with drawers for microplates or deepwell


049657

- Stainless steel
- For storing microplates in the freezer
- Width x depth: 135 x 540 mm

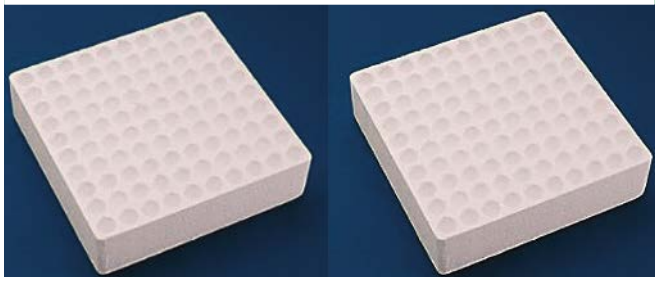
For 18 mm high microplates					For 54 mm high deepwells				
Number shelves	Height tot. (mm)	Cat.No.	Capacity in microplates	€	Number shelves	Height tot. (mm)	Cat.No.	Capacity in deepwell	€
4	91	**049654**	24	N/A -	2	117	**049637**	12 (2 x 6)	N/A -
6	134	**049655**	36	N/A -	3	173	**049638**	18 (3 x 6)	N/A -
8	180	**049656**	48	N/A -	4	232	**049639**	24 (4 x 6)	N/A -
10	223	**049657**	60	N/A -	5	288	**049640**	20 (5 x 4)	N/A -
12	266	**049658**	72	N/A -	6	345	**049641**	36 (6 x 6)	N/A -
14	312	**049659**	84	N/A -	-	-	-	-	-

Stainless steel drawer shelves for microscope slide boxes


049664

Cat. No.	Number of Shelves	Dimensions W x D x H (mm)	Capacity	€
049660	3	96 x 540 x 106	9 (3 x 3)	N/A -
049661	4	96 x 540 x 141	12 (4 x 3)	N/A -
049662	5	96 x 540 x 175	15 (5 x 3)	N/A -
049663	6	96 x 540 x 210	18 (6 x 3)	N/A -
049664	7	96 x 540 x 245	21 (7 x 3)	N/A -
049665	8	96 x 540 x 280	24 (8 x 3)	N/A -
049666	9	96 x 540 x 315	27 (9 x 3)	N/A -

Expanded polystyrene racks



Test tube racks made of expanded polystyrene.
Dimensions: 207 x 207 x 56 mm.

Cat. No.	Capacity	For tubes ø	€
39290370	100 tubes	12 mm	N/A -
39290371	100 tubes	16 mm	N/A -

Expanded polystyrene box racks

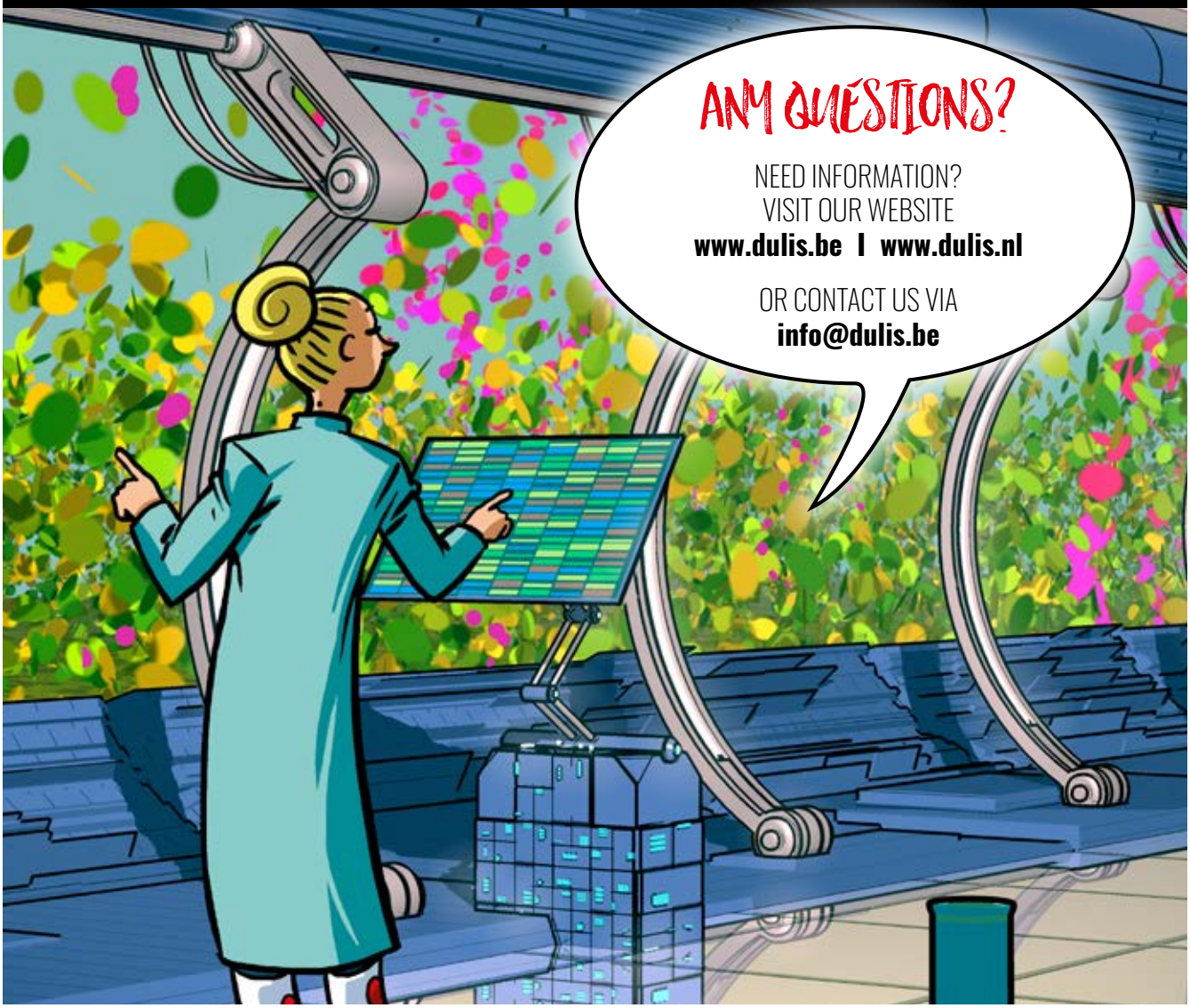


Economical boxes for storing 100 x 1.5 ml or 2 ml microtubes or 1.2 ml cryotubes.

- Easy storage or tube removal
- Snap-on lid

Cat. No.	Description	L x W x H (mm)	€ 10 units
037556	Box Rack for 100 microtubes	335 x 95 x 70	N/A -

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Véronique VAN DEN BOSSCHE,
Customer Care Coordinator.

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orders@dulis.be

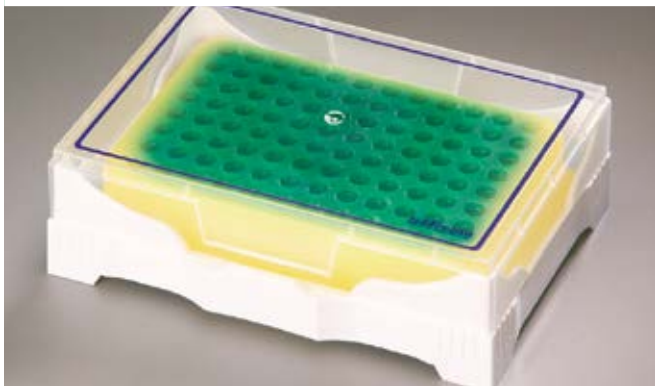
Véronique VAN DEN BOSSCHE is ready to help you with all your questions: **quotation requests, offers & prices.**

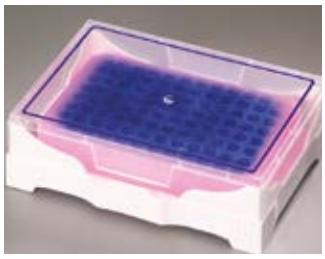
Do not hesitate to contact her at **+32 81 94 66 00**
or by email **veronique.vandenbossche@dulis.be**

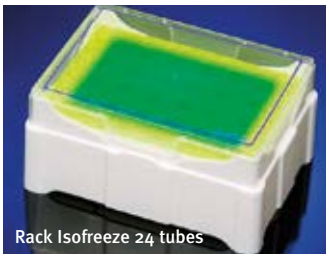


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Isofreeze PCR refrigerated racks






Rack Isofreeze 24 tubes

- Maintain stable temperature of +4 °C of heat-sensitive samples for 4 hours
- Changes colour from green to yellow or purple to pink as it warms up
- Supplied with lid
- The gel contained is non-toxic and non-hazardous

PCR Racks

- Dim. (mm) 44 x 99 x 141 with lid / 38 x 99 x 141 without lid
- PCR version for 96 plates or strips or 0.2 ml PCR microtubes (8 x 12 slots)
- QPCR version for 64 Corbett Rotor-Gene tubes, or 16 x 0.2 ml and 4 0.5 ml tubes

Racks for 0.5, 1.5 or 2 ml tubes

- Dim. (mm): 70 x 105 x 146 with lid / 64 x 105 x 146 without lid
- For 24 tubes (6 x 4 slots)

Cat. No.	Description	Units/ box	€/ box
840531	Isofreeze PCR Rack green to yellow	2	N/A -
840532	Isofreeze PCR Rack purple to pink	2	N/A -
840896	Isofreeze qPCR Rack light blue to white	2	N/A -
840401	Isofreeze Rack 24 tubes green to yellow	1	N/A -
840400	Isofreeze Rack 24 tubes purple to pink	1	N/A -

ERGO FREEZE refrigerated racks



- For 96 PCR tubes alone or in strips or a 96-well PCR plate
- After 8 hours of refrigeration at - 20 °C, the colour of the racks changes from pink to purple and from yellow to green; the temperature is maintained at +4 °C for 2.5 hours
- At 7 °C the racks return to their original colour, clearly indicating that the samples are no longer refrigerated
- SBS format, suitable for use in automatic systems

Cat. No.	Colour non-refrigerated	Colour refrigerated	Dimensions L x W x H (mm)	€
044852	Pink	Violet	128 x 85 x 25	N/A -
044853	Yellow	Green	128 x 85 x 25	N/A -

Coolcube cooling block for PCR microplates and microtubes



- Maintains temperature at 0 °C for 4 hours
- Can also be used as a PCR preparation station
- Durastar polymer with cooling gel
- Keeps samples on the bench without degradation
- Simply place in a refrigerator at night and it is ready to use

Capacity	side 1: 36 x 1.5/2 ml tubes side 2: 12 x 1.5/2 ml microtubes + 1 PCR 96-well plate or 12 x 0.2 ml tube strip
Dimensions	14.3 x 14.3 x 6.4 cm
Weight	0.9 kg

Cat. No.	Description	€
053455	Coolcube cooling block	N/A -

Eppendorf PCR-Cooler



Cryoblock 0 °C for 0.2 and 0.5 ml PCR plates, strips and tubes.

- Allows samples to be stored reliably at 0 °C for more than one hour
- Changes colour when the temperature is higher than +7 °C
- Alphanumeric index
- Replaces the ice bath, for more hygiene, without risk of contamination

Cat. No.	Description	Units/ box	€/ box
033183	PCR-Cooler blue (dark blue at 0 °C, light blue at 7 °C)	1	N/A -
033184	PCR-Cooler pink (purple at 0 °C, pink at 7 °C)	1	N/A -
033185	PCR-Cooler blue and pink	2	N/A -

PCR refrigerated racks

- Polypropylene racks, polycarbonate lid
- Dimensions (cm): 11 x 14.8 x 4.8
- Compatible with PCR tube strips or individual 0.2/0.5 ml PCR tubes, in standard or low profile format
- Maintains the temperature of a 96-well PCR plate at 0 °C (after cooling the rack to -20 °C for 2 hours) for more than 1 hour
- Maintains the temperature of the samples below +5 °C for up to 3 hours
- Change of colour of the rack or a well when the temperature exceeds + 6 °C
- The lid provides optimum protection for samples from the freezer to the bench
- Innovative, sliding, 180° rotating lid (can also be used as a stand)
- Suitable for storage at -80 °C
- Wells designed to prevent freezing of samples



320688



320689

Cat. No.	Colour non-refrigerated	Colour refrigerated	Units/ box	€/ box
320688	Pink	Violet	2	N/A -
320689	Light blue	Blue	2	N/A -
320690	1 rack of each colour		2	N/A -

Eppendorf IsoTherm-System

eppendorf

- Insulated box and rack system with cold storage blocks to maintain samples at 0 °C or -21 °C during bench top handling
- Ideal for enzymatic workstations, PCR stations or sample transfer
- Replaces the ice bath
- Compatible with the accessories of the Thermomixer range
- The system includes:
  - an IsoSafe box accepting an IsoRack and an IsoPack cold accumulator
  - an IsoRack for 24 microtubes, microplate format, centrifugal, floating
  - an IsoPack cold accumulator: 0 °C with 6h runtime (white), or -21 °C with 3h runtime (blue)



For microtubes	1.5 / 2 ml				0.5 ml			
Description	Cat. No. 0 °C	€	Cat. No. -21 °C	€	Cat. No. 0 °C	€	Cat. No. -21 °C	€
1 IsoRack + 1 IsoPack	033579	N/A -	033612	N/A -	033613	N/A -	033614	N/A -
1 IsoSafe + 3 IsoPack	033615	N/A -	-	-	-	-	033618	N/A -

	Cat. No.	€	Cat. No.	€
IsoRack with lid	033619	N/A - 4 units	033621	N/A - 4 units
Complete system: 1 Isosafe + 1 IsoPack 0 °C + 1 IsoPack -21 °C +1 IsoRack with lid	033620	N/A -	033622	N/A -

CoolCADDY cold maintenance Workstation

- Temperature + 2 °C - + 4 °C up to 5 hours
- Keeping samples cold and unfrozen
- Suitable for:
  - 9 x 1.5/2 ml microtubes;
  - 8 x 2 ml cryotubes;
  - 5 x 0.5 ml microtubes;
  - 1 plate;
  - 96 PCR microtubes or 12 strips;
  - 1 x 50 ml tank



Cat. No.	Description	€
062900	CoolCADDY cold maintenance Workstation	N/A -

Reagent cooling tanks

- Made of polypropylene
- Ice-free, non-toxic
- To increase handling time while preserving the integrity of sensitive reagents
- Reagent held at less than +5 °C for approximately 3 hours
- Suitable for tanks Cat. No. 320661 to 320669
- Stackable
- Reusable (warranty: 2 years)



Vol. (ml)	Dimensions (mm)	Pink	Blue	Assorted	Units/ box	€/ box
50	144 x 74 x 45	320695	320696	320697	2	N/A -
100	150 x 90 x 43	320698	320699	320700	2	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Refrigerated racks for microtubes



Reversible benchtop refrigerated racks for 20 x 1.5 ml microtubes on one side or 0.5 ml on the other side. Made of unbreakable polycarbonate, filled with a non-toxic gel, they have a transparent lid.
Two models:

- White colour: storage at 0 °C for 5 hours
- Blue colour: storage between -10 °C and -20 °C for 3 hours

Cat. No.	Description	€
045489	White rack 0 °C	N/A -

Cryo-Safe Cooler



- **PC cooling boxes filled with a non-toxic gel**
- **Stackable**
- **Two models: for 12 x 15 ml tubes, or for 12 x 1.5 ml tubes**

Lid	Transparent PC	Transparent PC
Body colour	Orange	Orange
L x W x H (mm)	19.7 x 14 x 19	15.1 x 10.8 x 12.5
Tube type	12 x 15 ml centrifuge tubes, 15 mm diameter	12 x 1. Ml microtubes (adapters for 0.5 ml microtubes)
Temperature	0 °C / 3 hours	0 °C / 2h30 min
Cat. No.	**088783**	**088784**
€	**N/A -**	**N/A -**

Thermo SCIENTIFIC NALGENE

Quick Chill Rack



- **In polycarbonate**
- **For 12 x 0.5 or 1.5 ml microtubes (in rows of 4 x 3 tubes)**
- **For samples at - 20 °C, hold at temperatures ‹ - 15 °C, 45 minutes**
- **L x W x H: 151 x 108 x 125 mm**

Cat. No.	Description	€
028056	Quick Chill Rack	N/A -

Mini-Cooler



- **Polycarbonate cooling boxes with transparent or gel-filled lid**
- **To keep samples at 0 °C, - 20 °C or - 70 °C on the bench**

Lid	Transparent	Transparent	Transparent	White	White	Transparent
Body colour	Red	Yellow	White	Red	Yellow	Yellow
Gel lid	No	No	No	Yes	Yes	No
L x W x H (mm)	147 x 100 x 100	147 x 100 x 100	147 x 100 x 100	240 x 160 x 146	240 x 160 x 146	225 x 165 x 105
Capacity: Cryotubes 1/2 ml 1.5/2 ml Microtubes	12	12	12	32	32	1 PCR plate or 96 x 0.2 ml tubes , indivi. or strip
Temperature	0 °C / 60 min.	- 20 °C / 60 min.	- 70 °C / 45 min.	0 °C / 60 min.	- 20 °C / 60 min.	- 20 °C / 60 min.
Cat. No.	**092391**	**092392**	**092393**	**913077**	**913078**	**913082**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Mini Cooler True North

- Cooling boxes with insulating gel
- Temperature maintenance or rapid cooling of samples
- Polycarbonate with non-slip feet
- Temperature maintenance graph delivered with each version
- Lid with marking grid







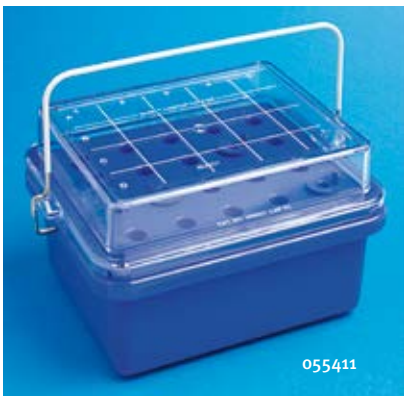
Cat. No.	Temperature	Number of tubes	Tube type	Lid	L x W x H (mm)	Temperature maintenance	Colours	€
320538	0 °C	3 x 4	0.5* and 1.5 - 2 ml microtubes or cryotubes	Transparent	145 x 105 x 100	1 °C for 4 hours.	Green	**N/A -**
320539		4 x 8		Transparent	245 x 105 x 100	1 °C for 5 hours.		**N/A -**
320540		4 x 8		Insulation	245 x 105 x 100	1 °C for 7.5 hours.		**N/A -**
320541	- 20 °C	3 x 4		Transparent	145 x 105 x 100	- 15 °C for 2.5 hours.	Blue	**N/A -**
320542		4 x 8		Transparent	245 x 105 x 100	- 15 °C for 3.5 hours.		**N/A -**
320543		4 x 8		Insulation	245 x 105 x 100	- 15 °C for 5 hours.		**N/A -**
320544		8 x 12	0.2 ml microtubes or 96-well plate	Transparent	225 x 165 x 100	- 15 °C for 3.5 hours.		**N/A -**

* with adapters supplied

Nalgene Labtop coolers

Thermo SCIENTIFIC NALGENE

- Maintain the temperature of samples on the bench at 0 °C or -20 °C
- In polycarbonate
- Accept microtubes or tubes depending on the model
- The case is filled with a non-toxic gel. (lid also filled with gel on some models)

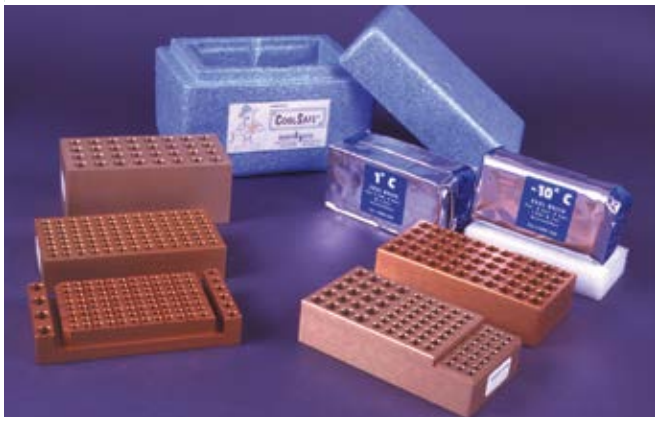




Lid	Transparent PC	Transparent PC	PC white	Transparent PC	PC white	Transparent PC	Transparent PC
Body colour	Blue	Blue	Blue	Green	Green	Green	Green
Gel lid	No	No	Yes	No	Yes	No	No
Number of tubes	3 x 4	4 x 5	4 x 8	3 x 4	4 x 8	3 x 4	3 x 4
L x W x H (mm)	151 x 108 x 125	225 x 165 x 105	243 x 157 x 146	151 x 108 x 125	243 x 157 x 146	197 x 140 x 190	197 x 140 x 190
Tube type	Microtubes 0.5/ 1.5 ml	Cryotubes, microtubes	Microtubes 0.5/ 1.5 ml	Microtubes 0.5/ 1.5 ml	Microtubes 0.5/ 1.5 ml	12 / 13 mm tubes	16 / 17 mm tubes
Temperature	-15 °C, 2 hours	-15 °C, 2 hours	-15 °C, 2 hours	below 1 °C , 3 hours	below 1 °C , 5 hours	below 1 °C, 5 hours	below 1 °C , 5 hours
Cat. No.	**028057**	**055411**	**028058**	**028059**	**028060**	**028061**	**028062**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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Coolsafe cooling racks



Temperature conductive metal racks designed for low temperature storage. They are intended for:
- individual 0.2 ml PCR tubes, in strips, for PCR plates (053030);
- Mixed tubes (15 x 1.5 ml, 35 x 0.5 ml, 24 x 0.2 ml);
- 7 x 13 tubes 0.5 ml, 55 x 1.5 ml tubes or 32 x 5 ml tubes.

Inside rack L x W x D (cm) (bottom): 15.9 x 8.3 x 8.9.
Outside rack L x W x H (cm) (with lid): 21.6 x 14 x 16.5.

- **Temperature stability up to 10 hours on the bench**
- **For all microtubes 0.2 ml to 2 ml**
- **As accessories: an isothermal box (053043) for rack and ice boxes, and ice boxes 1 °C or -10 °C**

Available in:
- Complete set: each set includes 1 metal rack, 2 cooling blocks (1 °C and -10 °C) and a polystyrene box.
- Separate elements: each element can be acquired separately.

Coolsafe for	Rack only	€	Complete set	€
0.2 ml tubes or PCR microplate*	053030	N/A -	053031	N/A -
384-well plates	-	-	053486	N/A -
0.5 ml tubes	053032	N/A -	053033	N/A -
1.5 ml tubes	053034	N/A -	053035	N/A -
5 ml Tubes (13 mm ø)	053036	N/A -	053037	N/A -
Assorted tubes	053038	N/A -	053039	N/A -

For 1 x 96-well PCR plate, individual 0.2 ml tubes or strips.
Capacity 6 x 0.5 ml microtubes and 4 x 1.5 ml microtubes on the sides.

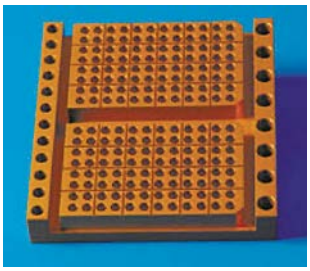
Accessories

Cat. No.	Description	€
053040	Cooling block -10 °C	N/A -
053041	Cooling block 1 °C (except 5 ml)	N/A -
053042	Cooling block 1 °C for 5 ml tube rack	N/A -
053043	Expanded polystyrene storage box **	N/A -

** Internal Dimensions L x W x D: 158 x 82 x 89 mm /
Ext. Dimensions L x W x H: 217 x 140 x 168 mm.

Coolsafe Double rack

For 2 x 96-well PCR plates, individual tubes or in strips Capacity 12 x 0.5 ml microtubes and 8 x 1.5 ml microtubes on the sides. Ideal for transferring temperature-sensitive liquids
Dimensions: 157 x 165 x 25.4 mm.



Cat. No.	Description	€
053443	Coolsafe Double rack for 2 PCR plates	N/A -

Polarsafe cooling racks



- **Made of aluminium with high thermal conductivity**
- **No direct contact with ice: no contamination**
- **To be placed in an ice tray, on dry ice or liquid nitrogen**

Cat. No.	Number of wells	Compatibility	€
141389	15	Microtubes 1.5 or 2 ml	N/A -
141390	15	Cryotubes	N/A -
141391	24	0.5 ml Microtubes	N/A -
141392	96	0.2 ml microtubes, strips and plates	N/A -
141393	384	PCR plates	N/A -

Holders for anodised aluminium tubes



- **Ideal for keeping samples at high or low temperatures**
- **Anodised aluminium blocks**
- **For 0.2, 1.5, 15 and 50 ml tubes**

Cat. No.	L x W x H (cm)	For	€
053456	8.75 x 4.375 x 8.75	6 x 15 ml tubes	N/A -
053457	8.75 x 8.75 x 8.75	12 x 15 ml tubes	N/A -
053458	8.75 x 4.375 x 8.75	2 x 50 ml tubes	N/A -
053459	8.75 x 8.75 x 8.75	4 x 50 ml tubes	N/A -
053460	20.625 x 6.5 x 3.125	80 x 1.5 ml tubes	N/A -

ChillBlock cooling racks

Specially designed for uniform temperature maintenance of samples.

- **Made of thermally conductive metal alloy**
- **For use in ice, dry ice, baths**
- **Wide range of compatibilities and sizes**
- **Operating temperature: - 150 °C to + 100 °C**
- **Temperature uniformity: +/- 0.1 °C**
- **Autoclavable, washable with disinfectant**

Cat.No.	For tubes/plates	Slots	Dimensions (W x L x H) (mm)	€
For centrifuge microtubes				
040871	1.5 - 2 ml	6	60 x 43 x 32	**N/A -**
040872	1.5 - 2 ml	15	96 x 60 x 32	**N/A -**
040873	1.5 - 2 ml	30	114 x 96 x 32	**N/A -**
040874	1.5 - 2 ml	90	274 x 114 x 32	**N/A -**
040875	1.5 - 2 ml	96	221 x 149 x 32	**N/A -**
For centrifuge microtubes (with direct contact)				
040876	500 µl	30	114 x 96 x 32	**N/A -**
040877	1.5 ml	15	96 x 60 x 32	**N/A -**
040878	1.5 ml	30	114 x 96 x 32	**N/A -**
For storage tubes and strips				
040879	0.5 ml	96	128 x 85 x 32	**N/A -**
040880	1.4 ml	96	128 x 85 x 43	**N/A -**
For 15 and 50 ml centrifuge tubes				
040881	15 ml	9	79 x 79 x 107	**N/A -**
040882	50 ml	4	89 x 89 x 112	**N/A -**
SBS format				
040883	200 µl	96	128 x 85 x 25	**N/A -**
040885	1.5 ml / 200 µl	12 / 48	128 x 84 x 32	**N/A -**
For cryotubes				
040888	Ø 12.5 mm	15	96 x 60 x 32	**N/A -**
Platforms				
040891	-	-	279 x 140 x 86	**N/A -**



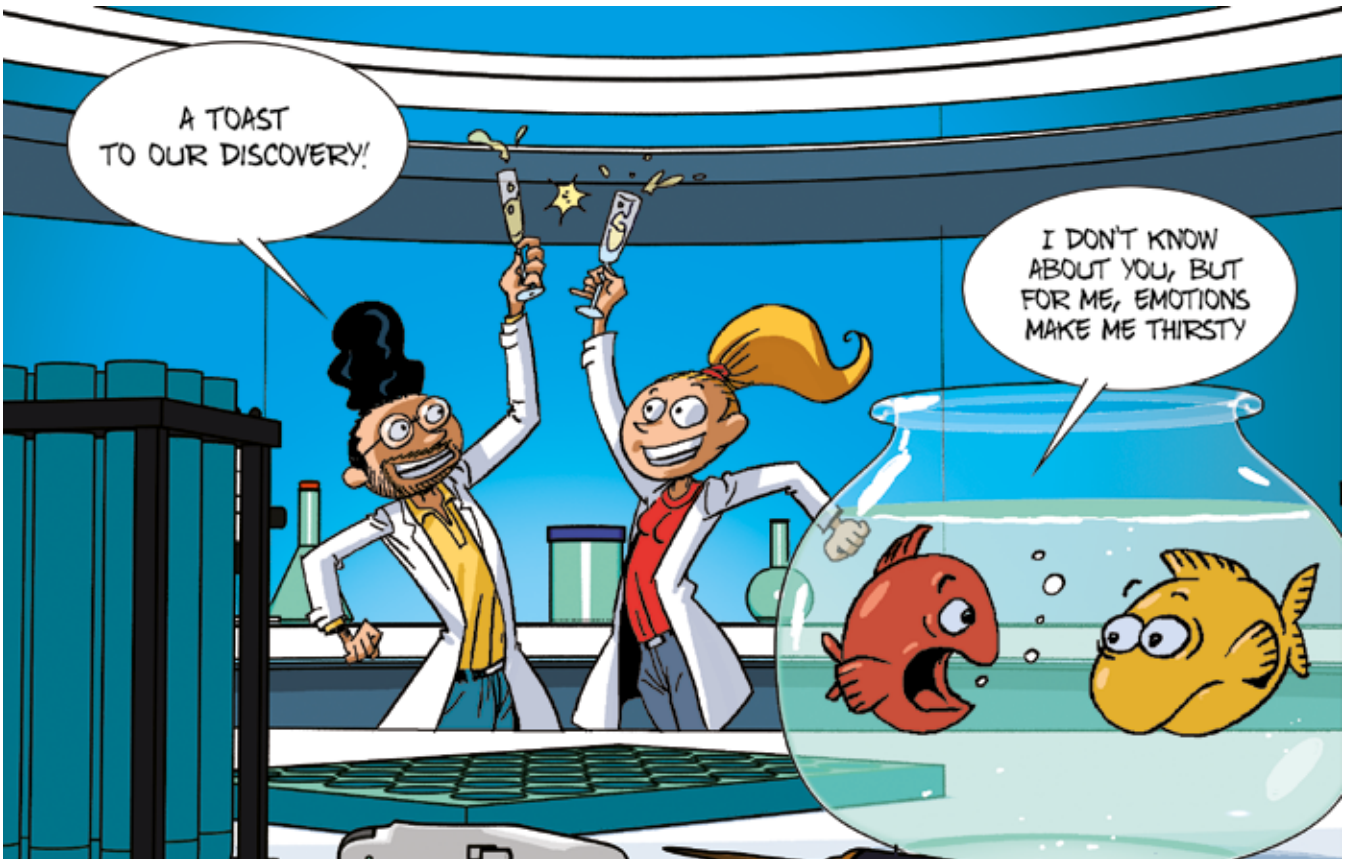








See photos of all models on www.dulis.nl



All prices are indicative and exclude VAT. Visit www.dulis.nl

CoolBox

- Benchtop system for cooling or freezing samples without ice, electricity or batteries
- Consists of a base, an isothermal cartridge and a lid
- Suitable for different sample sizes and temperatures
- Compatible with dry ice, CoolRack or CoolSink

CoolBox XT Starter



- Open platform with only one base
- The insulated cartridge must be placed in a -20 °C freezer for at least 12 hours beforehand and then inserted at the base
- After removal from the freezer, the cartridge should be placed on the bench for approximately 10-15 minutes until it reaches a temperature of +1 °C (temperature indicator on the cartridge), then inserted at the base
- Supplied with one cartridge

Cat. No.	Dimensions (mm)	Description	€
830248	163 x 121 x 61	Coolbox XT Starter purple	N/A -

Single items

Cat. No.	Description	€
830249	CoolBox XT Starter only	N/A -
830148	Cooling cartridge	N/A -

Packs Coolbox XT Starter purple complete + CoolRack

Cat. No.	CoolRack included	€
830250	XT Starter PCR 96	N/A -

CoolBox 30



- The cooling cartridge must first be placed in a -20 °C freezer for at least 4 hours (6 hours for the freezing cartridge) and then inserted at the base
- Once removed from the freezer the cartridge should be placed on the bench for approximately 10-15 minutes until the frost on the surface begins to melt, then inserted at the base

Temperature	Cold source	Without lid	With lid
+0.5 °C to +4 °C	Cooling cartridge	4 hrs	10 hrs
-20 °C to 0 °C	Freezing cartridge	3 hrs	6 hrs
-78 °C	200 ml dry ice	4 hrs	5 hrs

- Supplied with one cooling cartridge

Model	Ext/int Dimensions W x D x H* (mm)	Violet	Green	Orange	€
CoolBox 30	165 x 152.5 x 152.5 x 127 / 120 x 104 x 79	830000	830001	830002	N/A -

Cooling cartridges

Cat. No.	Description	Units/ box	€/ box
830090	Freezing cartridge	3	N/A -

Packs Coolbox 30 purple complete + CoolRack

Cat. No.	CoolRack included	€
830006	M30	N/A -
830014	CFT30	N/A -

Model	CoolBox XT Starter	CoolBox XT and 2XT	CoolBox 30
Compatibility	Tubes and plates	Tubes and plates	Tubes
0.5 °C- 4 °C without lid	4 hrs	10 hrs	4 hrs
0.5 °C- 4 °C with lid	-	16 hrs	10 hrs
‹ 0 °C without lid	-	5 hrs	3 hrs
‹ 0 °C with lid	-	8 hrs	6 hrs

CoolBox XT and 2XT

- The insulated cartridge must be placed in a -20 °C freezer for at least 12 hours beforehand and then inserted at the base
- The freezing cartridge can be placed in a -80 °C freezer to reduce the start-up time (place at least 6 h at -80 °C) and increase the freezing time
- The cooling cartridge, once removed from the freezer, should be placed on the bench for approximately 10-15 minutes until a temperature of 1 °C is reached (temperature indicator on the cartridge)

Temperature	Cold source	Without lid	With lid
+0.5 °C to +4 °C	Cooling cartridge XT cooling	10 hrs	16 hrs
- 20 °C to 0 °C	Freezing cartridge XT freezing	5 h (8 h*)	8 h (12 h*)
- 78 °C	200 ml dry ice	4 hrs	5 hrs

* By placing the cartridge at - 80 °C beforehand



- Supplied with XT cooling cartridge (1 for XT models and 2 for 2XT models)

Model	Ext./int. Dim. W x D x H* (mm)	Violet	Green	Orange	Pink	€
CoolBox XT	200 x 160 x 150 / 140 x 94 x 99	830144	830133	830145	830139	N/A -
CoolBox 2XT	265 x 200 x 150/ 210 x 143 x 134	830146	830137	830147	830138	N/A -

* internal height with cartridge

Extension neck

to increase the height of the CoolBox XT and 2XT when using high tubes.



Model	Violet	Green	Orange	Pink	€
CoolBox XT	830163	830164	830165	830166	N/A -
CoolBox 2XT	830167	830168	830169	830170	N/A -

Cooling cartridges XT



Cat. No.	Description	€
830148	Cooling cartridge XT cooling	N/A -
830134	Freezing cartridge XT freezing	N/A -

Packs CoolBox XT and 2XT green complete

Cat. No.	Coolbox model	CoolRack included	€
830157	CoolBox XT	XT M24	N/A -
830155	CoolBox XT	XT M24	N/A -
830158	CoolBox 2XT	XT M24 and PCR96	N/A -

CoolRack

- Made of aluminium alloy with high thermal conductivity
- Ensures uniform temperature maintenance across all samples
- No direct contact with ice: no contamination
- Can be used in an ice tray, dry ice, liquid nitrogen, incubator or oven, with CoolBox
- Desired temperature reached quickly
- Cleanable with any type of disinfectant and detergent including RNase away
- Can be used from -196 °C to +100 °C
- Autoclavable





Enter the Cat. No. on dulis.nl to find the compatibility guide

					Compatibility with CoolBox							
Model	**Compatibility**	**Wells**	**Well shape**	**Dim. (W x D x H) (mm)**	**CoolBox XT Starter**	**CoolBox XT**	**CoolBox 2XT**	**CoolBox 30**	Grey	Green	Orange	€
M6	Microtubes 1.5 or 2 ml (Ø 11.5 mm)	6 (3 x 2)	Cylindrical	60 x 43 x 38	1	Up to 3	Up to 8	Up to 2	**830054**	**830055**	**830056**	**N/A -**
M15		15 (3 x 5)		102 x 64 x 38	1	1	Up to 4	1	**830037**	**830038**	**830039**	**N/A -**
XT M24*		24 (6 x 4)		128 x 85 x 38	1	1	Up to 2	-	**830150**	-	-	**N/A -**
M30		30 (5 x 6)		120 x 102 x 38	1	-	Up to 2	1	**830132**	**830031**	**830032**	**N/A -**
M90		90 (6 x 15)		268 x 112 x 38	-	-	-	-	**830026**	-	-	**N/A -**
M96 ID		96 (8 x 12)		254 x 152 x 38	-	-	-	-	**830033**	-	-	**N/A -**
M15-PF	1.5 ml Microtubes (Ø 11.5 mm)	15 (3 x 5)	Conical	102 x 64 x 38	1	1	Up to 4	1	**830041**	-	-	**N/A -**
M30-PF		30 (5 x 6)		120 x 102 x 38	1	-	Up to 2	1	**830042**	-	-	**N/A -**
500 µl M30-PF	0.5 ml Microtubes (11.5 mm ø)	30 (5 x 6)	Conical	120 x 102 x 38	1	-	Up to 2	1	**830044**	-	-	**N/A -**
XT 5 ml*	5 ml Microtubes (16.5 mm ø)	12 (3 x 4)	Conical	127 x 86 x 50	1	1	Up to 2	-	**830261**	-	-	**N/A -**
CF15	Cryotubes or tubes for FACS (Ø 12.7 mm)	15 (3 x 5)	Cylindrical	102 x 64 x 38	1	1	Up to 4	1	**830040**	-	-	**N/A -**
XT CFT24*		24 (4 x 6)		128 x 85 x 38	1	1	Up to 2		**830135**	-	-	**N/A -**
CFT30		30 (5 x 6)		120 x 102 x 38	1	-	1	1	**830045**	-	-	**N/A -**
CF45		45 (5 x 9)		173 x 97 x 38	-	-	1	-	**830028**	-	-	**N/A -**
XT M-PCR*	6 x 0.2 ml strips and 12 x 1.5 ml or 2 ml microtubes (Ø 11 mm)	12 (3 x 4) 48 (8 x 6)	Cylindrical Tapered	127 x 86 x 25	1	1	Up to 2	-	**830151**	-	-	**N/A -**
XT PCR96*	PCR 96-well plate	96 (8 x 12)	Tapered	127 x 86 x 25.4	1	1	Up to 2	-	**830143**	-	-	**N/A -**
XT PCR384*	PCR 384-well plate	384 (16 x 24)	Tapered	127 x 86 x 19	1	1	Up to 2	-	**830149**	-	-	**N/A -**
96 x 0.5 ml	2D storage tubes 0.5 ml (8.4 mm Ø)	96 (8 x 12)	Cylindrical	131 x 89 x 36	1	1	Up to 2	-	**830058**	-	-	**N/A -**
96 x 1 ml	2D storage tubes 1.4 ml (11.1 mm Ø)	96 (8 x 12)	Cylindrical	132 x 89 x 43	1	1	Up to 2	-	**830048**	-	-	**N/A -**
SV2	Serum Vial 2ml (16 mm Ø)	12 (3 x 4)	Cylindrical	127 x 86 x 38	1	1	Up to 2	-	**830262**	-	-	**N/A -**
SV10	Serum Vial 10 ml (23.6 mm Ø)	12 (3 x 4)	Cylindrical	127 x 86 x 38	1	1	Up to 2	-	**830252**	-	-	**N/A -**
L	Centrifuge tubes 15 ml (Ø 17. mm)	12 (3 x 4)	Cylindrical	137 x 95 x 118	1	1**	Up to 2**	-	**830140**	-	-	**N/A -**
15 ml	Centrifuge tubes 15 ml (17. Mm Ø)	9 (3 x 3)	Cylindrical	89 x 89 x 107	1	1**	Up to 2**	-	**830049**	-	-	**N/A -**
50 ml	Centrifuge tubes 50 ml (29.5 mm Ø)	4 (2 x 2)	Cylindrical	89 x 89 x 107	1	1**	Up to 2**	-	**830050**	-	-	**N/A -**
LV	Blood tubes 16.6 mm Ø	12 (3x4)	Cylindrical	137 x 95 x 96	1	1**	Up to 2**	-	**830141**	-	-	**N/A -**
VS13	Blood tubes 13 mm Ø Height 75 mm	9 (3 x 3)	Cylindrical	89 x 89 x 61	1	1**	Up to 2**	-	**830053**	-	-	**N/A -**
V13	Blood tubes 13 mm Ø Height 100 mm	9 (3 x 3)	Cylindrical	89 x 89 x 84	1	1**	Up to 2**	-	**830051**	-	-	**N/A -**
V16	Blood tubes 16 mm Ø 100 mm	9 (3 x 3)	Cylindrical	89 x 89 x 84	1	1**	Up to 2**	-	**830052**	-	-	**N/A -**

* SBS format **Requires a raised collar to close the lid - With tube locking system - With heat conductive base and external insulation

All prices are indicative and exclude VAT. Visit www.dulis.nl

COOLING RACKS / CELL FREEZING SYSTEMS

CoolSink



CoolSkin XT96U
Cat. No. 830153

CoolSkin XT96F
Cat. No. 830152

- Thermally conductive plate for uniform temperature distribution
- Compatible with ice, dry ice, liquid nitrogen, water bath
- Can be used from -196 °C to +100 °C
- XT96F and XT 96U are compatible with coolBox XT

Cat. No.	Models	For	Dim. W x D x H (mm)	€
830152	XT 96F	6.12.24.49.96 or 384-well plates, flat bottom	128 x 85 x 17	N/A -
830153	XT 96U	96-well plate,Rounded-bottom	128 x 85 x 17	N/A -
830160	LX55	Reagent reservoir 55 ml	146 x 64 x 35	N/A -

Thermal trays



- Thermally conductive trays for CoolRack or CoolSink
- Can be used in liquid media (crushed ice, water bath, liquid nitrogen) and allows for sample stability

Cat. No.	Models	For	Dim. W x D x H (mm)	€
830027	HP	Water Bath	280 x 140 x 32	N/A -
830035	LP	Crushed ice	280 x 140 x 51	N/A -
830059	SLP	Liquid nitrogen	280 x 140 x 86	N/A -

Mr Frosty freezer container



The little freezing container for your cells that cools them gently!

- Freezes cells at the ideal rate of -1 °C per minute and ensures proper cryopreservation and viability upon thawing
- Polycarbonate container, blue HDPE cap
- White high-density polyethylene tube holder
- Internal foam insert
- To be used with isopropyl alcohol

For tubes	1 / 1.2 / 2 ml	3.6 / 4 ml	4.5 / 5 ml
Lid diameter (mm)	120	120	120
Diameter x H (mm)	117 x 86	117 x 151	117 x 151
Tube Capacity	18	12	12
Vol. isopropyl alcoho	250 ml	500 ml	500 ml
Cat. No.	**028550**	**030006**	**030007**
€	**N/A -**	**N/A -**	**N/A -**

Cryo Cooler freezer container



- Progressive freezing box for 18 cryotubes 1 or 2 ml
- To be filled with isopropyl alcohol
- Provides gradual freezing of 1 °C per minute
- ø x H: 117 x 86 mm
- Screw-on lid

Cat. No.	Description	€
913081	Cryo Cooler freezer container	N/A -

CoolCell

- Freezing system with no alcohol or refrigerant, no extra cost, no maintenance, no waste
- Cell freezing at -1 °C/minute when placed in a -80 °C freezer
- Compatible with all cell types (stem cells, primary cells, PBMC, insect cells, yeast, and others)
- Thermally conductive alloy core and insulating outer coating for constant cooling and high reproducibility
- Symmetrical design, uniform freezing of tubes
- Can be used after only 5 minutes
- All tube slots must be filled for even freezing



CoolCell

- Economical version
- High base, no visibility at the top of the tube

CoolCell LX

- The insulating coating and the thermally conductive core ensure that the heat emitted by the tubes is dissipated throughout the freezing period
- Bevelled lid design for easy opening and access to the top of the tubes
- When the lid is removed, the top of the tubes is visible for better identification and gripping of the tubes
- Numbered wells
- Combination of polyurethane foam, solid body, and symmetrical tube holder
- The polyurethane foam prevents the temperature inside the freezer from rising, thus protecting the surrounding samples

CoolCell FTS30

- Controlled micro-convection technology allows cold air from the freezer to be drawn in evenly at -80 °C through a vent at the bottom of the box. The cold air is dispersed evenly around each bottle. Hot air is released from the bottles and is evacuated through a top vent
- Easily removable holder for 30 cryotubes
- The polyurethane foam prevents the temperature inside the freezer from rising, thus protecting the surrounding samples

CoolCell SV2 and SV10

- The insulating coating and the thermally conductive core ensure that the heat emitted by the tubes is dissipated throughout the freezing period
- For 2 ml (model SV2) and 5 ml (model SV10) serum vials
- When the lid is removed, the top of the tubes is visible for better identification and gripping of the tubes

Model	Compatibility	Tubes No.	Dim.(Ø x H) mm	Violet	Green	Orange	Fuschia	€
CoolCell	Cryotubes 2 ml	12	118 x 98	**830015**	-	**830017**	-	N/A -
CoolCell FX	Cryotubes 0.5 or 1 ml	12	118 x 110	**830380**	-	**830381**	-	N/A -
CoolCell LX	Cryotubes 2 ml	12	117 x 109	**830159**	**830105**	**830106**	**830107**	N/A -
CoolCell FTS30	Cryotubes 2 ml	30	165 x 115	**830019**	**830020**	**830021**	**830102**	N/A -
CoolCell 5ml LX	Cryotubes 5 ml	12	95 x 145	**830108**	-	-	-	N/A -
CoolCell SV2	Serum vial 2 ml	12	117 x 109	**830023**	-	-	-	N/A -
CoolCell SV10	Serum vial 10 mL (Ø 23 mm)	6	117 x 109	**830024**	-	-	-	N/A -

Accessories

- Filling bottles to be inserted in the empty slots to ensure efficient and uniform freezing



Cat. No.	Vol. (ml)	Compatible	Units/ box	€/ box
830161	2	CoolCell, CoolCell LX and CoolCell FTS30	6	N/A -
830162	5	CoolCell 5ml LX	6	N/A -

Pack of 4 assorted CoolCell LX

Cat. No.	Description	€
830278	Pack of 4 CoolCell LX assorted (green, orange, purple, pink)	N/A -

Ideal for handling cold cryotubes

- Made of polypropylene
- Not autoclavable
- Dim. L x W (mm): 152 x 25



Cat. No.	Description	Units/ box	€/ box
830264	Clamp	5	N/A -

Rack for 30 x 1 or 2 ml cryotubes

- Compatible with CoolCell FTS30 and all 130 x 130 x 51 mm freezer boxes
- Suitable for use with dry ice or liquid nitrogen



Cat. No.	Description	€
830100	Holder for 30 tubes	N/A -

Complete cryopreservation system for cells

- Kit including XT Starter coolbox and CoolRack SV for sample temperature descent and 1 Coolcell for cryopreservation at -80 °C

Cat. No.	CoolRack included	CoolCell included	Compatibility	€
830258	CoolRack SV2	CoolCell SV2	Serum Vial 2ml (16 mm Ø)	N/A -
830259	CoolRack SV10	CoolCell SV10	Serum Vial 10ml (23.6 mm Ø)	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

ICE RACKS AND TRAYS

Cooling rack for 50 microtubes



Rack with cooling reservoir for ice or water, for 50 microtubes or tubes up to 12 mm diameter.

- **Polypropylene, autoclavable at 121 °C for 20 minutes**
- **Dimensions: 254 x 133 x 73 mm**

Cat. No.	Description	€
085958	Rack for 50 microtubes	N/A -
085959	Lid for rack	N/A -

Refrigerated racks for microtubes



- **Made of polystyrene, in two pieces**
- **Allow the base to be filled with water or crushed ice**
- **Stackable**

Cat. No.	Capacity	L x W x H (mm)	€
045876	105 x 0.2 ml or 0.4 ml microtubes	16 x 124 x 67	N/A -
045878	120 x 1.5 ml or 2 ml microtubes	406 x 143 x 57	N/A -

Foldable ice tray



- **Foldable to save space**
- **Can be used as a tray for keeping samples cold for a long time or as a container for liquids**
- **Handle on top for transport and moulded handle at the base for tipping**
- **Opening on the inside of the lid for optimal temperature retention**

Cat. No.	Description	€
162631	Ice tray 5 l	N/A -

Ice Pan



- **Ideal for the transport of samples**
- **Can be used with: ice, dry ice**
- **Stackable, lightweight**
- **Flat bottom**
- **Storage temperature -196 °C to +93 °C**

Volume (l)	Lid	Dimensions (mm)	Black	Red	Green	Blue	€
1	With	183 x 183 x 116	088814	088815	088816	088813	N/A -
4	With	304 x 229 x 200	088818	088819	088820	088817	N/A -
9	Without	420 x 303 x 200	088822	088823	088824	088821	N/A -
9	With	420 x 303 x 200	088826	088829	088830	088825	N/A -

Ice Bucket



- **For keeping warm or cold**
- **Durable, stackable and lightweight**
- **Flat bottom**
- **Can be used with ice or dry ice**
- **Storage temperature -196 °C to +93 °C**
- **Supplied with lid**
- **ø x H without / with lid:**
  - model 2.5 litres: 268 x 164 mm / 268 x 179 mm
  - model 4 litres: 268 x 212 mm / 268 x 227 mm

Volume (l)	Black	Red	Green	Blue	€
2.5	088806	088807	088808	088805	N/A -
4	088810	088811	088812	088809	N/A -

Isothermal polyurethane containers

- Hard
- In polyurethane
- Completely waterproof and unbreakable in normal use
- Can be used with dry ice, ice or saline solutions
- Supplied complete with insulating cover
- Flat bottom
- Capacity: 4.5 l / weight: 1.2 kg
- L x W x H ext.: 210 x 210 x 185 mm, int.: 155 x 155 x 125 mm



Colours	Black	Blue	Green	€
Cat. No.	001034	001354	001355	N/A -

PVC ice trays

- One-piece moulded PVC
- Background with raised centre
- Resistant to acids, bases, alcohols, acetone
- For ice and dry ice
- Very good insulation
- Can be used from - 196 °C to + 93 °C
- 2.5 and 4.5 l models with lid



Volume (l)	Dim. L x W x H ext. (mm)	Dim. L x W x H int. (mm)	Blue	Green	Red	Black	€
1	200 x 175 x 91	110 x 110 x 50	139943	139944	139945	139947	N/A -
4	350 x 240 x 122	245 x 144 x 85	139948	139949	139950	139952	N/A -
9	490 x 370 x 140	360 x 240 x 120	139953	139954	139955	139957	N/A -
2.5	330 x 280 x 122	180 x 180 x 80	139958	139959	139960	139962	N/A -
4.5	330 x 280 x 185	160 x 160 x 130	139963	139964	139965	139967	N/A -

Polyurethane isothermal coolers

Rigid polyurethane bins, ideal for long-term storage of cold samples.

- Excellent insulation down to -80 °C
- Background with raised centre
- Precision spout
- Near-zero evaporation thanks to the flush lid
- 4 models 1, 4 or 9 l; 4 l model available in two sizes



Cat. No.	Format	Ext.Dim W x D x H. (mm)	Int. Dim. W x D x H. (mm)	Vol. (l)	Colour	€
320089	Cylindrical	181 x 234 (H x D)	NC	4	Black	N/A -
320090	Rectangular	267 x 195.5 x 114	115 x 115 x 73	1	Green	N/A -
320091	Rectangular	381 x 254 x 182	200 x 150 x 100	4	Blue	N/A -
320092	Rectangular	521 x 292 x 163	NC	9	Red	N/A -

Ice trays





- Unbreakable
- Stackable
- Light
- Waterproof
- Flat bottom

Volume (l)	Lid	Dim. (mm) L x W x H	Green	Red	Blue	Light green	Orange	Pink	Violet	€
1	Without	159 x 159 x 95	830087	830088	830127	830128	830129	830130	830131	N/A -
4	Without	311 x 222 x 114	830084	830085	830116	830117	830118	830119	830120	N/A -
4 (round)	With	216 x 170 (Ø x H)	830086	830121	830122	830123	830124	830125	830126	N/A -
9	Without	406 x 317 x 114	830082	830083	830111	830112	830113	830114	830115	N/A -

PolarSafe ice buckets and trays

- Made of high density polystyrene foam
- Can be used with ice, dry ice or melted ice
- Flat bottom



Cat. No.	Shape	Dimensions (mm)	Volume (l)	Colour	€
141362	Bucket	Ø 270 x H. 100	2.5	Black	N/A -
141363	Bucket	Ø 270 x H. 160	5	Blue	N/A -
141365	Tray	220 x 300 x 120	4	Blue	N/A -
141366	Tray	300 x 340 x 120	7.5	Green	N/A -

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Ice Pan



- Triple density expanded polystyrene: highly insulating, keeps ice 30% longer than a conventional bin
- Stackable, lightweight
- Resistant to ice-ethanol, dry ice and liquid nitrogen

Model	Ice Pan 1 litre	Ice Pan 4 litres	Ice Pan 9 litres
Blue	053463	053466	053469
Green	053464	053467	053470
€.	N/A -	N/A -	N/A -

Igloo box



- Made of expanded polystyrene, lightweight and economical
- For storing or transporting refrigerated samples
- To be used with Igloo racks

Cat. No.	Description	Dimensions (mm)	Capacity (l)	€
041051	Igloo Ice bucket standard	200 x 200 x 190	3.5	N/A -





Igloo racks for Igloo boxes

- Acrylate racks
- L x W x D: 160 x 80 x 40 mm

Cat. No.	Description	€
041028	Igloo Rack, 8 x 50 ml tubes	N/A -
041027	Igloo Rack, 15 x 15 ml tubes	N/A -
041029	Igloo Rack 2 tubes Falcon and 8 x 1.5 ml microtubes	N/A -
041054	Igloo Rack 16 x 1.5 ml microtubes and 16 x 0.5 ml microtubes	N/A -
041053	Igloo Rack 32 x 2 ml microtubes	N/A -
041052	Igloo Rack 32 x 1.5 ml microtubes	N/A -
041055	Igloo Rack 40 x 0.5 ml microtubes	N/A -

Bench top freezing station



Cryostation

- Triple density expanded polystyrene
- Rapid freezing of samples in liquid nitrogen
- Lightweight, unbreakable construction: no glass bulb
- Thick walls limit condensation

Maximum Volume (l)	1
Useful Volume (ml)	750
Opening diameter (mm)	89
Wall thickness (mm)	51
Evaporation	50 g /30 minutes
Dimensions L x Ø (mm)	280 x 190
Cat. No.	**053575**
€	**N/A -**

Cryo-Dipper



- Rack for freezing, storing and removing tubes
- Material: PVC
- Capacity: 36 cryo tubes, 0.5 ml and 1.5 - 2 ml
- Removable ballast
- Dim. L x Ø (mm): 178 x 80

Cat. No.	Description	€
053576	Cryo-Dipper 36 tubes	N/A -

Cryo-Net



- Freezing and removal of bulk samples
- Nylon net
- Rapid freezing of samples, direct contact with liquid nitrogen

Cat. No.	Description	€ 5 units
053577	Cryo-Net	N/A -

Thermal microbeads

- Thermally conductive glass beads for water bath, dry bath, block and microbead bag
- For use with water baths, dry baths or ice trays
- Reduce the risk of contamination compared to handling in liquid media
- Hold tubes and bottles without a rack
- Autoclavable, resistant to most solvents
- Uniform temperature distribution around tubes and bottles

Cat. No.	Description	€
053578	Thermal microbeads 1 l	N/A -



Bag for microbeads





- Nylon mesh with slide fastener
- To store, clean, use or transport thermal microbeads
- Place on a bed of ice to extend the cooling capacity of the tubes

Cat. No.	Description	€
053579	5 l thermal bead bag	N/A -

Microbead blocks

- In Anodised aluminium
- Single or double blocks suitable for most standard size dry baths
- Can be placed in dry ice

Cat. No.	Description	€
053581	Doble-place microbead red chamber 152 x 94 x 76 (mm)	N/A -

Cryokit protective equipment

Cryokit Case

- Standard size case, grey plastic

Kit Contents:

- 1 pair of gloves
- 1 Cryo-light apron 90 cm
- 1 pair of gaiters
- 1 Clear-Cryo visor
- 1 Cryokit carrying case

Gloves	Length (cm)	Size 8	Size 9	Size 10	€ per pair
CryoPlus 2.0	38	005259	005260	005261	N/A -
CryoPlus 2.1	38	005264	005265	005266	N/A -
CryoPlus 2.1	45	005269	005270	005271	N/A -
CryoPlus 2.1	55	005273	005274	005275	N/A -
CryoPlus 2.1	65	005277	005278	005279	N/A -
Cryokit 400	40	005282	005283	005284	N/A -
Cryokit 550	55	005286	005287	005288	N/A -



Bluebox case

- Blue plastic slim suitcase

Kit Contents:

- 1 pair of gloves
- 1 Cryo-Plus apron 90cm
- 1 pair of Vision Cryo face protection goggles
- 1 Bluebox carrying case

Gloves	Length (cm)	Size 8	Size 9	Size 10	€ per pair
CryoPlus 2.0	38	005297	005298	005299	N/A -
CryoPlus 2.1	38	005302	005303	005304	N/A -
CryoPlus 2.1	45	005307	005308	005309	N/A -
CryoPlus 2.1	55	005311	005312	005313	N/A -
CryoPlus 2.1	65	005315	005316	005317	N/A -
Cryokit 400	40	005320	005321	005322	N/A -
Cryokit 550	55	005324	005325	005326	N/A -



TIP



Other kit compositions on request, please contact us and see the full range in the health and safety section

All prices are indicative and exclude VAT. Visit www.dulis.nl

Isothermal transport systems

- **Certified Medical Device Class IIa according to MDR 2017/745**
- **Complies with European regulations on the international transport of dangerous goods by road (ADR), by rail (RID), by sea (IMDG), by air (ICAO-TI/IATA-DGR)**
- **Passive systems**
- **Polyurethane foam interior insulation to maintain the interior temperature for more than 24 hours depending on the model**
- **Very robust construction with roto-moulded outer and inner box, made of polyethylene, for intensive use, almost insensitive to shocks and falls**
- **Heavy duty locking system with padlock (not included)**
- **Carrying handles throughout the range, shoulder strap for smaller models**
- **Containers available with either water-filled cooling elements (0.3 l and 0.6 l) or phase change eutectics for temperature maintenance at +37 °C, +22 °C, +4 °C or -32 °C**



Model	MT2	MT4	MT8	MT12	MT25
Gross volume (l)	2.2	8	20	24	44
Storage capacity in pouches	1 (450 ml) or 2 (270 ml)	4 (450 ml) or 6 (270 ml)	8 (450 ml) or 14 (270 ml)	15 (450 ml) or 25 (270 ml)	26 (450 ml) or 40 (270 ml)
Storage time at +32 °C	Up to 13 h 30 m	Up to 46 h	Up to 57 h	Up to 96 h	Up to 109 h
Storage time at +43 °C	-	Up to 32 h 30 m	Up to 16 h 20 m	Up to 56 h 30 m	Up to 74 h
Ext. dimension H x L x D (mm)	210 x 250 x 150	299 x 362 x 283	437 x 588 x 288	499 x 550 x 475	499 x 710 x 550
Int. dimensions H x L x D (mm)	130 x 190 x 90	186 x 260 x 156	245 x 460 x 180	270 x 340 x 260	264 x 496 x 334
Empty weight (kg)	1.3	3.1	7	11.7	17
Full weight (kg)	2.2	7.6	14.2	25	40
Insulation thickness (mm)	30	23-27	50-60	90-105	90-105
Material	Polyethylene	Polyethylene	Polyethylene	Polyethylene	Polyethylene
Medical Device Certificate	MDR (EU) 2017/745, Class IIa	MDR (EU) 2017/745, Class IIa	MDR (EU) 2017/745, Class IIa	MDR (EU) 2017/745, Class IIa	MDR (EU) 2017/745, Class IIa
Inner compartment	-	1 in polystyrene	1 in polystyrene (with lid)	1 stainless steel (with lid)	1 stainless steel (with lid)
Shoulder strap (adjustable)	1	1	1	-	-
Carrying handle	-	1	1	2	2
With cooling elements					
Cooling elements 0.3 l	2	3	-	-	-
Cooling elements 0.6 l	-	2	4	6	12
Cat. No.	**714006**	**714007**	**714008**	**714009**	**714010**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**







Containers with eutectic plates

Container		MT4 (4 x 0.3 l + 1 x 0.6 l)	MT8 (12 x 0.6 l)	MT12 (14 x 0.6 l)	MT25 (18 x 0.6 l)
Yellow plate	+37 °C	**714012**	**714016**	**-**	**-**
Green plate	+22 °C	**714011**	**714015**	**-**	**714021**
Blue plate	+4 °C	**714013**	**714017**	**714019**	**714022**
Orange plate	-32 °C	**714014**	**714018**	**714020**	**714023**
	€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Eutectic plates

Colours	Orange	Blue	Green	Yellow
Nominal temperature	-32 °C	+4 °C	+22 °C	+37 °C
Use	<-30 °C Fresh frozen plasma Filling volume: 250 ml	+ 2 °C > +8 °C Erythrocyte concentrate Filling volume: 280 ml	+15 °C > +25 °C Platelet concentrate Filling volume: 270 ml	>+35 °C Blood samples Filling volume: 9 ml
Temperature / preconditioning time	≤-3 °C / >72 h / >4 °C	≤22 °C / >72h / >15 °C	≤37 °C / >72 h / >30 °C	≤-32 °C / >72h / >40 °C
0.3 l	**714027**	**714026**	**714024**	**714025**
0.6 l	**714031**	**714030**	**714028**	**714029**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

25 and 32 l coolers



Volume (l)	25	32
Ext. Dimensions W x D x H (mm)	420 x 250 x 350	440 x 270 x 380
Int. Dimensions W x D x H (mm)	360 x 200 x 260	400 x 220 x 280
Cat. No.	**940892**	**940893**
€	**N/A -**	**N/A -**

Small cooler 4.7 litres

- **Polyurethane foam insulation**



Cat. No.	Description	Dimensions H x W x D (cm)	€
071149B	Cooler 4.7 litres	18 x 26 x 20	**N/A -**

Ice Box Pro Cooler

- **In HDPE**
- **Expanded polyurethane insulation**
- **2 folding handles on the sides**
- **Temperature de -20 °C to +40 °C**
- **Drain cap**



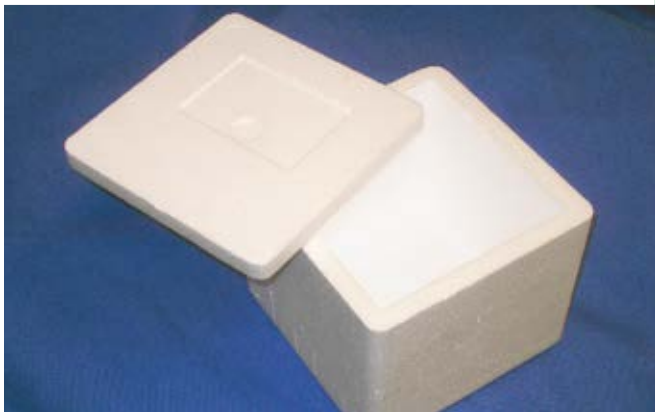


Cat. No.	Volume (l)	Ext. dim. L x W x H (mm)	Int. Dim. top L x W x H (mm)	Int. Dim. bottom L x W x H (mm)	Weight (kg)	Divider	Wheels	€
320901	35	555 x 333 x 415	480 x 270 x 305	440 x 240 x 305	5.2	No	No	**N/A -**
320902	50	650 x 400 x 430	565 x 325 x 320	525 x 295 x 320	6.4	No	No	**N/A -**
320903	60	470 x 395 x 415	645 x 325 x 335	605 x 305 x 335	7.4	No	No	**N/A -**
320904	110	860 x 470 x 500	780 x 390 x 395	740 x 360 x 395	11.6	No	No	**N/A -**
320905	65	750 x 470 x 470	650 x 340 x 330	610 x 320 x 330	9.5	Yes (1 removable)	Yes	**N/A -**
320906	80	830 x 470 x 520	730 x 340 x 380	690 x 320 x 380	12.5	Yes (1 removable)	Yes	**N/A -**

Transport boxes

For transporting or storing samples in ice.

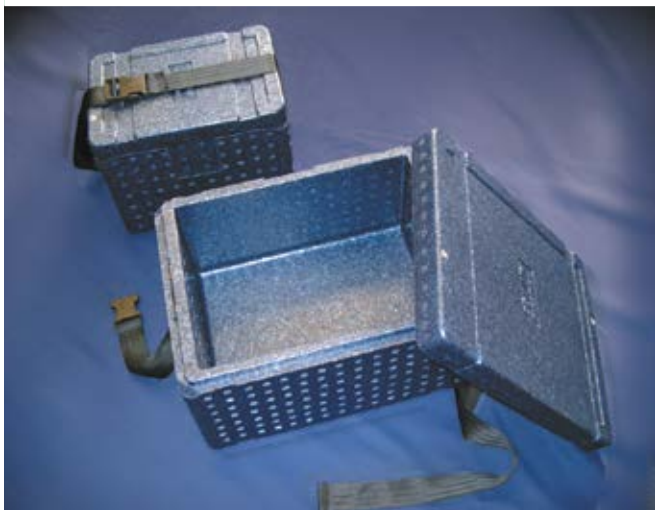
- **Expanded polystyrene**
- **Food grade material**
- **CFC-free**
- **Fully recyclable**



Cat. No.	Ext. dimensions (mm)	Int. dimensions (mm)	Wall thickness	Useful volume	Units/ box	€/ box
014244B	ø x H = 120 x 200	ø x H = 90 x 170	15 mm	0.3 l	500	**N/A -**
014245A	150 x 150 x 140	120 x 120 x 110	15 mm	1.5 l	96	**N/A -**
014243	180 x 180 x 150	150 x 150 x 120	15 mm	2.7 l	96	**N/A -**

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TARABOX storage and transport cooling boxes



- Transport box made of expanded blue polypropylene foam
- Expanded polypropylene has very good impact resistance and shape memory
- Universal container for transporting samples
- Use with ice packs (do not use with dry ice)
- Stackable

Cat. No.	Type	L x W x H (mm)	Volume (l)	Wall thickness (mm)	Weight (g)	€
398002B	S	300 x 200 x 220	6	35	400	N/A -
398003	M	400 x 300 x 220	12	30	830	N/A -
398004	L	600 x 400 x 320	44	30	1780	N/A -
398005	XL	80 x 600 x 520	165	40	5250	N/A -

Accessory

Cat. No.	Description	€
398007	Strap for TARABOX	N/A -

Stainless steel isothermal bottles



- For storing cold or hot liquids or small samples
- Stainless steel
- Double wall vacuum insulated
- Preservation 24 hours for the large model and 16 hours for the small model
- 2 volumes: 0.5 l and 1 l

Volume (l)	0.5	1
Cat. No.	071122	071123
€	N/A -	N/A -

Cooler bag





- Removable partition
- 2 litre storage box (medium version) and 3 litres (large version), designed for the microwave (up to 110 °C), freezer
- A small flexi freez pack included (Cat. No. 071124)

Cat. No.	Size	Capacity (l)	Dimensions H x W x D (cm)	€
071131	Large	3	14 x 24 x 18	N/A -

PolairPack Insulated Packaging



- Lid fitted with closed cell reticulated foam to ensure watertightness
- White outer cardboard box layered DDMM (double/double micro ribbed/micro ribbed) Certification LNE C.27 N° 5671-12
- Inner cardboard box: compact white hydrophobic food grade

The PolairPack insulated packaging is specially designed to meet the requirements of temperature-controlled transport. The packaging, with its long isothermal life (up to 150 hours), combines original manufacture and design. Its structure is made of CFC-free polyurethane foam with a density of 40 to 45 kg/m³. The high-pressure injection is made in one piece, filling the entire space between the inner and outer walls. Requiring less refrigeration, the lighter packaging reduces transport costs.

Cat. No.	Volume (l)	Int. dimensions (mm)	Ext. dimensions (mm)	€
080395	4.5	NC	268 x 268 x 310	N/A -
080396	11	240 x 240 x 200	380 x 380 x 340	N/A -
080397	22	305 x 235 x 320	430 x 360 x 450	N/A -

TIP
For use with ice packs (page 784)

Transport of biological samples

- Aluminised thermal protection
- External dimensions: 100 x 100 x 200 mm
- Standard black print UN 2814
- ADR/ IATA compliant P 620 & P 650 for the transport of biological substances category A & B
- Kit components:
  - 1 transport box with flaps
  - 1 tamperproof pot 650 ml
  - 1 A5 certified bag 95 KPA
  - 1 zip bag
  - 1 absorbent pad 150 ml

Cat. No.	Description	€
080394	Kit 650 ml STANDARD CLASS 6.2 UN 2814 ONU 981 208	N/A -



Transport bags and containers

Transport bags

- Transport and protection system for biological samples
- ADR compliant
- UN3373 compliant - for transport of B biological substances
- PVC-coated polystyrene 600/900 exterior
- PVC coated 210/210 nylon interior
- Semi-rigid structure
- Zip closure
- Inner pocket for cooling element, outer pocket for document
- Can be disinfected with standard disinfection solutions
- Sterilizable with aqueous solutions, cold sterilization
- Not autoclavable, washable at 40 °C
- Blue
- English/German marking



390971B



390974B



390975

Cat. No.	Suitable for	Dimensions (mm)	Internal pocket for	€
390971B	1 container 390975	280 x 180 x 210	1 cooling element	N/A -
390972B	2 Containers 390975	320 x 300 x 220	2 cooling elements	N/A -
390947B	3 Containers 390975	430 x 300 x 200	3 cooling elements	N/A -
390948B	6 Containers 390975	420 x 300 x 380	4 cooling elements	N/A -
390974B	1 container 390860	ø 120 x 150	-	N/A -

Carrying case for vacuettes

- Ensures the safe transport of vacuettes
- Made of polypropylene
- Silicone seal
- Foam insert for 40 vacuettes
- Absorbent polymer buffer
- Storage temperature -18 °C to +50 °C
- Complies with ADR/RID, IATA-DG, ICAO and IMDG Code

Cat. No.	Dimensions (mm)	€
390975	270 x 125 x 180	N/A -

Carrying case for vacuettes

- Ensures the safe transport of vacuettes
- UN3373 compliant - for transport of B biological substances
- Made of polypropylene
- For tubes 13 x 75 mm, 13 x 100 mm, 16 x 100 mm
- Absorbent buffer
- Foam insert for 12 tubes
- Complies with ADR/RID, IATA-DG, ICAO and IMDG Code

Cat. No.	Dimensions ø x H (mm)	€
390860	113 x 130	N/A -

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Movebox - transport solution for biological samples

Movebox

- Complies with ADR 2009 - instruction P650 for the transport of category B biological samples
- Complies with GBEA II 2002 and NF EN ISO 15189 2007
- The system can hold up to 77 tubes of 5, 7 or 10 ml
- Rack with 2 integrated gripping handles
- Ergonomic solution

Movebag cooler bag

- Capacity of up to 4 Moveboxes, i.e. 308 tubes
- Internal resistant pocket for eutectic plates
- Easy to decontaminate



Eutectic plates for Movebag

- Optimised temperature management: ambient (+22 °C) or +4 °C

Tube rack

- For tubes of 13 or 16 mm diameter
- 2 handles for easy handling of the rack
- Easy decontamination

Absorbent for Movebox box

- Sheet with gel micro-particles to absorb liquid in the event of a leak

Cat. No.	Description	€
368700	Movebox kit (Movebag cooler bag, 4 Movebox boxes with holder for 13 mm diameter tubes and 2 absorbents/box)	N/A -
368701	Movebag cooler bag for 4 Movebox boxes	N/A -
368702	Movebox box with holder for 13 mm diameter tubes and 2 absorbents	N/A -
368703	Movebox box with holder for 16 mm diameter tubes and 2 absorbents	N/A -
368704	Box Movebox, Natural	N/A -
366907	Box Movebox, White	N/A -
361575	Box Movebox, Yellow	N/A -
361577	Box Movebox, Purple	N/A -
361578	Box Movebox, Green	N/A -
361579	Box Movebox, Pink	N/A -
368705	Rack for 13 mm diameter tubes	N/A -
368706	Rack for 16 mm diameter tubes	N/A -
368707	Eutectic plate 22 °C, 200 g	N/A -
368708	Eutectic plate 22 °C, 1100 g	N/A -
368709	Eutectic plate 4 °C, 200 g	N/A -
368710	Eutectic plate 4 °C, 1100 g	N/A -

Freez'Pack ice block



- To keep products, liquids or medicines cool
- Safe (non-toxic refrigerant)
- Reusable at will
- Leave in the freezer for 2-4 hours before use
- Produces cold as long as it is frozen
- Place the Freez'Pack on top of the products to be kept refrigerated

Cat. No.	Model	For Coolers, volume	Dimensions (mm)	Units/ box	€/ box
071110	M5	1 to 6 l	150 x 76 x 24	2	N/A -
071111	M10	6 to 10 l	180 x 95 x 32	1	N/A -
071112	M 20	10 to 19 l	200 x 170 x 30	1	N/A -
071113	M 30	19 to 32 l	273 x 200 x 30	1	N/A -

New Ice cushion



Ice cube in the form of a cushion filled with ultra-pure water. Ideal for storing chilled samples without the inconvenience of melting ice cubes.

- Formed from a high purity FDA approved polyethylene bag
- Filled with ultra pure water
- Reusable, washable and refreezable

Cat. No.	Description	Units/ box	€/ box
053096	New Ice, Ice cushion	45	N/A -

Gel Pack o °C Cooling Gels

Standard Gel Pack

Cat. No.	Description	Dimensions W x D x H (mm)	Units/ box	€/ box
761001B	Nylon 250 g	160 x 155 x 20	36	N/A -
761002A	Nylon 500 g	180 x 155 x 20	20	N/A -
761003B	Nylon 1 kg	270 x 155 x 30	12	N/A -

Woven Gel Pack

Condensation-absorbing woven coating.

Cat. No.	Description	Dimensions W x D x H (mm)	Units/ box	€/ box
761004A	Woven 250 g	160 x 155 x 20	36	N/A -
761005A	Woven 500 g	180 x 155 x 20	20	N/A -
761006	Woven 1 kg	265 x 160 x 30	12	N/A -
761006A	Woven 1 kg	270 x 155 x 30	12	N/A -

Melamine Gel Pack

Highly resistant coating optimises the reuse of the gel.

Cat. No.	Description	Dimensions W x D x H (mm)	Units/ box	€/ box
761007	Nylon melamine 1 kg	230 x 200 x 30	12	N/A -
761007A	Nylon melamine 1 kg	230 x 200 x 30	12	N/A -

- With standard nylon, woven or melamine coating
- Non-toxic, non-hazardous
- Biodegradable
- FDA 176.170 compliant for food contact

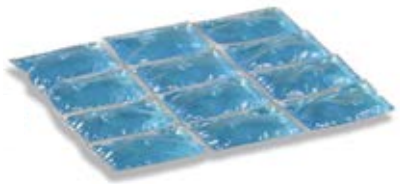


Flexi Pack cold accumulator

Remains flexible when frozen! Ideal for cooling a bottle as it wraps around it. Can also be used 1er aid.

- Ideal for coolers with a capacity between 11 l and 18 l
- Size: 19.5 x 24 x 1.8 cm / Weight: 300 g
- 12 compartments

Cat. No.	Description	€
071125	Freez Flexi Pack 12 compartiments	N/A -



Dry ice storage container

- Chest made of monobloc polyethylene; isothermal by expanded polyurethane foam
- Lid: Monobloc frame silicone seal, moulded hinges
- Lid gasket allows for isotherm and gas to pass through
- Embedded label holder, moulded carrying handles
- Drain and flush-mounted frame in corrosion-resistant steel from 150 litres
- Stacking bins
- Embedded closing latch - sealable with a padlock/seal
- Optional castor base


BAC 130


BAC 420

Cat. No.	Model	Capacity (litres)	Ext. width (mm)	Ext. depth (mm)	Ext. height (mm)	Int. width (mm)	Int. depth (mm)	Int. height (mm)	Weight (kg)	€
091733	BAC 55	53	600	500	580	415	315	410	16	N/A -
092800	BAC 130	138	800	600	715	620	410	520	31	N/A -
092801	BAC 160	150	800	600	1050	580	370	700	50	N/A -
092802	BAC 320	324	1200	800	930	980	580	570	83	N/A -
091738	BAC 420	420	1200	800	1050	1000	600	700	90	N/A -

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Device for making dry ice blocks



- For the production of dry ice blocks Ø 92 x 104 mm, 454 g
- Pressure gauge and pressure relief valve
- Does not require an electrical connection
- Includes a 1.8m nickel plated copper connecting tube
- Epoxy frame with 4 non-skid rubber feet to prevent sliding
- 8 to 9 blocks made per 22 kg bottle

Cat. No.	Device Dimensions (L x W x H) mm	€
088707	370 x 140 x 150	N/A -

Dry ice production system



- Compact, low weight
- Does not require an electrical connection
- Easy to use
- For the production of 1 kg dry ice blocks (± 10 %)

Block Dimensions W x D x H (mm)	80 x 110 x 180
Box dimensions W x D x H (mm)	160 x 160 x 225
Production with 34 kg_{CO2} cylinder	5 to 6 blocks
Cat. No.	**020700**
€	**N/A -**

Cryogenic mortar





Cryogenic mortar version

- Supplied without pestle
- Dimensions (ø x H): 16.5 x 11.4 cm
- Handle for removing stainless steel mortar
- Blue polyethylene bowl
- Suction cups for mortar stability

Mini Cryogenic mortar version

- Allows the grinding of small frozen tissue samples contained in a 1.5 ml microtube
- Supplied with a stainless steel pestle with a polyethylene handle and a handle for removing the mortar

Cat. No.	Description	€
088763	Cryogenic mortar	N/A -
088767	Mini cryogenic mortar	N/A -

Measurement of CO_2 content in ambient air

Wherever CO_2 is used, the premises must be monitored to prevent accidents.

- **Fixed and waterproof (IP65)**
- **Digital display**
- **Integrated or remote CO_2 sensor**
- **3 indicator lights (1 normal and 2 alarms)**
- **2 adjustable alarms**
- **Alarm relay to control external devices**
- **Internal acoustic alarm 80 dB**



Scale	0 to 1 % (10 000 ppm) CO_2
Resolution	10 ppm (CO_2)
Dimensions (mm)	230 x 150 x 60
Weight (kg)	1.2

Cat. No.	Description	€
854014	Dioxytest	**N/A -**

Oxygen content monitoring ambient air

In all industries using argon or nitrogen, whether in liquid or gaseous form, the premises must be monitored to prevent accidents.

- **Fixed and waterproof (IP65)**
- **Digital display**
- **Integrated or remote O_2 sensor**
- **Alarm relay to control external devices**
- **2 adjustable alarms**
- **Internal acoustic alarm 80 dB**



Scale	0 - 50 % O_2
Resolution	0.1% O_2
Dimensions (mm)	200 x 120 x 60
Weight (kg)	0.9

Cat. No.	Description	€
854013	Oxytest	**N/A -**

BW CLIP oxygen sensor

- **Ergonomic and lightweight**
- **Real-time display of gas concentration**
- **2 alarm levels: two-tone audible and high intensity visual**
- **Autonomy 24 months**



O_2 Measuring range	0 to 25 %
Low level alarm	19.5 %
High level alarm	23.5 %
Operating temperature	-20 °C to +50 °C
%HR tolerated	5 to 95% HR
Dimensions W x D x H (mm)	41 x 50 x 87
Weight (g)	92
Protection class	IP 66/67
Cat. No.	**082740**
€	**N/A -**

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Stainless steel Dewars



- Robust, corrosion resistant, easy to clean
- Clip closure: secures the lid to the case for safe transport

Version with handle and insulated stainless steel lid

Cat. No.	Volume (l)	Ø ext. x H ext. (mm)	Ø int. x H int. (mm)	€
020702	1	116 x 228	85 x 180	N/A -
020703	2	142 x 268	106 x 205	N/A -
020704	4.5	182 x 350	150 x 280	N/A -
020705	7	245 x 335	200 x 285	N/A -

Low-profile version

Cat. No.	Volume (l)	Ø ext. x H ext. (mm)	Ø int. x H int. (mm)	€
020706	0.17	105 x 75	77 x 50	N/A -
020707	0.38	130 x 90	100 x 65	N/A -
020708	0.57	150 x 95	115 x 70	N/A -
020709	1	175 x 105	138 x 80	N/A -
020710	1.9	186 x 138	155 x 120	N/A -

Enamelled steel dewars



- Borosilicate glass Bulb
- Robust, corrosion resistant, easy to clean
- Insulated lid
- Folding handle
- Padded base to prevent scratching of work surfaces

Version with hinged handle and insulated lid

Cat. No.	Volume (l)	Ø ext. x H ext. (mm)	Ø int. x H int. (mm)	€
020711	1	116 x 228	85 x 185	N/A -
020712	2	142 x 268	106 x 205	N/A -
020713	4.5	182 x 350	150 x 280	N/A -
020714	10	245 x 335	200 x 375	N/A -

Version without handle and lid

Cat. No.	Volume (l)	Ø ext. x H ext. (mm)	Ø int. x H int. (mm)	€
020715	0.2	68 x 215	40 x 70	N/A -
020716	0.7	81 x 350	54 x 315	N/A -
020717	0.75	94 x 285	65 x 240	N/A -
020718	1.1	106 x 275	75 x 235	N/A -
020719	1.5	126 x 190	90 x 240	N/A -
020720	1.5	137 x 280	100 x 240	N/A -
020721	2	137 x 330	100 x 290	N/A -
020722	3	175 x 290	135 x 230	N/A -

Wide opening stainless steel dewars



- Suitable for LN_2 or CO_2 gases or hot liquids
- Interior and exterior made of stainless steel 304
- Delivered without lid (optional)
- 2 models: with handle and loop / with handle without hand-grip
- Operating temperature: - 200 °C to + 200 °C

Capacity	0.5 litre	1 litre	1 litre	2 litres	3 litres	6 litres
Ø x H int. (mm)	65 x 180	85 x 206	100 x 156	100 x 285	184 x 160	184 x 270
Ø x H ext. (mm)	80 x 200	100 x 225	104 x 178	104 x 305	200 x 190	200 x 300
«Tx evaporation (l / d)	1.0	0.9 **	1.6	1.1	3.1	2.9

Model Handle + loop

Cat. No.	091716	091717	091718	091719	091720	091721
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Model Handle only

Cat. No.	091726	091727	091728	091729	091730	091731
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

** high insulation

Accessories

Cat. No.	Description	€
091722	Lid for Dewar 0.50 l	N/A -
091723	Lid for Dewar 1 l (091717 and 091727)	N/A -
091724	Lid for Dewar 1 l and 2 l	N/A -
091725	Lid for Dewar 3 l and 6 l	N/A -

Cylindrical dewars

			Without handle		With handle	
Volume	Ext. ø x H (mm)	Int. ø x H (mm)	Cat. No.	€	Cat. No.	€
100 ml	63 x 135	40 x 90	091300	N/A -	-	-
200 ml	63 x 215	40 x 170	091301	N/A -	091324	N/A -
300 ml	72 x 240	47 x 190	091302	N/A -	091325	N/A -
450 ml	72 x 310	47 x 270	091303	N/A -	091326	N/A -
500 ml	81 x 260	57 x 210	091304	N/A -	091327	N/A -
750 ml	81 x 370	57 x 310	091305	N/A -	091328	N/A -
1250 ml	81 x 550	57 x 500	091306	N/A -	-	-
800 ml	90 x 295	67 x 240	091307	N/A -	091329	N/A -
1.2 litres	90 x 395	67 x 350	091308	N/A -	091330	N/A -
1.7 litres	90 x 560	67 x 500	091309	N/A -	-	-
1 litres	105 x 290	77 x 235	091310	N/A -	091331	N/A -
1.5 litres	105 x 395	77 x 345	091311	N/A -	091332	N/A -
2.1 litres	105 x 550	77 x 500	091312	N/A -	-	-
1.5 litres	124 x 300	90 x 245	091313	N/A -	091333	N/A -
2 litres	124 x 390	90 x 340	091314	N/A -	091334	N/A -
3.2 litres	124 x 665	90 x 600	091315	N/A -	-	-
1.5 litres	130 x 300	100 x 240	091316	N/A -	091335	N/A -
2 litres	130 x 345	100 x 290	091317	N/A -	091336	N/A -
4 litres	130 x 660	100 x 600	091318	N/A -	-	-
2.5 litres	140 x 345	110 x 290	091319	N/A -	091337	N/A -
5 litres	140 x 660	110 x 600	091320	N/A -	-	-
3 litres	165 x 280	138 x 230	091321	N/A -	091338	N/A -
4 litres	165 x 375	138 x 310	091322	N/A -	091339	N/A -
8 litres	165 x 660	138 x 600	091323	N/A -	091340	N/A -



- Borosilicate glass 3.3DIN/ISO 3585
- For storage and transport of LN_2, CO_2 and other coolants
- Two series: cylindrical and cylindrical with handle
- Translucent lid, not included
- Operating temperature range from - 200 °C to 200 °C
- The glass bulbs are vacuum insulated and silver plated
- The outer casing is made of blue aluminium, anti-magnetic

Dewars with spherical bulb for liquid nitrogen

- 3.3DIN/ISO 3585 borosilicate glass inner bulb
- For storage and transport of LN_2
- The glass bulbs are vacuum insulated and silver plated
- Carrying handle on the case and lid

Cat. No.	Volume (l)	Ext. ø x H (mm)	Int. ø x H (mm)	€
091369	1	175 x 300	30 x 235	N/A -
091370	3	225 x 380	60 x 305	N/A -
091371	5	260 x 450	60 x 350	N/A -
091372	10	330 x 480	65 x 380	N/A -



Transport dewars

3.3DIN/ISO 3585 borosilicate glass inner bulb

- For storage and transport of LN_2, CO_2 and other coolants
- Operating temperature range -200 °C to +200 °C
- The glass bulbs are vacuum insulated and silver plated
- Carrying handle on the case,closing clamps and lid
- Two models: blue aluminium outer case and stainless steel outer case
- Can be used with liquid nitrogen by piercing the lid (hole Ø 2 mm approx.)

			Aluminium		Stainless steel	
Volume (l)	Int. ø x H (mm)	Ext. ø x H (mm)	Cat. No.	€	Cat. No.	€
1	100 x 150	120 x 215	091353	N/A -	091357	N/A -
2	138 x 170	160 x 245	091354	N/A -	091358	N/A -
3	138 x 230	160 x 305	091355	N/A -	091359	N/A -
4	138 x 310	160 x 382	091356	N/A -	091360	N/A -

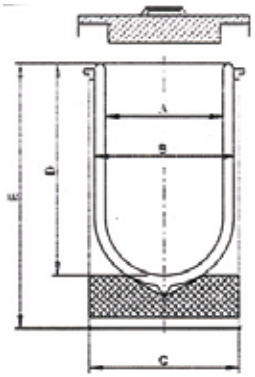


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Dewars with borosilicate glass bulb



Dewars with borosilicate glass 3.3 bulb for storage and transport of LN_2, CO_2 or other cooling media.



- **Temperature range: -200 °C to + 200 °C**
- **Dewar Vacuum insulation**
- **Lid with handle, side handles for transport**
- **Can be used with liquid nitrogen by piercing the lid (hole Ø 2 mm approx.)**

Cat. No.	Capacity (litre)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Evaporation CO_2 (kg/d)	€
091361	4	158	183	210	250	340	0.45	**N/A -**
091362	7	158	183	210	400	490	0.4	**N/A -**
091363	7	200	230	250	275	385	0.45	**N/A -**
091364	10	200	230	250	350	475	0.4	**N/A -**
091365	14	200	230	250	500	610	0.4	**N/A -**
091366	21	250	280	300	480	615	0.6	**N/A -**
091367	28	250	280	300	620	750	0.6	**N/A -**

Cup-shaped Dewars



- **Used for cooling round-bottomed tubes or small samples**
- **Suitable for hot or cold baths**
- **To be completed with lids**

Lids for Dewar - 2 models:

- One-piece polyethylene;
- in aluminium with polyurethane interior.

Dewars

Cat. No.	Volume (ml)	Int. ø x H (mm)	Ext. ø x H (mm)	€
092051	80	67 x 40	90 x 75	**N/A -**
092052	120	77 x 50	110 x 90	**N/A -**
092029	260	100 x 65	130 x 110	**N/A -**
092053	400	110 x 70	138 x 115	**N/A -**
092054	680	138 x 80	170 x 125	**N/A -**
092055	1600	170 x 110	215 x 145	**N/A -**
092056	3000	200 x 125	238 x 160	**N/A -**
092057	5800	250 x 150	292 x 195	**N/A -**

Lids

Cat. No.	Material	€
092058	Polyethylene	**N/A -**
092059	Polyethylene	**N/A -**
092060	Polyethylene	**N/A -**
092061	Polyethylene	**N/A -**
092062	Polyethylene	**N/A -**
092063	Alu and polyurethane	**N/A -**
092064	Alu and polyurethane	**N/A -**
092065	Alu and polyurethane	**N/A -**

Storage and transfer dewars



Model	5 litres	10 litres	20 litres	30 litres
Liquid nitrogen capacity	5 litres	10 litres	21 litres	32 litres
Static evaporation (l/day)	0.15	0.18	0.18	0.22
Static hold	33.3 days	55.6 days	116.7 days	128 days
H x diameter (cm)	46.2 x 22.4	54.6 x 26.2	62.8 x 36.8	61.2 x 43.2
Neck diameter (cm)	5.6	5.6	5	6.4
Empty weight (kg)	5.4	6.4	10.9	13.6
Cat. No.	**078641**	**078642**	**078643**	**078644**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Agil Stainless steel Dewars

- Stainless steel construction
- Compact and robust
- Equipped with a pouring handle
- Optional cork lid
- Operating temperature: -200 °C to +200 °C



Capacity	0.5 l	1 l (top)	1 l	2 l	3 l	6 l
Int. Ø (mm)	65	85	100	100	185	185
Ext. Ø (mm)	87	107	122	122	200	200
Tot. Height.(mm)	203	231	177	312	190	300
Empty weight (kg)	0.56	0.95	0.8	1.35	1.78	2.4
Evaporation rate (l/day)	1	0.9	1.6	1.1	3.1	2.9
Cat. No.	**082670**	**082671**	**082672**	**082673**	**082674**	**082675**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

*Cork lid



Cat. No.	Lid for dewars	€
082676	0.5 l	**N/A -**
082677	1 l (top)	**N/A -**
082678	1 l and 2 l	**N/A -**
082679	3 l and 6 l	**N/A -**

Plastic dewars

- Made of high density polyethylene (lid and body)
- Polyethylene coated handle
- Double-walled and filled with CFC-free polyurethane foam
- Can be used from - 196 °C to + 100 °C



Model	1 litre	2 litres	4 litres	10 litres
Int. ø (mm)	95	121	146	197
Useful height (mm)	194	225	287	394
Total height (mm)	229	260	324	456
Cat. No.	**028063**	**028064**	**028065**	**028066**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Thermo SCIENTIFIC | NALGENE



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AN EXTRAORDINARY ADVENTURE



FLASKS AND PLASTIC

- Bottles
  - In polystyrene 795
  - In polypropylene 795 to 798
  - In high density polyethylene 799 à 807
  - In fluorinated high density polyethylene 807
  - In low density polyethylene 808 to 810
  - In TPX 810
  - In FEP 811
  - In PFA 811
  - In PTFE 811
  - In PVC 812
  - In polycarbonate 812 to 814
  - In PET 814 to 816
  - In PETG 816 to 818
  - In aluminium 819
- Canisters
  - In polypropylene 819 to 822
  - In High density polyethylene 822 to 826
  - In Fluorinated high density polyethylene 827
  - In Low density polyethylene 827
  - In polycarbonate 828 and 829
  - In PETG 829
- Jerricans
  - In polypropylene 829
  - In high density polyethylene 829 et 830
  - In low density polyethylene 831
- Barrels 831
- Transfer caps 831 and 832
- Washing bottles 833 to 836
- Screen-printed washing bottles 837 to 841
- Dispensing bottles 842
- Dropper bottles 843 to 845
- Scintillation vials 846 and 847
- Sampling jars with screw cap, without label
  - In polystyrene 848 and 849
  - In polypropylene 850 to 855
  - In low density polyethylene 855 and 856
  - In polycarbonate 856
  - In TPX 856
- PSampling jars with screw cap, with label
  - In polystyrene 857 et 858
  - In polypropylene 858 to 861
  - With spatula or spoon 861 et 862
  - With suction system for vacuum tubes 862
  - With slide 862
  - With thiosulphate 863
  - With boric acid 863
  - With handle 864
- Push-on lid jars
  - In polystyrene 865
  - In polypropylene 865 and 866
  - With handle 867
  - With thiosulphate 867
  - In low density polyethylene 867
  - In high density polyethylene 867
- Buckets 868 and 869
- Bins 870 to 875
- Boxes 875 to 878
- Transport boxes and baskets 878 to 879
- Drawers 879 and 880
- Storage modules 881 and 882
- Beakers
  - In polystyrene 883
  - In SAN 883
  - In polypropylene 883 to 886
  - In high density polyethylene 886
  - In TPX 887 and 888
  - In PFA 888
  - In PTFE 888
- Test tubes 889 to 892
- Erlenmeyer 893 to 895
- Volumetric flasks 895 and 896
- Decanting ampoules 896
- Funnels 897 to 900
- Weighing pans 900 to 903
- Shovels and spoons 903 to 905
- Plastic accessories 905
- Dessicators 906 to 909
- Tubing 910 to 920
- Tube clamps 920 and 921

The different types of plastic resin

››› Polyolefins

- Non-toxic, non-contaminating materials with varying degrees of breakage resistance
- At room temperature, resistant to almost any chemical for up to 24 hours (refer to chemical resistance guides)
- Can be damaged by long exposure to ultraviolet light

Polystyrene (PS)

- Rigid, non-toxic polymer
- Moderate chemical resistance
- As transparent as glass
- Breakable at room temperature, may break if dropped
- Temperature range: -40 °C to +90 °C
- Not autoclavable
- Use: single-use laboratory containers

High density polyethylene HDPE)

- Rigid and translucent
- Good to excellent chemical resistance
- Robust
- Temperature range: -100 °C to +120 °C
- Not autoclavable
- Use: bottles and flasks

Polymethylpentene (PMP, TPX)

- Rigid and transparent
- Good to excellent chemical resistance
- Low density and high transparency
- Breakable at room temperature, may break if dropped
- Temperature range: -180 °C to +145 °C
- Autoclavable at +121 °C
- Use: beakers and test tubes

Polymethylmethacrylate acrylic (PMMA)

- Rigid and transparent
- Good chemical resistance
- Ultraviolet resistance
- Temperature range: +20 °C to +145 °C
- Not autoclavable
- Use: boxes

Polypropylene (PP)

- Translucent
- Good to excellent chemical resistance
- Good resistance and stability over time
- Breaks at 0 °C, may break if dropped
- Temperature range: 0 °C to +135 °C
- Autoclavable at +121 °C
- Use: beakers, flasks and test tubes

Low density polyethylene (LDPE)

- Flexible and translucent
- Good to excellent chemical resistance
- Robust and virtually unbreakable
- Temperature range: -50 °C to +80 °C
- Not autoclavable
- Use: washing bottles

Polyvinyl chloride (PVC)

- Rigid or flexible, coloured or not
- Moderate chemical resistance
- Excellent resistance to oils (except essential oils)
- Very low permeability to most gases
- Temperature range: -25 °C to +70 °C
- Not autoclavable
- Use: trays and tanks

Styrene-acrylonitrile (SAN)

- Rigid and transparent
- Improved chemical resistance compared to polystyrene
- Temperature range: +20 °C to +85 °C
- Not autoclavable
- Use: beakers, volumetric flasks

››› Technical resins

- Outstanding strength and durability for demanding laboratory applications

Polycarbonate (PC)

- Transparent, strong and rigid
- Moderate chemical resistance
- High impact resistance
- Ideal for high speed centrifugation
- Temperature range: -135 °C to +135 °C
- Autoclavable at +121 °C
- Use: beakers and test tubes

Polyethylene terephthalate (PET)

- Transparent, slightly flexible depending on the thickness of the walls
- Moderate chemical resistance
- As transparent as glass
- Temperature range: -10 °C to +60 °C
- Non-autoclavable, can be sterilised by radiation or with compatible chemicals
- Use: bottles

Glycosylated polyethylene terephthalate (PETG)

- Transparent, slightly flexible depending on the thickness of the walls
- Moderate chemical resistance
- As transparent as glass
- Temperature range: -40 °C to +70 °C
- Non-autoclavable, can be sterilised by radiation or with compatible chemicals
- Use: cell culture, biological sample storage; bottles, carboys, Erlenmeyer flasks

››› Fluoropolymers

- Very high chemical resistance

Polytetrafluoroethylene (PTFE)

- Opaque and rigid
- Excellent chemical resistance
- Temperature range: -200 °C to +260 °C
- Autoclavable at +121 °C
- Use: bottles, beakers and washing bottles

Perfluoroalkoxy (PFA)

- Translucent and slightly flexible
- Excellent chemical resistance
- Temperature range from -200 °C to +260 °C
- Autoclavable at +121 °C
- Use: bottles and beakers

Fluorinated ethylene propylene (FEP)

- Translucent and flexible
- Excellent chemical resistance
- Temperature range from -100 °C to +205 °C
- Autoclavable at +121 °C
- Use: bottles and washing bottles

All prices are indicative and exclude VAT. Visit www.dulis.nl

Maintenance and use

- The following are general recommendations for the care and use of plastics in the laboratory.
- This information is purely indicative, as each plastic resin has its own properties, so please contact us for further details.

››› General information

- Chemicals can change the characteristics (strength, surface, colour, dimensions)
- Check the chemical compatibility with the polymer used before handling

››› Cleaning

- The plastic labware can be cleaned with a non-alkaline detergent and a soft cloth or sponge
- Polystyrene and polycarbonate are particularly sensitive and more susceptible to alkali attack
- If you use a dishwasher, always programme short cycles and a maximum temperature of 60 °C. High temperature can affect the plastic and volumetric accuracy of the graduated consumables
- Polystyrene, acrylic and polycarbonate, due to temperature limitations and deterioration of resistance, should not be placed in the dishwasher
- If using an ultrasonic bath, ensure that the products are not in direct contact with the membrane

››› Sterilization

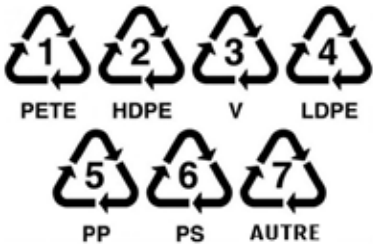
- Check that the plastic is autoclavable and can withstand repeated exposure to +121 °C
- It is recommended to use a 20 minute cycle at +121 °C and 1 bar
- Always unscrew the caps of bottles or tubes before autoclaving. Any material obstructing the opening may cause deformation or destruction of the plastic

››› Heating

- Never place plastic directly in contact with a flame or hot plate

››› Recycling and disposal

- The recycling process requires plastic products to be sorted according to their resin type, before being recovered for recycling into resins that can be used as raw material for new products
- Many of our products are coded for easy identification



- If the product cannot be recycled, always dispose of it in accordance with the applicable regulations and laws



Polystyrene bottles, narrow neck

Sterile container bottles

- In polystyrene
- Sterile
- For storage and recovery of cell culture media
- Neck diameter: 45 mm
- Unit packaging

Cat. No.	Volume (ml)	Units/ box	€/ box
978219	150	24	N/A -
978220	250	24	N/A -
978221	500	24	N/A -
978222	1000	24	N/A -



Polypropylene bottles, wide neck

Nalgene™round bottles, wide neck

- Polypropylene cap
- Waterproof
- Autoclavable

Capacity (ml)	30	60	125	250	500	1000
Cap size (mm)	28	28	38	43	53	63
Units/bag	12	12	12	12	12	6
Units/box	72	72	72	72	48	24
Cat. No.	028738	028739	028740	028741	028742	028743
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



Polypropylene bottles, wide neck



- Waterproof
- Anti-drip ring
- Delivered with cap assembled
- Double-sealed cap

Volume (ml)	30	60	125	250	500	1000
ø x H (mm)	33 x 69	39 x 88	51 x 98	61 x 125	72 x 164	91 x 199
Cap	28-410	28-410	38-410	43-410	53-410	63-415
Units/bag	12	12	12	12	12	12
Units/box	72	72	72	72	48	48
Cat. No.	048364	048365	048366	048367	048368	-
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	-

Nalgene™economy bottles



- Wide neck
- Waterproof
- Polypropylene cap

Capacity	30	60	125	250	500	1000
Cap size (mm)	28	28	38	43	53	63
Cat. No.	029994	-	029996	-	-	029999
Units/box	72	-	72	-	-	24
€/box	N/A -	-	N/A -	-	-	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Polypropylene bottles, wide neck

Azlon® wide neck polypropylene bottles



- Very good sealing
- Polypropylene bottles, autoclavable at + 121 °C
- Good chemical resistance

DWK LIFE SCIENCES

		10 units		BULK version		
Vol. (ml)	Ø x H (mm)	Cat. No.	€	Cat. No.	Units/ box	€/ box
30	32 x 70	BWP0030N	N/A -	785409	1200	N/A -
60	40 x 82	BWP0060N	N/A -	761866	740	N/A -
100	51 x 89	232661	N/A -	-	-	-
125	51 x 104	BLP0125P	N/A -	761867	350	N/A -
150	51 x 116	232662	N/A -	761868	350	N/A -
250	60 x 140	BWP0250P	N/A -	761869	200	N/A -
500	75 x 161	BWP0500P	N/A -	761872	100	N/A -
1000	90 x 205	BWP1000P**	N/A -	761870	60	N/A -

** 5 units

Polypropylene standardised wide neck graduated flasks



WEB

Enter the Cat. No. to find our autoclaving procedure

- With graduations
- Durable and long-lasting, autoclavable
- Certified for food contact
- Neck and thread according to DIN 13316 and 168

Vol. (ml)	Grad. (ml)	ø x H (mm)	Neck ø (mm)	DIN	Units/ box	Cat. No.	€/ box
50	10	38 x 88	24	GL32	100	391273	N/A -
100	20	48 x 105	24	GL32	100	391274	N/A -
250	25	60 x 140	38	GL45	50	391275	N/A -
500	100	75 x 170	38	GL45	25	391276	N/A -
1000	100	95 x 206	55	GL63	17	391277	N/A -
2000	100	120 x 252	55	GL63	15	391278	N/A -

WEB

Find VITgrip® screw bottles on dulis.nl

Azlon® Amber polypropylene bottles with wide neck



- Ideal for photosensitive products
- Opaque
- Very good sealing
- Polypropylene bottles, autoclavable at + 121 °C

DWK LIFE SCIENCES

Cat. No.	Volume (ml)	ø (mm)	Height (mm)	Units/ box	€/ box
232804	60	40	82	10	N/A -
723866	150	51	116	10	N/A -
232805	250	60	140	10	N/A -
232545	500	75	161	10	N/A -
232806	1000	90	205	5	N/A -
232761	2000	120	242	5	N/A -

Nalgene™large round bottles with wide opening



In Autoclavable polypropylene. For powder transport or water sampling.

Thermo SCIENTIFIC NALGENE

Capacity (l)	Ø x H (mm)	cap Ø (mm)	Cat. No.	€
2	119 x 244	100	029032A	N/A -
4	153 x 288	100	029534A	36N/A -

Nalgene™High-strength bottles



- Thick walls, reinforced closure (watertightness guaranteed)
- For the safe storage of media, biological or chemical liquids, dry chemicals
- Excellent chemical resistance, ideal for vacuum applications

Thermo SCIENTIFIC NALGENE

Volume (ml)	250	1000	2000	4000	5000
ø x H (mm)	74 x 135	93 x 226	119 x 260	155 x 338	156 x 414
Capuchon type	53B	53B	53B	83B	83B
Cat. No.	029307	029305	029306	029296	028162
Units/bag	1	6	2	1	1
€/bag	N/A -	N/A -	N/A -	N/A -	N/A -

Polypropylene bottles, wide neck

Nalgene™ Square bottles with wide neck

- Polypropylene Square bottle
- Wide neck
- Polypropylene cap
- Waterproof
- Autoclavable

Capacity (ml)	60	175	250	500	1000
Dimensions (mm)	83 x 38 x 38	102 x 51 x 51	114 x 64 x 64	146 x 76 x 76	181 x 95 x 95
Cap size (mm)	28	38	43	53	63
Cat. No.	**029405**	**029406**	**029407**	**029366**	**029408**
Units/bag	12	12	12	12	6
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Nalgene™ Large square bottles with wide opening

- In polypropylene Autoclavable
- Cap In white polypropylene
- With integrated moulded handles

Cat. No.	Capacity	Material	Cap	€
029356A	4 litres	PP	100 mm	**N/A -**



Polypropylene bottles, narrow neck

Nalgene™ round bottles with narrow neck

- Polypropylene cap
- Waterproof
- Autoclavable

Capacity (ml)	4	8	15	30	60	125	175	250	500	500	1000
Cap size (mm)	13	20	20	20	20	24	24	24	28	38-430	38-430
Units/bag	12	12	12	12	12	12	12	12	12	12	6
Units/box	72	72	72	72	72	72	72	72	48	48	24
Cat. No.	**028787**	**028785**	**028786**	**028779**	**028780**	**028781**	**-**	**028782**	**028783**	**-**	**028784**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**	**N/A -**	**N/A -**	**-**	**N/A -**



Nalgene™ economy bottles

- Polypropylene bottle and cap
- Narrow neck
- Waterproof

Capacity (ml)	30	60	125	250	500	1000
Cap size (mm)	20	20	24	24	28	38–430
Cat. No.	**029988**	**029989**	**029990**	**029991**	**-**	**-**
Units/box	72	72	72	72	-	-
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**	**-**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Polypropylene bottles, narrow neck

Wheaton® Polypropylene bottles, narrow neck

- Waterproof
- Anti-drip ring
- Delivered with cap assembled

Volume (ml)	4	8	15	30	60	125	250	500	1000
ø x H (mm)	16 x 38	25 x 43	25 x 56	32 x 69	39 x 84	50 x 101	61 x 129	72 x 171	91 x 210
Cap	13-425	20-410	20-410	20-410	20-410	24-410	24-410	28-410	38-430
Units/bag	12	12	12	12	12	12	12	12	6
Units/box	72	72	72	72	72	72	72	48	24
Cat. No.	**048338**	**048339**	**048340**	**048341**	**048342**	**048343**	**048344**	**048345**	**048346**
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Highly transparent polypropylene bottles with narrow neck



- High transparency
- Autoclavable upt to + 121 °C maximum
- Excellent chemical resistance and thermal quality
- Reduced CO_2, easy to recycle
- Remove the cap before autoclaving
- Supplied without cap, to be ordered separately)

Cat. No.	Vol. (ml)	Body section (mm)	Ø neck Internal (mm)	Outer thread Ø (mm)	Height without cap (mm)	€
063408	250	60 x 60	18.6	32	136	**N/A -**
063410	1000	94 x 94	28.6	45	204	**N/A -**

Bouchons With PTFE seal, with tamper evident ring.

Cat. No.	Neck (mm)	Colours	Material	€
063405	32	White	Polypropylene	**N/A -**
063406B	45	Black	HDPE	**N/A -**

Nalgene™polypropylene Mason jars



- Robust, watertight, autoclavable (place the cap on the tube without screwing it)
- 70 mm neck that accepts screw caps with specific Mason threads
- For use with Osterizer and other mixers suitable for Mason jar threads
- Convenient for fluid transfer when used with a fluid transfer cap Cat. No. 029861

Cat. No.	Volume (ml)	Units/ box	€/ box
029857	500	6	**N/A -**
029858	1000	6	**N/A -**
029859	2000	4	**N/A -**
029860	3000	1	**N/A -**

Liquid transfer cap

Cat. No.	Description	€
029861	PP liquid transfer cap ø 70 mm	**N/A -**

Nalgene™Square bottles with narrow neck



- Square bottle and cap in polypropylene
- Waterproof
- Autoclavable

Capacity (ml)	30	60	125	250	500	1000	2000
H x side (mm)	63 x 38	83 x 41	110 x 54	116 x 61	146 x 74	181 x 95	271 x 116
Cap size (mm)	20	24	38–430	38–430	38–430	38–430	53B
Cat. No.	**028701**	**028702**	**028703**	**028704**	**028705**	**028706**	**-**
Units/bag	12	12	12	12	12	6	-
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**

High density polyethylene bottles, wide neck

Nalgene™ round bottles with wide neck

Thermo SCIENTIFIC NALGENE

- Round bottle with wide neck in HDPE
- Waterproof
- Polypropylene cap





Capacity (ml)	30	60	125	250	500	1000	1500
Cap size (mm)	28	28	38	43	53	63	63
Units/bag	12	12	12	12	12	6	6
Units/box	72	72	72	72	48	24	6
HDPE Round bottle with wide neck, PP cap							
Cat. No.	**028725**	**028726**	**028727**	**028728**	**028729**	**028730**	**029391**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Amber HDPE round bottle with wide neck, PP amber cap							
Cat. No.	**028744**	**028745**	**028746**	**028747**	**028748**	**028749**	**-**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**

Nalgene™ economy bottles



Thermo SCIENTIFIC NALGENE

HDPE bottle with wide neck, PP cap

Features	Waterproof					
Capacity	30	60	125	250	500	1000
Cap size (mm)	28	28	38	43	53	63
Cat. No.	**028810**	**028811**	**028812**	**028813**	**028814**	**028815**
Units/box	72	72	72	72	48	24
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No.	**-**	**-**	**028820**	**028821**	**028822**	**028823**
Units/box	-	-	500	250	125	50
€/box	**-**	**-**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Amber HDPE bottle with wide neck, amber PP cap						
Features	Waterproof					
Cat. No.	**-**	**-**	**028806**	**028807**	**028808**	**028809**
Units/box	-	-	72	72	48	24
€/box	**-**	**-**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

HDPE bottles

- In translucent HDPE
- Polypropylene screw caps
- Waterproof
- Good chemical resistance

DWK LIFE SCIENCES



		10 units		BULK version		
Vol. (ml)	**Ø x H (mm)**	**Cat. No.**	**€**	**Cat. No.**	**Units/ box**	**€/ box**
30	32 x 70	**723861**	**N/A -**	**761838**	1200	**N/A -**
60	40 x 82	**723862**	**N/A -**	**761839**	740	**N/A -**
100	51 x 89	**232659**	**N/A -**	**761840**	420	**N/A -**
125	51 x 104	**232581***	**N/A -**	**761841***	350	**N/A -**
150	51 x 116	**232660***	**N/A -**	**761842***	350	**N/A -**
250	60 x 140	**723883**	**N/A -**	**761843**	200	**N/A -**
500	75 x 161	**723864**	**N/A -**	**761844**	100	**N/A -**
1000	90 x 205	**723865****	**N/A -**	**761845**	60	**N/A -**
2000	120 x 242	**121304****	**N/A -**	**761846**	30	**N/A -**

* Not approved for food contact ** Per 5

Wheaton® HDPE bottles with wide neck

DWK LIFE SCIENCES

- Waterproof
- Anti-drip ring
- Delivered with cap assembled
- Double-sealed cap



Volume (ml)	30	60	125	250	500	1000
ø x H (mm)	33 x 69	39 x 88	51 x 98	61 x 125	72 x 164	91 x 199
Cap	28-410	28-410	38-410	43-410	53-410	63-415
Units/bag	12	12	12	12	12	12
Units/box	72	72	72	72	48	48
HDPE bottle						
Cat. No.	**048353**	**048354**	**048355**	**048356**	**048357**	**048358**
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Amber HDPE bottle						
Cat. No.	**048369**	**048360**	**048361**	**048362**	**048363**	**048772**
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

High density polyethylene bottles, wide neck

Round HDPE bottles



- In HDPE
- Waterproof polypropylene cap
- For storage and transport of liquids
- Uniform wall thickness
- Good chemical resistance
- Natural version for content visibility or amber for light sensitive samples

Cat. No.	Volume	Colour	Neck	Height (mm)	Ø of the base (mm)	Units/ box	€/ box
135735	8 ml	Natural	Large	42.6	24.9	1000	N/A -
135736	15 ml	Natural	Large	56.1	24.9	1000	N/A -
135737	30 ml	Natural	Large	59.2	34	400	N/A -
135738	60 ml	Natural	Large	81	39	650	N/A -
135739	125 ml	Natural	Large	95	50	350	N/A -
135740	250 ml	Natural	Large	128.2	60.5	200	N/A -
135741	500 ml	Natural	Large	162.8	72.2	100	N/A -
135742	1 l	Natural	Large	193.5	91	50	N/A -
135744	8 ml	Amber	Large	42.6	24.9	1000	N/A -
135745	15 ml	Amber	Large	56.1	24.9	1000	N/A -
135746	30 ml	Amber	Large	59.2	34	400	N/A -
135747	60 ml	Amber	Large	81	39	650	N/A -
135748	125 ml	Amber	Large	95	50	350	N/A -
135749	250 ml	Amber	Large	128.2	60.5	200	N/A -
135750	500 ml	Amber	Large	162.8	72.2	100	N/A -
135751	1 l	Amber	Large	193.5	91	50	N/A -

HDPE graduated cylindrical bottles with wide neck



- Natural
- With graduation
- Supplied with screw cap
- Good chemical resistance

Cat. No.	Vol. (ml)	Body size (mm)	Inn. neck Ø (mm)	Out. Thread Ø (mm)	H. without cap (mm)	€
063448	250	61	24	28	129.5	N/A -
063450	1000	97	39.2	50	203	N/A -

Nalgene™ large round bottles with wide opening



Made of non-autoclavable HDPE. For powder transport or water sampling.

Thermo SCIENTIFIC NALGENE

Cat. No.	Capacity (l)	Ø x H (mm)	Ø (mm) cap	€
029330A	2	119 x 244	100	N/A -
029533A	4	153 x 288	100	N/A -

DWK LIFE SCIENCES

HDPE Round jars with screw cap and plug seal Azlon®



- Round bottles with plug seal and screw cap (mounted)
- Wide neck for easy filling and dispensing
- Easy-grip caps
- For use with powders or liquids
- 1000, 1500 and 2000 ml jars are suitable for food contact (FDA criteria)

Volume (ml)	Out. Ø x H (mm)	Inn. Ø Neck (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
65	50 x 51	35	799228	500	N/A -	799229	10	N/A -
70	50 x 60	35	799230	400	N/A -	799231	10	N/A -
120	56 x 71	35	799232	500	N/A -	799233	10	N/A -
250	69 x 94	48	799234	300	N/A -	799235	10	N/A -
500	86 x 109	70	-	-	-	-	-	-
1000	112 x 129	86	799238	80	N/A -	799239	5	N/A -
1500	112 x 184	86	799240	60	N/A -	799241	5	N/A -

High density polyethylene bottles, wide neck

HDPE wide neck jars

- Waterproof, for storage and shipping
- To be completed with a black screw cap with foam seal (to be ordered separately)



Cat. No.	Volume (ml)	Body Ø (mm)	Inner neck Ø (mm)	Thread	Height (mm)	€
063278	100	48	31	40	77	N/A -
063213	250	65	41	50	98	N/A -
063214	500	80	53	65	122	N/A -
063215	750	94	53	65	130	N/A -
063216	1000	100	67	80	153	N/A -
063217	1500	114	67	80	173	N/A -
063262	2000	126	67	80	192	N/A -

Caps

Cat. No.	For pots with a volume of (ml)	Thread	€
063257	100	40	N/A -
063258	250	50	N/A -
063259	500/750	65	N/A -
063260	1000/1500/2000	80	N/A -

Cylindrical jars with lid

- High density polyethylene
- Supplied with cap and plug seal
- For powders and solid samples



Cat. No.	Volume (ml)	ø x H (mm)	Diameter Neck (mm)	Units/ box	€/ box
391318	70	50 x 60	36	100	N/A -
391319	120	56 x 71	36	100	N/A -
391320	250	69 x 94	50	50	N/A -
391321	500	86 x 107	70	50	N/A -
391322	1000	111 x 128	85	20	N/A -
391324	1500	111 x 182	87	10	N/A -
391323	2000	111 x 235	87	10	N/A -

Corning® Gosselin™ Polyethylene cylindrical bottles with wide-mouth and red cap

CORNING



			Wide neck with single closure				Wide neck with double closure			
			Non-sterile		Sterile		Non-sterile		Sterile	
Volume (ml)	Dimensions (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
50	39 x 70	600	-	-	-	-	030412	N/A -	030371	N/A -
100	52 x 80	335	030408	N/A -	030372	N/A -	030413	N/A -	030382	N/A -
150	52 x 108	250	-	-	030373	N/A -	-	-	030383	N/A -
250	61 x 125	145	030321	N/A -	030374	N/A -	030415	N/A -	030384	N/A -
500	81 x 136	140	030409	N/A -	030323	N/A -	030416	N/A -	030324	N/A -
1000	100 x 174	68	030410	N/A -	030331	N/A -	030417	N/A -	030332	N/A -
2000	122 x 220	25	030411	N/A -	-	-	030418	N/A -	030340	N/A -

Nalgene™ High-strength bottles

Thermo SCIENTIFIC NALGENE

- Thick walls, reinforced closure (watertightness guaranteed)
- For the safe storage of media, biological or chemical liquids, dry chemicals
- Excellent chemical resistance



Volume (ml)	1000	2000	4000
ø x H (mm)	93 x 226	119 x 260	155 x 338
Cap type	53B	53B	83B
Cat. No.	029303	028119	029304
Units/bag	6	2	1
€/bag	N/A -	N/A -	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

High density polyethylene bottles, wide neck

Nalgene™ Square bottles with wide neck



- HDPE Square bottle
- Polypropylene cap
- Wide neck
- Waterproof

Capacity (ml)	60	175	250	500	1000
Dimensions (mm)	83 x 38 x 38	102 x 51 x 51	114 x 64 x 64	146 x 76 x 76	181 x 95 x 95
Cap size (mm)	28	38	43	53	63
Cat. No.	**028720**	**028721**	**028722**	**028723**	**028724**
Units/bag	12	12	12	12	6
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

HDPE Rectangular bottles





Natural or amber.

Volume (ml)	125	250	500	1000	2000
H x W x D (mm)	102 x 64 x 38	114 x 76 x 48	140 x 94 x 58	180 x 125 x 71	239 x 152 x 81
Cap ø (mm)	28	38	48	53	63

HDPE Rectangular bottle, natural

Cat. No.	**029392**	**029393**	**029394**	**029395**	**029396**
Units/bag	12	12	12	6	4
Units/box	72	72	48	24	12
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

HDPE Rectangular bottle, amber

Cat. No.	**029397**	**029398**	**029399**	**029400**	**029401**
Units/bag	12	12	12	6	4
Units/box	72	72	48	24	12
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Large square bottles with wide opening



- In HDPE
- Cap In white polypropylene
- With integrated moulded handles

Cat. No.	Capacity	Material	Cap	€
029535A	4 litres	HDPE	100 mm	**N/A -**

HDPE square bottle with wide neck



- Natural
- Supplied without cap (to be ordered separately)

Screw cap for wide-neck bottles

- Black, PE foam gasket

Cat. No.	For pot volume (ml)	Internal Thread (mm)	€
063257	100	40	**N/A -**

Corning® Gosselin™ Polyethylene 2 litre to 2.7 litre square bottles with wide mouth



- For storage of liquids, solids or powders
- Translucent polyethylene
- Wide neck, easy to fill
- Graduated models
- Aseptic and capped (Sealed screw caps)
- Models in brown for light-sensitive reagents
- Molded-in handle for the 2.7 l for a secure grip
- 2.5 l and 2.7 l models recommended for urine collection

Cat. No.	Volume (l)	Height (mm)	ø * (mm)	Colour	Closure colour	Units/ box	€/ box
030846	2	230	73	Natural	Red	50	**N/A -**
030848B	2.5	263	77	Brown	White	35	**N/A -**
030849	2.7	250	70	Natural	Red	30	**N/A -**
030850	2.7	250	70	Brown	Yellow	30	**N/A -**

High density polyethylene bottles, wide neck

Corning® Gosselin™ Polyethylene square bottles with wide neck and red cap

			Wide neck with single closure				Wide neck with double closure			
			Non-sterile		Sterile		Non-sterile		Sterile	
Volume (ml)	Dimensions (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
150	50 x 50 x 95	300	030419	N/A -	-	-	030423	N/A -	-	-
250	57 x 57 x 109	210	030420	N/A -	030428	N/A -	030424	N/A -	030399	N/A -
500	76 x 76 x 122	175	030421	N/A -	030429	N/A -	030425	N/A -	030375	N/A -
1000	95 x 76 x 185	90	030422	N/A -	-	-	030398	N/A -	030391RG	N/A -
2000	109 x 96 x 230	50	030820	N/A -	030432	N/A -	030426	N/A -	030434	N/A -
2500	110 x 110 x 263	35	030345C*	N/A -	-	-	-	-	-	-

* White cap



Natural HDPE Square bottles with wide neck

- Square section
- Recess for labelling
- Ideal for liquid, pasty or granulated substances
- Square section for labelling
- Supplied without cap, to be ordered separately)
- UN approval for solids

Cat. No.	Volume (ml)	Body size (mm)	Inn. neck Ø (mm)	Out. Thread Ø (mm)	H. without cap (mm)	€
063291	100	45 x 45	24	32	101	N/A -
063292	250	59 x 59	35	45	129.5	N/A -
063293	500	60 x 60	35	54	164	N/A -
063270	750	83 x 83	42.5	54	188	N/A -
063294	1000	85 x 85	42.5	54	214	N/A -
063300	1500	108 x 108	68.5	80	209	N/A -
063271	2500	122 x 122	68.5	80	209	N/A -
063272	4000	142 x 142	68.5	80	294	N/A -



HDPE square bottles with wide-mouth, UN

- Square section
- Recess for labelling
- Supplied without cap, to be ordered separately)

Cat. No.	Approval	For bottle volume (ml)	Body size (mm)	Inn. neck Ø (mm)	Out. Thread Ø (mm)	H. without cap (mm)	€
063319	UN 3H1/X0.3/S	100	45 x 45	24	32	101	N/A -
063320	UN 3H1/X0.8/S	250	59 x 59	35	45	129.5	N/A -
063321	UN 3H1/1.5/S	500	75 x 75	42.5	54	162	N/A -
063322	UN 3H1/2.5/S	750	83 x 83	42.5	54	188	N/A -
063323	UN 3H1/2.5/S	1000	85 x 85	42.5	54	214	N/A -
063325	UN 3H1/5/S	2500	122 x 122	68.5	80	260	N/A -
063326	UN 3H1/5.5/S	4000	142 x 142	68.5	80	294	N/A -

Caps for wide-mouth bottles in HDPE

		Black PP cap, with PE foam seal		Blue PP cap, with sealing cone and tamper-evident ring		Red PP cap, with PE foam seal and tamper-evident ring	
For Flask (ml)	Thread	Cat. No.	€	Cat. No.	€	Cat. No.	€
50	28	-	-	-	-	063371	N/A -
100	32	063483	N/A -	063302	N/A -	063333	N/A -
250	45	063484	N/A -	063315	N/A -	063335	N/A -
500/750/1000	54	063486	N/A -	063296	N/A -	063331	N/A -
1500/2500/4000	80	063485	N/A -	063301	N/A -	-	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

High density polyethylene bottles, narrow neck

Nalgene™ round bottles with narrow neck



- HDPE Round bottle
- Polypropylene cap
- Waterproof

Capacity (ml)	4	8	15	30	60	125	175	250	500	500	1000
Cap size (mm)	13	20	20	20	20	24	24	24	28	38-430	38-430
Units/bag	12	12	12	12	12	12	12	12	12	12	6
Units/box	72	72	72	72	72	72	72	72	48	48	24
HDPE Round bottle with narrow neck, PP cap											
Cat. No.	028760	028758	028759	028750	028751	028752	028753	028754	028755	028757	028756
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Amber HDPE round bottle, amber PP cap											
Cat. No.	028778	028776	028777	028441	028771	028772	-	028773	028774	-	028775
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	-	N/A -	N/A -	-	N/A -

Nalgene™ economy bottles





- HDPE bottle
- Polypropylene cap
- Narrow neck
- Waterproof

Capacity (ml)	60	125	250	500	1000
Cap size (mm)	20	24	24	28	38–430
HDPE narrow neck bottle, PP cap					
Cat. No.	028793	028794	028795	028796	028797
Units/box	72	72	72	48	24
€/box	N/A -	N/A -	N/A -	N/A -	N/A -
Cat. No.	-	028816	028817	028818	028819
Units/box	-	500	250	125	50
€/box	-	N/A -	N/A -	N/A -	N/A -
HDPE amber bottle with narrow neck, PP amber cap					
Cat. No.	-	028800	-	-	028803
Units/box	-	72	-	-	24
€/box	-	N/A -	-	-	N/A -

Nalgene™HDPE sterile bottles



- Sterile
- In HDPE
- HDPE bottles with white cap
- Narrow neck
- Excellent chemical resistance
- Packaging on module with shrink film
- Double packaging

Cat. No.	Nominal Capacity (ml)	Total Capacity (ml)	Weight (g)	Cap	Inn. Neck ø (mm)	Total height (mm)	Height without cap (mm)	Out. ø (mm) bottle	Units/ bag/	Units/ box	€/ box
029975	8	12	6	20-415	13	44	42	25	98	980	N/A -
029976	15	18	7	20-415	13	58	56	25	112	896	N/A -
029977	30	34	8	20-415	13	61	58	36	54	864	N/A -
029978	60	69	9	20-415	13	84	81	38	45	540	N/A -
029979	125	143	16	24-415	18	102	99	51	24	240	N/A -
029980	250	289	26	24-415	18	132	130	61	30	180	N/A -
029981	500	555	40	28-415	20	170	168	74	20	120	N/A -
029982	1000	1090	78	38-430	28	216	213	91	12	24	N/A -



Find the UN approved bottles on dulis.nl

High density polyethylene bottles, narrow neck

Azlon® HDPE bottles

- In translucent HDPE
- Polypropylene screw caps
- Waterproof
- Good chemical resistance



		Narrow neck		
Vol. (ml)	Units/ box	Cat. No.	Ø x H (mm)	€/ box
30	10	**232493**	30 x 70	N/A -
60	10	**232649**	40 x 82	N/A -
100	10	**232650**	51 x 90	N/A -
125	10	**232651**	51 x 106	N/A -
150	10	**232652**	51 x 118	N/A -
250	10	**232663**	60 x 142	N/A -
500	10	**232664**	75 x 163	N/A -
1000	5	**232665**	90 x 203	N/A -
2000	5	**232666**	120 x 244	N/A -

Round HDPE bottles

- In HDPE
- Waterproof polypropylene cap
- For storage and transport of liquids
- Uniform wall thickness
- Good chemical resistance
- Natural version for content visibility



Cat. No.	Volume	Colour	Neck	Height (mm)	Ø of the base (mm)	Units/ box	€/ box
135743	1 l	Natural	Thin	193.5	91	50	N/A -

Wheaton® HDPE bottles, narrow neck

- Waterproof
- Anti-drip ring
- Delivered with cap assembled



Volume (ml)	4	8	15	30	60	125	250	500	1000
ø x H (mm)	16 x 38	25 x 43	25 x 56	32 x 69	39 x 84	50 x 101	61 x 129	72 x 171	91 x 210
Cap	13-425	20-410	20-410	20-410	20-410	24-410	24-410	28-410	38-430
Units/bag	12	12	12	12	12	12	12	12	6
Units/box	72	72	72	72	72	72	72	48	24
HDPE bottle									
Cat. No.	**048320**	**048321**	**048322**	**048323**	**048324**	**048325**	**048326**	**048327**	**048328**
€/bag	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -
Amber HDPE bottle									
Cat. No.	**048329**	**048330**	**048331**	**048332**	**048333**	**048334**	**048335**	**048336**	**048337**
€/bag	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

HDPE bottles, narrow neck with white tamper-evident cap

- High density polyethylene
- Neck diameter: 22 mm
- Tamper-proof cap with snap-on opening
- Suitable when the bottles should not be opened after filling



Cat. No.	Volume (ml)	Diameter (mm)	Height (mm)	Units/ box	€/ box
391262	50	36	84	100	N/A -
391263	100	44	101	100	N/A -
391264	250	60	136	50	N/A -
391265	500	74	170	30	N/A -
391266	1000	90	222	20	N/A -

HDPE bottles with narrow neck and black tamper-evident cap

- Material: high density polyethylene
- Neck diameter: 30 mm
- Tamper-proof cap with snap-on opening
- Suitable when the bottles should not be opened after filling



Cat. No.	Volume (ml)	Diameter (mm)	Height (mm)	Neck ø (mm)	Units/ box	€/ box
391436	250	60	137	30	50	N/A -
391437	500	74	177	30	30	N/A -
391438	1000	90	230	30	20	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

High density polyethylene bottles, narrow neck

HDPE flasks with narrow neck , UN

For bottle volume (ml)	Body size (mm)	Inn. neck Ø	Out. Thread Ø (mm)	H. without cap (mm)	Weight (g)	Approval	Natural Cat. No.	Natural €	Black Cat. No.	Black €
500	77 x 77	28.7	45	176.5	52	UN 1H1/X1.9/250	**063380**	**N/A -**	**063451**	**N/A -**
1000	96 x 96	28.7	45	211.8	92	UN 3H1/X1.9/250	**063365**	**N/A -**	**063452**	**N/A -**
2500	126 x 126	28.7	45	282	167	UN 3H1/X1.9/250	**063366**	**N/A -**	**063384**	**N/A -**



- Natural or Black
- Flasks with narrow neck with UN approval
- Recess for labelling 1000 and 2500 ml
- Three types of caps are available
- Supplied without cap, (to be ordered separately)

Black HDPE caps for bottles with narrow cap, UN

For Flask (ml)	Ø Thread (mm)	PP bell cap, with red PP tamper evident ring and PTFE cup Cat. No.	PP bell cap, with red PP tamper evident ring and PTFE cup €	PP bell cap, red, with degassing system and perforated PTFE cup Cat. No.	PP bell cap, red, with degassing system and perforated PTFE cup €
500 to 2500	45	**063367**	**N/A -**	**063368**	**N/A -**

Nalgene™ Square bottles with narrow neck



- HDPE Square bottle
- Polypropylene cap
- Waterproof

Capacity (ml)	30	60	125	250	500	1000
h x side (mm)	63 x 38	83 x 41	110 x 54	116 x 61	146 x 74	181 x 95
Cap size (mm)	20	24	38–430	38–430	38–430	38–430
Cat. No.	**028707**	**028708**	**028709**	**028710**	**028711**	**028712**
Units/bag	12	12	12	12	12	6
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

HDPE square bottles with narrow neck



- Easy to handle thanks to its lateral grooves
- Labelable surface
- Supplied without cap, (to be ordered separately)

Cat. No.	Volume (ml)	Body size (mm)	Inn. neck Ø (mm)	Out. Thread Ø (mm)	H. without cap (mm)	€
063210	250	59 x 59	30.8	40	110.5	**N/A -**
063211	500	69 x 69	30.8	40	145.5	**N/A -**

LDPE screw caps, natural colour

Cat. No.	For pot volume (ml)	Internal Thread (mm)	€
063235B	250/500	40	**N/A -**

HDPE Square flasks with grooves



- In HDPE
- Waterproof
- Easy to handle thanks to its lateral grooves
- Labelable surface
- Supplied without cap, (to be ordered separately)

Cat. No.	Vol. (ml)	Body size (mm)	Int. neck Ø (mm)	Out. Thread Ø (mm)	H. without cap (mm)	€
063206	100	40.5 x 32	12.9	18	110.5	**N/A -**
063207	250	53.5 x 42.5	19	25	148	**N/A -**
063209	1000	84 x 66	19	25	222.5	**N/A -**

Caps for bottles with narrow neck

Thread	Screw cap LDPE Cat. No.	Screw cap LDPE €/unit	Dropper bottle Cat. No.	Dropper bottle €/unit	Red dropper cap Cat. No.	Red dropper cap €
18	-	-	**063281**	**N/A -**	**063297**	**N/A -**
25	**063232B**	**N/A -**	**063280**	**N/A -**	**063297**	**N/A -**

High density polyethylene bottles, narrow neck

Narrow-necked square bottles in HDPE

- Recess for labelling
- Square section
- Supplied without cap, (to be ordered separately)
- 4 types of different caps



					Natural		White	
Vol. (ml)	Body size (mm)	Int. neck Ø (mm)	Out. Thread Ø (mm)	H. without cap (mm)	Cat. No.	€	Cat. No.	€
100	45 x 45	17	32	108	063346	N/A -	-	-
250	60 x 60	17	32	136	063347	N/A -	063353	N/A -
500	74 x 74	17	32	170	063348	N/A -	-	-
1000	85 x 85	17	32	221	063349	N/A -	-	-

HDPE Cap for bottles with narrow neck

- With tamper-evident ring



Cat. No.	Description	For Flask (ml)	Thread Ø (mm)	€
063345	Cap for narrow-necked bottles, blue with sealing cone	100 to 1000	32	N/A -



Find the HDPE square bottles with narrow neck and blue cap on dulis.nl

Fluorinated high density polyethylene bottles, wide neck

Nalgene™ Fluorinated HDPE watertight bottles

- HDPE bottle
- Fluorinated polypropylene cap
- Wide neck



Fluorinated HDPE botlle with wide neck, Fluorinated PP cap

Capacity (ml)	125	250	500	1000	2000
Cap size (mm)	38	43	53	63	100
Units/bag	12	12	12	6	2
Cat. No.	029040A	029041A	029042A	029043A	029044A*
€/bag	N/A -	N/A -	N/A -	N/A -	N/A -

* White cap

Fluorinated high density polyethylene bottles, narrow neck

Nalgene™ Fluorinated HDPE watertight bottles



Fluorinated HDPE bottle with narrow neck, fluorinated PP cap

Capacity (ml)	250	500	1000	2000	4000	10000	20000
Cap size (mm)	24	28	38 -40	38 -40	38 -40	83B	83B
Units/bag	12	12	6	1	1	1	1
Cat. No.	029033	029034	029035	029036A	029037A	029038	029039
€/bag	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Low density polyethylene bottles, wide neck

Nalgene™ round bottles with wide neck



- LDPE Round bottle
- Polypropylene cap
- Wide neck
- Waterproof

Capacity (ml)	30	60	125	250	500	1000
Cap size (mm)	28	28	38	43	53	63
Units/bag	12	12	12	12	12	6
Units/box	72	72	72	72	48	24
Cat. No.	**028400**	**028401**	**028402**	**028403**	**028736**	**028737**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

LDPE cylindrical bottles, wide-mouth



- Ideal for liquids, pasty and granular products
- Waterproof
- Bottles supplied with caps

Cat. No.	Volume (ml)	Body Ø (mm)	Inner neck Ø (mm)	Thread	Height (mm)	€
063464	50	39	23.8	32	76	**N/A -**
063465	100	48	23.8	32	93.5	**N/A -**
063466	200	59	30.8	40	114	**N/A -**
063467	250	64	30.8	40	120	**N/A -**
063468	300	67.5	30.8	40	128	**N/A -**
063471	1000	95	50	65	205	**N/A -**



Find LDPE amber cylindrical bottles with wide neck on dulis.nl



Find opaque LDPE bottles on dulis.nl

Wheaton®LDPE bottles, wide neck



Volume (ml)	30	125	250
ø x H (mm)	33 x 69	51 x 98	61 x 125
Cap	28-410	38-410	43-410
Units/bag	12	12	12
Units/box	72	72	72
Cat. No.	**048347**	**048349**	**048350**
€/bag	**N/A -**	**N/A -**	**N/A -**

- Waterproof
- Anti-drip ring
- Delivered with cap assembled
- Double-sealed cap

Standardized polyethylene wide-necked vials





Enter the Cat. No. to find our autoclaving procedure

- With graduations
- Durable and long-lasting
- Certified for food contact
- Easy to empty with either liquid or solid samples
- Neck and thread according to DIN 13316 and 168

Vol. (ml)	Grad. (ml)	ø x h (mm)	Neck ø (mm)	DIN	Units/ box	Cat. No.	€/ box
50	10	38 x 88	24	GL32	100	**391267**	**N/A -**
100	20	48 x 105	24	GL32	100	**391268**	**N/A -**
250	25	60 x 140	38	GL45	50	**391269**	**N/A -**
500	100	75 x 170	38	GL45	25	**391270**	**N/A -**
1000	100	95 x 206	55	GL63	17	**391271**	**N/A -**
2000	100	120 x 252	55	GL63	15	**391272**	**N/A -**

Low density polyethylene bottles, wide neck

Rectangular polyethylene graduated bottles with wide neck

- Materials: polyethylene (body) and polypropylene (caps)
- Graduations to assess the volume of content
- perforated caps for fillings
- Rectangular bottles, ideal for storing samples in a minimum of space
- Supplied with plug seal into which reserved notes can be inserted



Cat. No.	Volume (ml)	Graduation (ml)	Dimensions (mm)	Neck ø (mm)	Units/ box	€/ box
391429	25	5	32 x 34 x 52	18	500	**N/A -**
391430	50	10	38 x 38 x 70	24	400	**N/A -**
391431	100	20	42 x 48 x 90	34.5	600	**N/A -**
391432	250	50	57 x 60 x 110	34.5	300	**N/A -**
391433	500	100	70 x 80 x 138	45	150	**N/A -**
391434	1000	100	80 x 103 x 176	58	80	**N/A -**
391435	2000	100	100 x 134 x 210	58	40	**N/A -**

Low density polyethylene bottles, narrow neck

Nalgene™ round bottles with narrow neck

Thermo SCIENTIFIC NALGENE

- LDPE bottle
- Polypropylene cap
- Narrow neck
- Waterproof



Capacity (ml)	8	15	30	60	125	250	500	500	1000
Cap size (mm)	20	20	20	20	24	24	28	38-430	38-430
Units/bag	12	12	12	12	12	12	12	12	6
Units/box	72	72	72	72	72	72	48	48	24
Cat. No.	**028768**	**028769**	**028761**	**028762**	**028763**	**028764**	**028765**	-	**028766**
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	-	**N/A -**

Wheaton® LDPE bottles, narrow neck

- Waterproof
- Anti-drip ring
- Delivered with cap assembled

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Volume (ml)	8	15	30	60	125	250
ø x H (mm)	25 x 43	25 x 56	32 x 69	39 x 84	50 x 101	61 x 129
Cap	20-410	20-410	20-410	20-410	24-410	24-410
Units/bag	12	12	12	12	12	12
Units/box	72	72	72	72	72	72
Cat. No.	**048767**	**048768**	**048769**	**048770**	**048317**	**048318**
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

LDPE short neck bottles

- Slender and tall shape
- Waterproof
- To be completed with a cap, dropper or suction rod (to be ordered separately)



Cat. No.	Volume (ml)	Body Ø (mm)	Inn. neck Ø (mm)	Thread	Height (mm)	€
063201	50	36.5	12.9	18	82	**N/A -**
063202	100	44.5	12.9	18	98.5	**N/A -**
063203	250	60	19	25	127.5	**N/A -**

Screw caps, LDPE, natural colour

For bottles with a volume of (ml)	Thread	Cat. No.	€
250	25	**063232B**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Low density polyethylene bottles, narrow neck

Nalgene™ Low particulate LDPE bottles



Naturally contain trace amounts of metals.

- Certified to contain less than 20 particles of 0.3 µm per ml
- Certificate of analysis included in each box
- Waterproof, non-sterile
- Double packaging in a class 10 laminar flow hood and in a class 100 clean room

Vol. (ml)	Cat. No.	Units/ bag	Units/ box	€/ box
125	029912	12	72	N/A -
500	029914	12	48	N/A -

Bottles with narrow neck, dark grey



- Made of polyethylene
- Completely opaque
- Ideal for photosensitive materials, either liquid or solid
- Supplied with plug seals to ensure a perfect seal
- Perforated sloping shoulders for lead-sealing and attaching labels

Cat. No.	Volume (ml)	Diameter (mm)	Height (mm)	Neck ø (mm)	Units/ box	€/ box
391256	50	39	76.5	18.5	100	N/A -
391257	125	46	115	18.5	100	N/A -
391258	250	60	137	23	50	N/A -
391259	500	74	165	23	25	N/A -
391260	1000	93	213	34.5	20	N/A -
391261	2000	116	273	34.5	20	N/A -

Corning® Gosselin™ Polyethylene square bottles with arrow neck and red cap



Non-sterile.

Cat. No.	Volume (ml)	Dimensions (mm)	Units/ box	€/ box
030435	100	39 x 39 x 103	300	N/A -
030437	250	55 x 55 x 128	208	N/A -
030438	500	70 x 70 x 149	100	N/A -
030439	1000	89 x 89 x 184	60	N/A -

TPX bottles, wide neck

Nalgene™ round bottles with wide neck



- PMP Round bottle
- Polypropylene cap
- Wide neck
- Waterproof
- Autoclavable

Capacity (ml)	250	500	1000
Cap size (mm)	43	53	63
Units/bag	12	12	6
Units/box	72	48	24
Cat. No.	028118	028152	028153
Units/box	24	16	16
€/box	N/A -	N/A -	N/A -

FEP bottles, wide and narrow neck

Nalgene™ Fluoropolymer bottles

The most resistant to chemicals and corrosion
FEP bottles are excellent for all high and low temperature applications.
Recommended for storage and analysis of highly purified samples. Autoclavable Waterproof.



FEP bottle with wide neck, ETFE cap

Capacity (ml)	125	250	500	1000
Cap size (mm)	33	43	48	53
Units/bag	1	1	1	1
Cat. No.	**028946A**	**028947A**	**028948A**	**028949A**
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**

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FEP narrow neck bottle, ETFE cap

Capacity (ml)	30	60	125	250	500	1000	2000
Cap size (mm)	20	20	24	24	28	38	38-430
Units/bag	1	1	1	1	1	1	1
Cat. No.	**028937A**	**028938A**	**028939A**	**028940A**	**028941A**	**028942A**	**028943A**
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

PFA bottles, wide neck

Nalgene™Fluoropolymer bottles

The most resistant to chemicals and corrosion
PFA bottles are excellent for all high and low temperature applications.
Recommended for storage and analysis of highly purified samples. Autoclavable Waterproof.



PFA narrow neck bottle, PFA cap

Capacity (ml)	30	60	125	250	500	1000
Cap size (mm)	20	20	38–430	38–430	38–430	38–430
Units/bag	1	1	1	1	1	1
Cat. No.	**028950A**	**028951A**	**028952A**	**028953A**	**028954A**	**028955A**
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

PTFE bottles, wide neck

PTFE bottles

- **FDA approved**
- **Screw cap**
- **Suitable for low and high temperatures up to +280 °C**
- **Grooves on the cap for a good grip**
- **Resistant to chemicals**
- **Inert**



Cat. No.	Volume (ml)	Ø neck (mm)	ø x height (mm)	€
098893	1	10	16 x 27	**N/A -**
098896	5	10	22 x 34	**N/A -**
098894	10	12	26 x 50	**N/A -**
098899	25	19	33 x 61	**N/A -**
098901	50	25	43 x 76	**N/A -**
098903	100	35	52 x 88	**N/A -**
098905	150	35	60 x 90	**N/A -**
098907	250	42	67 x 115	**N/A -**
098909	500	52	80 x 150	**N/A -**
098911	1000	57	100 x 185	**N/A -**
098913	2000	60	120 x 240	**N/A -**
098915	5000	80	170 x 335	**N/A -**

PTFE bottles, narrow neck

PTFE Low particulate bottles

Inert and ideal for storing high purity chemical samples.

- **Certified to contain less than 20 particles of 0.3 µm per ml and certified for trace levels of metals**
- **Certificate of analysis included in each box**
- **Waterproof, non-sterile**
- **Double packaging in a class 10 laminar flow hood and in a class 100 clean room**
- **Autoclavable**



Vol. (ml)	Cat. No.	Units/ bag	Units/ box	€/ box
125	**029916**	1	6	**N/A -**
250	**029917**	1	4	**N/A -**
500	**029918**	1	4	**N/A -**
1000	**029919**	1	4	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

PVC bottles, wide neck

PVC Square bottles with wide neck



- Translucent
- Wide neck for easy filling and cleaning
- Black screw cap with PE foam gasket, waterproof
- Translucent brown for light sensitive products
- Supplied without cap (to be ordered separately, see below)

					Amber		Translucent	
Vol. (ml)	Body size (mm)	Inn. neck Ø (mm)	Out. Thread Ø (mm)	H. without cap (mm)	Cat. No.	€	Cat. No.	€
50	38.5 x 38.5	23	32	60.5	063250	N/A -	063225	N/A -
100	46 x 46	31	40	71	063251	N/A -	063226	N/A -
300	67.5 x 67.5	41	50	94	063264	N/A -	-	-
500	80.5 x 80.5	54	65	108	063253	N/A -	063228	N/A -
750	91.5 x 91.5	69	80	120	063266	N/A -	063265	N/A -
1000	97 x 97	69	80	143	063254	N/A -	063229	N/A -
2000	122 x 122	69	80	187	063299	N/A -	063298	N/A -

Caps for PVC square bottles

- Black, with PE foam seal

Cat. No.	For pots with a volume of (ml)	Thread	€
063256	50	32	N/A -
063257	100	40	N/A -
063258	200 / 300	50	N/A -
063259	500	65	N/A -
063260	750/1000/1500/2000	80	N/A -
063261	2000	80	N/A -

Polycarbonate bottles, wide neck

Polycarbonate bottles



- In polycarbonate
- Optically transparent
- Breakage resistant
- Autoclavable (as well as the cap supplied)

Cat. No.	Volume (ml)	Shape	Thread	Units/ box	€/ box
360519	180	Round, wide neck	54 mm	12	N/A -
360518	400	Round, wide neck	63 mm	12	N/A -
360517	500	Round, wide neck	63 mm	12	N/A -
360516	1000	Round, wide neck	63 mm	12	N/A -

Polycarbonate bottles, narrow neck

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Azlon® polycarbonate bottles





- Made of highly transparent polycarbonate
- Supplied with polypropylene cap without seal
- Standard round shape, or convenient square shape
- Strong and durable, autoclavable to +121 °C

Square PC bottles

Cat. No.	Volume (ml)	Base Ø x H (mm)	Neck Ø (mm)	Units/ box	€/ box
251575	250	59 x 139	28	24	N/A -
251576	500	73 x 172	28	12	N/A -
251577	1000	92 x 213	28	12	N/A -
251578	2000	115 x 266	40	6	N/A -

Round PC bottles

Cat. No.	Volume (ml)	Dimensions (Ø x H)(mm)	Neck Ø (mm)	Units/ box	€/ box
251579	500	81 x 175	28	12	N/A -
251580	1000	97 x 216	28	12	N/A -

Polycarbonate bottles, narrow neck

Nalgene™ polycarbonate large round bottles with narrow neck

- Transparent polycarbonate
- Polypropylene cap
- 4 and 8 l models: shoulder attachment for integration of a marking label
- Autoclavable



Cat. No.	Capacity	Material	Cap	Units/ bag	Units/ box	€/ bag
029416	500 ml	PC	38-430	4	24	N/A -
029418	1 litre	PC	38-430	4	24	N/A -
029419	2 litres	PC	38-430	1	1	N/A -
029420	2. litres	PC	38-430	1	1	N/A -
029536	4 litres	PC	38-430	1	1	N/A -
029417	8 litres	PC	53B	1	1	N/A -

Nalgene™ Square bottles with narrow neck

- PC square bottle
- PP cap
- Waterproof
- Transparent
- Autoclavable



Capacity (ml)	30	60	125	250	500	1000	2000
H x side (mm)	63 x 38	83 x 41	110 x 54	116 x 61	146 x 74	181 x 95	271 x 116
Cap size (mm)	20	24	38–430	38–430	38–430	38–430	53B
Cat. No.	**028694**	**028695**	**028696**	**028697**	**028121**	**028699**	**028013**
Units/bag	12	12	6	6	4	4	1
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Polycarbonate bottles

- In polycarbonate
- Optically transparent
- Breakage resistant
- Autoclavable (as well as the cap supplied)



Cat. No.	Volume (ml)	Shape	Thread	Units/ box	€/ box
360506	30	Octagonal	20/415	24	N/A -
360505	60	Octagonal	24/415	24	N/A -
360504	125	Octagonal	38/430	24	N/A -
360503	250	Octagonal	38/430	24	N/A -
360502	500	Octagonal	38/430	12	N/A -
360501	1000	Octagonal	38/430	12	N/A -
360500	2000	Octagonal	53B	6	N/A -
360509	300	Round	38/430	24	N/A -
360508	500	Round	38/430	12	N/A -
360507	1000	Round	38/430	12	N/A -

Nalgene™ Polycarbonate Biotainer bottles

- In blue polycarbonate
- Graduated
- Sterile
- Suitable for storage temperatures from -85 °C to almost +100 °C
- With cap



Cat. No.	Bottle volume	Cap ø (mm)	Neck ø (mm)	L x W x H bottle (mm)	Units/ box	€/ box
088002	125 ml	38	26	52 x 52 x 102	50	N/A -
088007	1 l	38	37	98 x 98 x 194	35	N/A -
088010	2 l	48	37	116 x 116 x 262	20	N/A -
030093*	5 l	48	38	166 x 166 x 290	5	N/A -
088012	5 l	48	38	166 x 166 x 290	5	N/A -

* with handle



WEB

Find the polycarbonate Biotainer bottles on dulis.nl

All prices are indicative and exclude VAT. Visit www.dulis.nl

Polycarbonate bottles, narrow neck

Pharmatainers™ PC sterile square bottles

Sterile, capped medical grade bottles. Suitable for storage, transport and freezing of vaccines, biopharmaceuticals, culture media and biological solutions.



- Graduated
- With natural HDPE double sealed caps
- Sterilised by gamma irradiation , SAL 10^{-6}
- Made from 100% virgin resin, without animal compounds
- Endotoxin-free and non-cytotoxic tested
- PC: resistant from -130 °C to +135 °C, tested to be completely watertight in freezing conditions -80 °C
- Traceability: each bottle has a unique serial number, batch number, expiry date and a barcode

Vol.	Cap Ø (mm)	Neck Ø (mm)	Dimensions W x D x H (mm)	Sale unit	Cat. No.	€ sales unit
125 ml	48	37	58.8 x 58.2 x 95	100 unit box	351023	N/A -
				Bag of 5	351024	N/A -
500 ml	48	37	83.2 x 83.2 x 152	60 unit box	351025	N/A -
				Bag of 5	351026	N/A -
1 l	48	37	101 x 101 x 187	30 unit box	351027	N/A -
				Bag of 5	351028	N/A -
2 l	48	37	120 x 120 x 240	20 unit box	351030	N/A -
				Bag of 5	351031	N/A -
5 l	70	55	168 x 168 x 322	6 unit box	351032	N/A -
				Individual	351033	N/A -
10 l	70	55	212 x 212 x 395	2 unit box	351034	N/A -
				Individual	351035	N/A -
20 l	70	55	256 x 256 x 500	2 unit box	351036	N/A -
				Individual	351037	N/A -

WEB

Find all the accesories on www.dulis.nl

PET bottles, narrow neck

Sterile PET square bottles medium Nalgene™



- Lightweight, durable
- Moulded gradations
- Excellent gas barrier
- Made without animal-derived compounds
- Sterilised by gamma irradiation , SAL 10^{-6}
- In compliance with standard tests for biological products (including USP Class VI, UPS '661', European Pharmacopoeia for Abnor-mal Toxicity, Cytotoxicity, Hemolysis, and Non-pyrogenic)
- Compatible with air shipments

Cyto-toxic · Pyro-genic · Hemo lytic

PET bottles with natural HDPE caps

- Supplied with cap
- Packaged in a film-covered tray in a critical environment protection area

Cat. No.	Volume (ml)	Neck	Units/ box	€/ box
029557B	500	38-430	48	N/A -
029558B	1000	38-430	24	N/A -

PET bottles without cap

- Cap with sealing ring sold separately

Cat. No.	Material	Volume (ml)	Units/ box	€/ box
030178B	PET	125	96	N/A -
030179	PET	650	48	N/A -
030180	PET	1000	24	N/A -

HDPE caps with seal ring

- Suitable for PET and PETG bottles with 38-430 thread
- Guaranteed leak-free when used with PET and PETG Nalgene™ bottles
- Moulded with a seal ring
- Unique design prevents the seal ring from breaking during the installation of the cap
- Flat surface for labelling

Cat. No.	Description	Units/ box	€/ box
030184	HDPE cap with sealing ring 38-430	240	N/A -

PET bottles, narrow neck

Corning® Gosselin™ PET octagonal bottles

CORNING

Bottles with mounted caps

Fully screwed cap, integrity indicator before opening.
Radiation sterilised vials, SAL 10^{-3}.

Cat. No.	Volume (ml)	Dimensions H x W (mm)	Units/ bag	Units/ box	€/ box
076806C	125	108 x 53	24	336	N/A -
076814C	250	135 x 63	24	144	N/A -
076821C	500	173 x 74	12	120	N/A -
076800B	1000	214 x 92.5	12	48	N/A -

Bottles with pre-screwed caps

Pre-screwed cap: can be opened and filled, tamper evident after filling.
Radiation sterilised vials, SAL 10^{-3}.

				In a bag		In a film-covered tray	
Vol. (ml)	Dim. H x W (mm)	Units/ bag	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
125	105 x 53	24	336	688315	N/A -	-	-
500	170 x 74	12	120	-	-	076825	N/A -

- PET (polyethylene terephthalate), transparent like glass
- Graduated in the mass
- 31.7 mm wide opening
- Unbreakable, ergonomic
- HDPE screw cap, leak proof, integrity indicator



Screw cap with inner lip, tamper-evident



Flasks with unmounted caps (non-sterile)

Cat. No.	Volume (ml)	Dimensions H x W (mm)	Units/ bag	Units/ box	€/ box
076808B	125	105 x 53	24	288	N/A -
076813B	250	132 x 63	24	144	N/A -
076822B	500	170 x 74	12	120	N/A -
076801B	1000	212 x 92.5	12	48	N/A -

Corning® PET Square bottles and octagonal bottles

- Transparent PET
- Graduated bottles and flasks
- Sterile

Pyro-genic

CORNING

Square bottles

- Neck Ø: 37 mm
- PP Orange cap with GL45 seal

Cat. No.	Volume (ml)	Graduation (ml)	Range (ml)	Units/ box	€/ box
00431530	125	50–125	25	24	N/A -
00431531	250	50–250	25	24	N/A -
00431532	500	100–500	50	24	N/A -
00431533	1000	100–1000	50	24	N/A -

Octagonal bottles

- White HDPE screw cap 37.1 mm Ø

Cat. No.	Volume (ml)	Graduation (ml)	Range (ml)	Units/ box	€/ box
00431729	30	10–30	10	120	N/A -
00431730	60	10–60	10	96	N/A -
00431731	125	25–125	25	48	N/A -
00431732	250	50–250	50	48	N/A -
00431733	500	50–500	50	24	N/A -
00431734	1000	50–1000	50	24	N/A -





PET bottles, IATA-compliant

- Transparent PET
- Sterile
- Moulded gradations
- Inner Neck Ø: 31.7 mm
- Unbreakable and ergonomic
- Natural HDPE sealing cap
- Complies with the requirements of the International Air Transport Association (IATA)

Pyro-genic

Cyto-toxic

CORNING

Cat. No.	Volume (ml)	Graduation (ml)	Range (ml)	Units/ box	€/ box
432331	125	25–125	25	48	N/A -
432332	250	50–250	50	48	N/A -
432333	500	50–500	50	24	N/A -
432334	1000	50–1000	50	24	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

PET bottles, narrow neck

Pharmatainers™ PET sterile square bottles

Sterile, capped medical grade bottles. Suitable for storage, transport and freezing of vaccines, biopharmaceuticals, culture media and biological solutions.



- Graduated
- With natural HDPE double sealed caps
- Sterilised by gamma irradiation , SAL 10^{-6}
- Made from 100% virgin resin, without animal compounds
- Endotoxin-free and non-cytotoxic tested
- PET: Withstands from -40 °C to +60 °C
- Traceability: each bottle has a unique serial number, batch number, expiry date and a barcode

Vol.	Cap Ø (mm)	Neck Ø (mm)	Dimensions W x D x H (mm)	Sale unit	Cat. No.	€ sales unit
125 ml	48	37	58.8 x 58.2 x 95	100 unit box	**351000**	**N/A -**
				Bag of 5	**351000A**	**N/A -**
500 ml	48	37	83.2 x 83.2 x 152	60 unit box	**351017**	**N/A -**
				Bag of 5	**351017A**	**N/A -**
1 l	48	37	101 x 101 x 187	30 unit box	**351018**	**N/A -**
				Bag of 5	**351018A**	**N/A -**
2 l	48	37	120 x 120 x 240	20 unit box	**351019**	**N/A -**
				Bag of 5	**351019A**	**N/A -**
5 l	70	55	168 x 168 x 322	6 unit box	**351020**	**N/A -**
				Individual	**351020A**	**N/A -**
10 l	70	55	212 x 212 x 395	2 unit box	**351021**	**N/A -**
				Individual	**351021A**	**N/A -**
20 l	70	55	256 x 256 x 500	2 unit box	**351022**	**N/A -**
				Individual	**351022A**	**N/A -**

PETG bottles, wide neck

PETG Square bottles with wide neck



- Transparent PETG
- Supplied without cap, to be ordered separately)

Cat. No.	Volume (ml)	Body size (mm)	Inn. neck Ø (mm)	Out. Thread Ø (mm)	H. without cap (mm)	€
063304	50	38.5 x 38.5	23	32	60.5	**N/A -**
063305	100	46 x 46	31	40	71	**N/A -**
063306	200	59.5 x 59.5	41	50	88	**N/A -**
063307	500	80.5 x 80.5	54	65	108	**N/A -**
063308	1000	97 x 97	69	80	143	**N/A -**

Caps for PETG square bottles

- Black, with PE foam seal

Cat. No.	For pots with a volume of (ml)	Thread	€
063256	50	32	**N/A -**
063257	100	40	**N/A -**
063258	200 / 300	50	**N/A -**
063259	500/750	65	**N/A -**
063260	1000/1500/2000	80	**N/A -**
063261	2000	80	**N/A -**

PETG bottles, narrow neck

Nalgene™ Sterile square bottles with septum cap

Leak-proof PETG bottles with HDPE cap and silicone/PTFE septum.
For the packaging of biological or diagnostic products that require the addition of compounds using a syringe.

Cat. No.	Volume (ml)	Neck	Units/ box	€/ box
029551	60	24-415	200	N/A -
029552	125	38-430	96	N/A -
029553*	250	38-430	60	N/A -
029554	500	38-430	40	N/A -

* Without septum cap (to be completed with septum cap 029628 below)



Sterile septum caps for PET and PETG bottles

- Silicone plugs with PTFE in contact with the liquid surface
- Combines the elasticity of silicone for sealing with the non-reactivity of PTFE surfaces
- Adhesive-free, sterile
- Both materials used offer a better gas barrier than silicone
- For PET or PETG media bottles

Pyro-genic

Cyto-toxic

Cat. No.	For bottle with neck	Units/ box	€/ box
029627	24-415	200	N/A -
029628	38-430	240	N/A -





HDPE caps

High density polyethylene caps for PET or PETG bottles.
SAL 10^{-6}, non-hemolytic.

Cyto-toxic Pyro-genic

Cat. No.	For bottle with neck	Units/ box	€/ box
029629	20-415	280	N/A -
029630	24-415	200	N/A -

Nalgene™ Sterile square PETG bottles

- Transparent
- For the storage of media
- Sealed screw cap lined with heat-shrink tape
- Freezable down to -100 °C
- Sterilised by gamma rays
- Graduated
- Tray packaging

Pyro-genic

Cat. No.	Volume (ml)	L x H (mm)	Units/ Tray	Units/ box	€/ box
028021	30	38 x 63	24	96	N/A -
028022	60	41 x 82	24	96	N/A -
028023	125	52 x 108	24	48	N/A -
028024	250	58 x 147	24	48	N/A -
028025	500	73 x 177	12	24	N/A -
028026	1000	93 x 218	12	24	N/A -
028027	2000	116 x 270	6	12	N/A -



Heat-shrinkable PVC tape -gammairradiation

Cat. No.	For bottle square PETG	Cap Type HDPE	€ 1000 units
029821	30 ml	20–415	N/A -
029822	60 ml	24–415	N/A -
029823	125 ml à 1000 ml	38–430	N/A -
029824	2000 ml	53B	N/A -

Wheaton® PET sterile square bottles

- For media
- Offer good pH stability
- Anti-drip lip
- Light
- Permanent moulded graduations
- Space saving
- With mounted cap
- "E-beam" Sterilization
- Delivered on a tray with plastic protection

Cat. No.	Volume (ml)	Dimensions (mm)	Units/ tray	Units/ box	€/ box
048764	125	53 x 53 x 99	24	48	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

PETG bottles, narrow neck

Nalgene™ PETG Biotainer bottles



- Clear PETG, sterile
- Graduated
- Suitable for storage temperatures from -40 °C to +70 °C
- With cap
- Sterilised by gamma rays

Cat. No.	Bottle volume	Cap ø (mm)	Neck ø (mm)	L x W x H bottle (mm)	Units/ box	€/ box
088000	125 ml	38	26	52 x 52 x 102	5 x 20	N/A -
088003	500 ml	38	26	77 x 77 x 172	5 x 14	N/A -
088004	500 ml	38	26	77 x 77 x 172	1 x 70	N/A -
088005	1 l	48	37	98 x 98 x 194	5 x 7	N/A -
088006	1 l	38	37	98 x 98 x 194	1 x35	N/A -
088008	2 l	48	37	116 x 116 x 262	5 x 4	N/A -
088009	2 l	48	37	116 x 116 x 262	1 x 20	N/A -
030080*	5 l	48	NC	NC	6	N/A -
088013	5 l	48	NC	NC	6	N/A -

* with handle

Greiner Bio-One Bottles for culture media



- Made of polyethylene terephthalate (PET)
- Radiation sterilisation

Cat. No.	Volume (ml)	Units/ box	€/ box
951700	100	100	N/A -
950700	500	50	N/A -
952700	1000	24	N/A -

PETG bottles



- In PETG
- Optically transparent
- Square-shaped
- Breakage resistant
- Caps supplied, replacement caps available as accessories
- Sterile, gamma irradiation

Cat. No.	Volume (ml)	Shape	Thread	Units/ box	€/ box
360526	30	Tamper-proof	20/415	24	N/A -
360525	60	Tamper-proof	24/415	24	N/A -
360524	125	Tamper-proof	38/430	24	N/A -
360523	250	Tamper-proof	38/430	24	N/A -
360522	500	Tamper-proof	38/430	12	N/A -
360521	1000	Tamper-proof	38/430	12	N/A -
360520	2000	Tamper-proof	53B	6	N/A -
360533	30	Standard	20/415	24	N/A -
360532	60	Standard	24/415	24	N/A -
360531	125	Standard	38/430	24	N/A -
360530	250	Standard	38/430	24	N/A -
360529	500	Standard	38/430	12	N/A -
360528	1000	Standard	38/430	12	N/A -
360527	2000	Standard	53B	6	N/A -



Tamper-proof caps

- Made of polyethylene
- Sterile
- With sealing ring
- Not autoclavable

Cat. No.	Thread	Units/ box	€/ box
360538	53B	192	N/A -
360539	38/430	288	N/A -
360540	24/415	384	N/A -
360541	20/415	384	N/A -

Standard cap

- In polypropylene Autoclavable

Cat. No.	Thread	Units/ box	€/ box
360536	53B	192	N/A -
360537	38/430	384	N/A -

Vented caps

- In polypropylene Autoclavable
- PTFE membrane 0.22 µm

Cat. No.	Thread	Units/ box	€/ box
360542	53B	192	N/A -
360543	38/430	288	N/A -

Transfer caps

- In polypropylene Autoclavable
- With 3 or 4 resealable ports (including caps)

Cat. No.	Thread	Number of ports	€
360548	53B	4	N/A -
360549	38/430	3	N/A -

Caps with Septum

- In polypropylene Autoclavable
- Butyl septum

Cat. No.	Thread	Units/ box	€/ box
360544	53B	192	N/A -
360545	38/430	288	N/A -

Vented septum cap

- In polypropylene Autoclavable
- PTFE membrane 0.22 µm
- Butyl septum

Cat. No.	Thread	Units/ box	€/ box
360546	53B	288	N/A -

Tamper-proof septum cap

- In polypropylene Autoclavable
- With sealing ring
- Butyl septum

Cat. No.	Thread	Units/ box	€/ box
360547	53B	288	N/A -

Aluminium bottles

Aluminium bottles

For storage, transport and shipping of samples.

- Lightweight, unbreakable and opaque pure aluminium bottle (AL 99.5)
- Tight closure with PP screw cap with aluminium inner seal
- UN approval 1B1/X/250 for transport except for Cat. No. 671063

Cat.No.	Volume (ml)	Ø (mm)	Height with cap (mm)	€
671063	38	35	70	**N/A -**
795597	60	40	88	**N/A -**
795598	120	57	97	**N/A -**
795599	300	57	160	**N/A -**
671084	600	74	192	**N/A -**
795600	1200	88	248	**N/A -**
795762	3000	161	215	**N/A -**
795763	5600	161	340	**N/A -**



Polypropylene carboys, without tap

Nalgene™ Carboys

- Made of polypropylene
- Watertight, for storing distilled water or reagents
- 2 handles, with or without tap
- Graduated per 5 litres and per gallon
- PP model to be autoclaved empty, with the cap not screwed on (separately)

Thermo SCIENTIFIC | NALGENE



Volume	10	20	50
ø x H (mm)	250 x 389	282 x 513	379 x 678
Cap	83B	83B	83B
Cat. No.	**028618**	**028621**	**028565**
€	**N/A -**	**N/A -**	**N/A -**



Enter the Cat.No.on dulis.nl
to find our autoclaving procedure

Polypropylene Rectangular canisters

- Autoclavable
- Translucent
- Stainless steel Robust handle
- Graduated in litres and gallons

Thermo SCIENTIFIC | NALGENE



Capacity (l)	9	20
H x L x D (mm)	216 x 146 x 356	318 x 219 x 381
Cat. No.	**029122**	**029123**
€	**N/A -**	**N/A -**

Nalgene™ large round bottles with narrow neck

- Made of polypropylene
- Waterproof
- Polypropylene cap
- The 4 and 8 litre models have a shoulder clip for the integration of a marking label

Thermo SCIENTIFIC | NALGENE



Capacity (l)	Ø x H (mm)	Cap	PP natural	€	PP amber	€
2	121 x 249	38–430	**029412**	**N/A -**	**029413**	**N/A -**
4	152 x 333	38–430	**029329**	**N/A -**	**029414**	**N/A -**
8	193 x 409	53B	**029302**	**N/A -**	**029415**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Polypropylene carboys, without tap

Ultra-thin Carboys



- In transparent polypropylene
- Canister without tap, sterilisable in autoclave
- With embossed litre graduation
- Aluminium canister racks for safe storage available as an option (only for 5 l canister)

Cat. No.	Suitable for tap	Volume (l)	L x D x H (mm)	Neck Ø (mm)	€
090004	No	5	65 x 335 x 335	41	N/A -
795764	No	10	125 x 335 x 335	41	N/A -

WEB Find all the accessories and kits on www.dulis.nl

Nalgene™ Heavy Duty carboys



- Polypropylene, with polypropylene cap with TPE seal
- Autoclavable (to be autoclaved with a vent plug)
- Extra thick walls
- Holds an absolute vacuum for at least 8 hours
- Supplied with 83B cap with TPE seal

Thermo SCIENTIFIC NALGENE

Cat. No.	Capacity (l)	€
028163	10	N/A -
029437	20	N/A -

DWK LIFE SCIENCES

Azlon® Autoclavable square polypropylene carboys



Polypropylene carboys with leak-proof screw cap.

Cat. No.	Volume (l)	Base x height (mm)	Neck (mm)	€
090848	5	220 x 270	GL 45	N/A -
090808	10	280 x 360	83B	N/A -
090809	20	350 x 420	83B	N/A -

Polypropylene Rectangular carboys





- Polypropylene cap
- Wide handle for a better grip
- Graduation
- PP carboys autoclavable to +121 °C

Cat. No.	Dimensions W x D x H (mm)	Volume (l)	Colour	Tap	Cap Ø (mm)	€
311103	128 x 170 x 307	2.5	White	No	83	N/A -
311106	131 x 220 x 417	5	Dark amber	No	83	N/A -
311109	131 x 220 x 417		White	No	83	N/A -
311116	162 x 293 x 487	10	White	No	Sanitary collar	N/A -
311117	162 x 273 x 496			No	83	N/A -
311126	205 x 345 x 640	20	Dark amber	No	120	N/A -
311127	205 x 345 x 640		White	No	120	N/A -
311128	205 x 345 x 640			Yes	120	N/A -
311129	205 x 345 x 605			No	Sanitary collar	N/A -
311130	205 x 345 x 615			No	83	N/A -
311138	250 x 433.2 x 771	40	White	No	120	N/A -
311140	250 x 433.2 x 736			No	Sanitary collar	N/A -
311142	365 x 475 x 761	75	White	No	120	N/A -

WEB Enter the Cat.No.on dulis.nl to find our autoclaving procedure

Polypropylene carboys, with tap

Nalgene™ Carboys

- Made of polypropylene
- Watertight, for storing distilled water or reagents
- 2 handles, with or without tap
- Graduated per 5 litres and per gallon
- PP model to be autoclaved empty, with the cap not screwed on (separately)



Volume	10	20	50
ø x H (mm)	250 x 389	282 x 513	379 x 678
Cap	83B	83B	83B
Cat. No.	**028002**	**028003**	**028574**
€	**N/A -**	**N/A -**	**N/A -**



Enter the Cat.No.on dulis.nl
to find our autoclaving procedure

Nalgene™ Rectangular PP carboys with tap

- Autoclavable
- Robust stainless steel handle
- Graduated in litres and gallons
- With tap:
  - polypropylene replacement valve for conventional use
  - ethylene tetrafluoroethylene replacement valve for solvents



Capacity (l)	9	20
H x L x D (mm)	216 x 146 x 356	318 x 219 x 381
Cat. No.	**029128**	**029130**
€	**N/A -**	**N/A -**
PP valve Cat. No. replacement	**029110**	
€	**N/A -**	
ETFE valve Cat. No. replacement	**029872**	
€	**N/A -**	

Azlon® Autoclavable square polypropylene carboys

DWK LIFE SCIENCES

Polypropylene carboys with or without tap, with leak-proof screw cap.

Cat. No.	Volume (l)	Base x height (mm)	Neck (mm)	€
090849	5	220 x 270	GL 45	**N/A -**
090850	10	280 x 360	83B	**N/A -**



Polypropylene Rectangular carboys

- Polypropylene cap
- Wide handle for a better grip
- Graduation
- PP carboys autoclavable to +121 °C
- White carboys
- With tap

Cat. No.	Dimensions W x D x H (mm)	Volume (l)	Cap Ø (mm)	€
311110	131 x 270 x 417	5	83	**N/A -**
311118	162 x 293 x 496	10	83	**N/A -**
311128	205 x 345 x 640	20	120	**N/A -**
311131	205 x 345 x 614		83	**N/A -**
311139	250 x 433.2 x 771	40	120	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Polypropylene carboys, with tap

Nalgene™ Low polypropylene carboys



- Autoclavable, excellent chemical resistance
- Stackable, low-profile design, facilitates positioning in tight spaces
- Polypropylene cap and tap

Capacity (l)	8	15
L x D x H (mm)	356 x 305 x 152	356 x 356 x 203
Material	PP	PP
Cat. No.	**029454**	**029455**
€	**N/A -**	**N/A -**

Ultra-thin Carboys



- In transparent polypropylene
- With 3/4'' threaded tube for tap
- With embossed litre graduation
- Aluminium canister racks for safe storage available as an option (only for 5 l canister)
- Available as an option: StopCock tap with swivel spout anti-dripping and Compact drain valve for use with 3/4'' threaded canisters

Cat. No.	Suitable for tap	Volume (l)	L x D x H (mm)	Neck Ø (mm)	€
090005	Yes	5	65 x 335 x 335	41	**N/A -**
795765	Yes	10	125 x 335 x 335	41	**N/A -**

WEB

Search Cat. No. 090005 et 795765 to see all the all accessories and kits, on www.dulis.nl

Polypropylene carboys, with tubing

Nalgene™ Autoclavable carboys with outlet manifold



- In polypropylene, Autoclavable
- Graduated, waterproof
- Cap 83B
- With 13 mm inner diameter tube at the base of the carboy
- Tubes to be ordered separately

Cat. No.	Capacity (l)	€
029204	10	**N/A -**
029436	20	**N/A -**

High density polyethylene carboys without tap

Nalgene™ HDPE disposable carboys



- In HDPE
- Sterile
- USP Class VI certified

Cyto-toxic

Pyro-genic

Cat. No.	Capacity (l)	Ø x H (mm)	Cap	Handles	€
030091	20	284 x 502	83B	Stainless steel*	**N/A -**
128030	33	381 x 546	83B	Moulded	**N/A -**

Accessory

Cat. No.	Description	€
030092	Stainless steel handle for 20 litre carboys	**N/A -**

* Sold separately

High density polyethylene carboys without tap

Nalgene™ Wide neck carboys with handle

- Made of HDPE, natural colour
- Polypropylene cap diameter 100 mm
- Graduated



Cat. No.	Capacity (l)	Inn. Ø (mm) Neck	Ext. Ø (mm) Bottle	Height (mm) with / without cap	€
029448	10	88	250	343 / 338	N/A -
029449	15	88	269	389 / 379	N/A -
028677	20	88	287	493 / 480	N/A -

Azlon® Hexagonal, round or square carboys

- Made of HDPE, non autoclavable
- Hexagonal, round or square (space saving)
- Carrying handle
- Narrow neck
- Good chemical resistance



Vol (l)	Width (mm)	Height (mm)	Neck (mm)	Handle	Cat. No.	€
Hexagonal shape						
5	160	340	49	1	090080	N/A -
10	220	370	49	1	090081	N/A -
Round shape						
25	280	600	64	2	090082	N/A -
50	340	720	64	2	090083	N/A -

Canisters with wide and narrow neck

Made of HDPE, thick walls (2 mm), very strong.

Canisters with narrow neck

- Can be used at temperatures below 0 °C
- 12 mm deep thread for a perfect seal

Vol. (l)	Ø x H (mm)	Neck Ø (mm)	Number handles	Cat. No.	€
5	170 x 345	62.5	1	391326A	N/A -
10	210 x 425	62.5	1	391327A	N/A -
25	280 x 565	95.5	2	391328A	N/A -
50	350 x 700	95.5	2	391329A	N/A -

Canisters with wide neck

- HDPE, thick-walled (2 mm), very solid
- For liquid or powder
- Wide neck for easy filling and emptying
- Supplied with obturators to guarantee better impermeability
- With 1 or 2 strong handles for transport

Cat. No.	Volume (l)	Ø x H (mm)	Diameter Neck (mm)	€
391231A	5	170 x 340	94	N/A -
391325A	10	210 x 415	108	N/A -







Enter the Cat.No.on dulis.nl
to find our autoclaving procedure

Rectangular carboys

Cat. No.	Dimensions W x D x H (mm)	Volume (l)	Colour	Cap Ø (mm)	€
311100	128 x 170 x 304	2.5	Amber	83	N/A -
311101	128 x 170 x 304		White	83	N/A -
311104	131 x 220 x 417	5	Amber	83	N/A -
311107	131 x 220 x 417		White	83	N/A -
311112	162 x 273 x 495	10	Amber	83	N/A -
311114	162 x 273 x 495		White	83	N/A -
311120	205 x 345 x 640	20	Amber	120	N/A -
311122	205 x 345 x 640		White	120	N/A -
311124	205 x 345 x 614			83	N/A -
311134	250 x 433.2 x 771	40	Amber	120	N/A -
311136	250 x 433.2 x 771		White	120	N/A -
311141	365 x 475 x 762	75	White	120	N/A -

- Polypropylene cap
- Wide handle for a better grip
- Graduation
- PP autoclavable at +121 °C





All prices are indicative and exclude VAT. Visit www.dulis.nl

High density polyethylene carboys without tap

Full-opening carboy with metal toggle



- Square HDPE carboys for food contact
- With handle and sealable metal toggle closure
- High tolerance to alcoholic content
- Can be used from -40 °C to +90 °C
- White

Cat. No.	Capacity (l)	Dimensions L x W x H (mm)	Weight (kg)	€
212098	20	280 x 280 x 345	1.66	N/A -

HDPE carboys



- In HDPE
- Blue graduation
- With screwd cap

Volume (l)	Body Ø (mm)	Inn. neck Ø (mm)	Height (mm)	Cat. No.	€
5	167	50	330	063357	N/A -
10	206	50	427	063359	N/A -
25	278	50	580	063360	N/A -
60	346	50	823	063361	N/A -

HDPE Jerrycans

- In HDPE
- With UN approval
- Bottles only, HDPE cap sold separately

Volume (l)	Body size (mm)	Inn. neck Ø (mm)	Thread	Height (mm)	Weight (g)	UN approval	Natural Cat. No.	Natural €	Blue Cat. No.	Blue €
2	145 x 109	34.5	45	196	110	-	063427	N/A -	-	-
2.5	153 x 115	34.5	45	208	125	UN 3H1/Y1.6/150	063429	N/A -	-	-
3	153 x 115	34.5	45	240	140	UN 3H1/Y1.6/150	063434	N/A -	-	-
5	190 x 145	40.5	50	251	250	UN 3H1/X1.9/250	063418	N/A -	-	-
6	192 x 145	34.5	45	294	265	-	063426	N/A -	-	-
8	230 x 190	34.5	45	270	320	-	063327	N/A -	-	-
20	290 x 246	48.5	60	385	950	UN 3H1/X1.9/250	063432	N/A -	063433	N/A -
25	290 x 246	48.5	60	450	1100	UN 3H1/X1.9/250	-	-	-	-
30	320 x 284	48.5	60	435	1250	UN 3H1/X1.9/250	063430	N/A -	-	-





Caps for HDPE Jerrycans

For jerry can(l)	1) Black, with tamper evident ring and degassing Cat. No.	€	2) Black, With tamper -evident ring Cat. No.	€	3) Red, with tamper evident ring Cat. No.	€
2/2.5/3	063487	N/A -	063399B	N/A -	063400B	N/A -
5	063424	N/A -	063428	N/A -	063423	N/A -
6/8	063487	N/A -	063399B	N/A -	063400B	N/A -
20	063422	N/A -	063489	N/A -	063488	N/A -
25	063422	N/A -	063489	N/A -	063488	N/A -
30	063422	N/A -	063489	N/A -	063488	N/A -

High density polyethylene carboys without tap

Bonbonne ambrée Nalgene™ Amber carboy

- Amber HDPE carboy, amber polypropylene cap
- For light-sensitive products
- With flat bottom for easy sample shaking
- Cap 83B

Cat. No.	Volume (l)	€
029451	10	N/A -



High density polyethylene carboys, with tap

Nalgene™ Rectangular HDPE carboys with tap

- Rectangular shape
- Excellent chemical resistance
- Moulded gradations
- With stainless steel handle
- High density polyethylene

Nominal capacities (l.)	9	20
Dimensions (mm)	216 x 146 x 356	318 x 219 x 381
Cat. No.	**029131**	**029132**
€	**N/A -**	**N/A -**



Nalgene™ Low HDPE carboys

- Autoclavable, excellent chemical resistance
- Stackable, low-profile design, facilitates positioning in tight spaces
- Polypropylene cap and tap

Capacity (l)	8	15
L x D x H (mm)	356 x 305 x 152	356 x 356 x 203
Material	HDPE	HDPE
Cat. No.	**029452**	**029453**
€	**N/A -**	**N/A -**



Azlon® Hexagonal or round HDPE carboys

- Made of HDPE, non autoclavable
- Carrying handle
- Narrow neck, black cap
- Good chemical resistance

Vol (l)	Width (mm)	Height (mm)	Neck (mm)	Handle	Cat. No.	€
Hexagonal shape						
5	160	340	49	1	**090084**	N/A -
10	220	370	49	1	**090085**	N/A -
Round shape						
25	280	600	64	2	**090086**	N/A -
50	340	720	64	2	**090087**	N/A -



Replacement taps

Cat. No.	Shape Carboys	Cat. No. Carboys	€
001484	Hexagonal	090084 and 090085	N/A -
001767	Round	090086 and 090087	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

High density polyethylene carboys, with tap

Canisters with narrow neck



Made of HDPE, thick walls (2 mm), very strong.

Canisters with narrow neck

- Can be used at temperatures below 0 °C
- Models with valve: 3/4" 85P valve
- 12 mm deep thread for a perfect seal

Vol. (l)	Ø x H (mm)	Neck Ø (mm)	Number handles	Canisters with tap	
				Cat. No.	€
5	170 x 345	62.5	1	391330A	N/A -
10	210 x 425	62.5	1	391331A	N/A -
25	280 x 565	95.5	2	391332A	N/A -
50	350 x 700	95.5	2	391333A	N/A -

Accessory

Cat. No.	Description	Units/ box	€/ box
391334	English tap with 3/4'' attachment	2	N/A -

HDPE carboy with tap



- For the distribution of cleaning solutions, disinfectants and reagents
- Possibility of sticking a label or writing on the smooth sides
- With a handle
- Resistant to corrosive acids

Cat. No.	Capacity (l)	€
947847	20	N/A -

Rectangular carboys with tap



- Polypropylene cap
- Wide handle for a better grip
- Graduation
- Made of PP, autoclavable at 121 °C

Cat. No.	Dimensions W x D x H (mm)	Volume (l)	Colour	Cap Ø (mm)	€
311105	131 x 270 x 415	5	Amber	83	N/A -
311108	131 x 270 x 417		White	83	N/A -
311113	162 x 293 x 496	10	Amber	83	N/A -
311115	162 x 293 x 495		White	83	N/A -
311121	205 x 345 x 614	20	Amber	83	N/A -
311123	205 x 345 x 640		White	120	N/A -
311125	205 x 345 x 640			83	N/A -
311135	250 x 433.2 x 771	40	Amber	120	N/A -
311137	250 x 433.2 x 771		White	120	N/A -

HDPE carboys with tap



- In HDPE
- Blue graduation
- With screwd cap
- Tap o be ordered separately

Volume (l)	Body Ø (mm)	Inn. neck Ø (mm)	Height (mm)	Cat. No.	€
10	206	50	427	063358	N/A -
60	346	50	823	063364	N/A -

Accessories

Cat. No.	Description	€
063318	Blue HDPE drainage tap for 5 - 60 l carboys	N/A -
063341	Blue PP drainage tap for 5 - 60 l carboys	N/A -
063340	HDPE fitting, blue PP drainage tap	N/A -

Fluorinated high density polyethylene carboys with tap

Bonbonnes fluorées avec robinet Nalgene™ Fluorinated carboys with tap

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- In HDPE
- Tefzel tap
- For storage and distribution of solvents
- Fluorinated surfaces, reduces solvent diffusion
- Moulded gradations
- Stainless steel handle
- Polypropylene replacement valve for conventional use
- Ethylene tetrafluoroethylene replacement valve for solvents









Capacity (l)	9	20
Dimensions (mm)	216 x 146 x 343	318 x 219 x 381
Cat. No.	**029194**	**029195**
€	**N/A -**	**N/A -**
Spare cap Cat. No.	**029374**	
€	**N/A -**	
Spare PP tap Cat. No.	**029110**	
€	**N/A -**	
Spare ETFE tap Cat. No.	**029872**	
€	**N/A -**	

Low density polyethylene carboys, without tap

Nalgene™ Carboys

- In LDPE
- Watertight, for storing distilled water or reagents
- 2 handles, with or without tap
- Graduated per 5 litres and per gallon

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Volume	10	15	20	25	50
ø x H (mm)	250 x 389	285 x 419	282 x 513	287 x 584	379 x 678
Cap	83B	83B	83B	83B	83B
Cat. No.	**029440**	**029441**	**029442**	**029443**	**029444**
€/unit	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Nalgene™ large round bottles with narrow neck

- LDPE
- Waterproof
- Polypropylene cap
- The 4 and 8 litre models have a shoulder clip for the integration of a marking label

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Cat. No.	Capacity (l)	Ø x H (mm)	Cap	€
029409	2	121 x 249	38 - 430	**N/A -**
029410	4	152 x 333	38 - 430	**N/A -**
029411	8	193 x 409	53B	**N/A -**

Low density polyethylene carboys, with tap

Nalgene™ Carboys

- In LDPE
- Watertight, for storing distilled water or reagents
- 2 handles, with or without tap
- Graduated per 5 litres and per gallon

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Volume (l)	4	10	20	25	50
ø x H (mm)	154 x 330	250 x 389	282 x 513	287 x 584	379 x 678
Cap	38-430	83B	83B	83B	83B
Cat. No.	**029135**	**028422**	**028624**	**029445**	**029291**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

LDPE carboys with tap

- In LDPE
- For the distribution of cleaning solutions, disinfectants and reagents
- Possibility of sticking a label or writing on the smooth sides
- With a handle
- Resistant to corrosive acids



Cat. No.	Capacity (l)	€
947845	4	**N/A -**
947846	8	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Polycarbonate carboys, without tap

Nalgene™ Transparent Polycarbonate Carboys



- Ideal for storing reagents and media
- Polycarbonate Transparent, Autoclavable
- With sealed screw cap 83B, with or without valve

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Cat. No.	Volume (l)	Ø x H (mm)	Inn. Neck ø (mm)	Tap	€
029105	10	249 x 381	64	No	N/A -
029106	20	282 x 513	64	No	N/A -

Rectangular carboy



Cat. No.	Dimensions W x D x H (mm)	Volume (l)	Colour	Cap Ø (mm)	€
311132	205 x 345 x 640	20	Transparent	120	N/A -

Clearboy transparent rectangular carboys



- Polycarbonate Transparent, Autoclavable
- Light
- Moulded gradations
- Extremely impact resistant
- Ideal for solids collection and storage

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Capacity (l)	9	20
L x W x H (mm)	216 x 146 x 352	318 x 219 x 381
Cat. No.	029126	029127
€	N/A -	N/A -

Nalgene™ Square polycarbonate carboys "clean"certified



- Transparent polycarbonate
- USP 788, USP 661 and USP 85 certified for cleanroom use
- capØ: 48 mm
- Operating temperature: -100 °C to +100 °C
- Sterile, double unit heat-sealed packaging

Cat. No.	Volume (l)	Handle	Dimensions W x H (mm)	Units/ box	€/ box
088028	5	Yes	166 x 299	6	N/A -
088029	5	No	166 x 299	6	N/A -
088030	10	Yes	255 x 337	2	N/A -
088031	10	No	255 x 337	2	N/A -
088032	20	Yes	255 x 495	3	N/A -

Polycarbonate carboys, with tap

Thermo SCIENTIFIC NALGENE

Nalgene™ Rectangular polycarbonate carboys with tap







- Autoclavable
- Transparent, moulded scales
- Impact resistant
- Suitable for cold rooms
- Robust stainless steel handle
- Polypropylene replacement valve for conventional use
- Ethylene tetrafluoroethylene replacement valve for solvents

Capacity (l)	9	20
L x W x H (mm)	216 x 146 x 362	318 x 219 x 381
Cat. No.	029133	029134
€	N/A -	N/A -
Spare cap Cat. No.	029374	
€	N/A -	
PP valve Cat. No. replacement	029110	
€	N/A -	
ETFE valve Cat. No. replacement	029872	
€	N/A -	

Polycarbonate carboys, with tap

Nalgene™Transparent Polycarbonate Carboys

- Ideal for storing reagents and media
- Polycarbonate Transparent, Autoclavable
- With sealed screw cap 83B, with or without valve



Cat. No.	Volume (l)	Ø x H (mm)	Inn. Neck ø (mm)	Tap	€
029120	10	249 x 381	64	Yes	N/A -
029121	20	282 x 513	64	Yes	N/A -

PETG carboys, without tap

Rectangular carboys

- Wide handle for a better grip
- Graduation



Cat. No.	Dimensions W x D x H (mm)	Volume (l)	Colour	Cap Ø (mm)	€
311102	128 x 170 x 307	2.5	Transparent	83	N/A -
311111	131 x 220 x 417	5	Transparent	83	N/A -
311119	162 x 273 x 501	10	Transparent	83	N/A -
311133	205 x 345 x 640	20	Transparent	120	N/A -

Polypropylene Jerrycans, without tap

Nalgene™round Jerrycans with handle

- Autoclavable
- Waterproof
- Made of polypropylene
- With side opening for easy pouring of liquids



Cat. No.	Capacity (l)	Material	€
029438	4	PP	N/A -
029439	8	PP	N/A -

High density polyethylene Jerrycans, without tap

Nalgene™ Heavy Duty Jerrican 20 l

- Stackable
- In HDPE, Good chemical resistance
- With handle
- Graduated



Nominal Capacity (l)	20
Approximate maximum capacity (l)	20.8
Cap Ø (mm)	70
Min. inn. neck Ø	48
L x H x W	323 x 234 x 399
Cat. No.	**029294**
€	**N/A -**

Nalgene™ HDPE Jerrycans with PP cap

- Heavy and robust design
- For extreme use
- High stability and long spout
- Moulded gradations
- High density Polypropylene
- Not autoclavable



L x H x W (mm)	152 x 203 x 343	191 x 229 x 368	229 x 305 x 445
Nominal Capacity (l)	6	10	20
Approximate maximum capacity (l)	7.6	12	24
Subdivisions (galleons)	1/4	1/4	1
Cap Ø (mm)	53B	53B	53B
Cat. No.	**029456**	**029457**	**029458**
€	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

High density polyethylene Jerrycans, without tap

HDPE Jerrycan for food contact



- Built-in spout length 170 mm
- Not suitable for transport and storage of hydrocarbons

Cat. No.	Vol. (l)	L x W x H (mm)	€
212068	20 l	320 x 200 x 460	66.90 -

Stackable Canisters



- Suitable for food contact
- With a practical handle for transport
- Cap with safety lock according to DIN standards
- The three volumes (5, 10 and 20 litres) comply with the UN approval for the transport of hazardous liquid substances

Cat. No.	Volume (l)	Dimensions (mm)	DIN	Units/ box	€/ box
391337	2	175 x 155 x 115	GL 45	48	N/A -
391338C	5	250 x 195 x 150	GL 51	40	N/A -
391339	10	320 x 225 x 195	GL 51	24	N/A -
391340	20	370 x 295 x 245	GL 51	6	N/A -

HDPE Jerrycans

- In HDPE
- With UN approval
- Bottles only, HDPE cap sold separately

Volume (l)	Body size (mm)	Inn. neck Ø (mm)	Thread	Height (mm)	Weight (g)	UN approval	Natural Cat. No.	Natural €	Blue Cat. No.	Blue €
2	145 x 109	34.5	45	196	110	-	063427	N/A -	-	-
2.5	153 x 115	34.5	45	208	125	UN 3H1/Y1.6/150	063429	N/A -	-	-
3	153 x 115	34.5	45	240	140	UN 3H1/Y1.6/150	063434	N/A -	-	-
5	190 x 145	40.5	50	251	250	UN 3H1/X1.9/250	063418	N/A -	-	-
6	192 x 145	34.5	45	294	265	-	063426	N/A -	-	-
8	230 x 190	34.5	45	270	320	-	063327	N/A -	-	-
20	290 x 246	48.5	60	385	950	UN 3H1/X1.9/250	063432	N/A -	063433	N/A -
25	290 x 246	48.5	60	450	1100	UN 3H1/X1.9/250	-	-	-	-
30	320 x 284	48.5	60	435	1250	UN 3H1/X1.9/250	063430	N/A -	-	-



Caps for HDPE Jerrycans

For jerry can(l)	4) Natural, with drain tap, red Cat. No.	4) Natural, with drain tap, red €	5) White, with dosing pump Cat. No.	5) White, with dosing pump €
2/2.5/3	063421	N/A -	063490	N/A -
5	063411	N/A -	-	-
6/8	063421	N/A -	063490	N/A -
20	063412	N/A -	063342	N/A -
25	063412	N/A -	063343	N/A -
30	063412	N/A -	063344	N/A -

High density polyethylene Jerrycans with tap

Carboys with tap



- In HDPE
- 10 litre and 20 litre volumes
- Perfect for small spaces
- Suitable for food contact
- Practical handle for transport
- Position of the tap that allows the canister to be positioned vertically
- Simplifies the packaging and transport of liquids

Cat. No.	Volume (l)	Dimensions (mm)	Units/ box	€/ box
391335	10	380 x 300 x 160	5	N/A -
391336	20	470 x 370 x 180	4	N/A -

Low density polyethylene Jerrycans, without tap

Nalgene™ round Jerrycans with handle

- Autoclavable
- Waterproof
- In LDPE
- With side opening for easy pouring of liquids

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Cat. No.	Capacity (l)	Material	€
029450	4	LDPE	N/A -
029383	8	LDPE	N/A -

Barrels

Wide-mouth kegs in HDPE

- In HDPE
- Food grade products
- Waterproof and airtight
- Maximum filling temperature: +80 °C
- Closing temperature: +30 °C



Capacity (l)	6	10	15	20	26	42	55	68
Handles	Without	Without	Without	Without	Without	With	With	With
Dimensions Ø x H (mm)	198 x 265	274 x 239	274 x 328	274 x 418	316 x 426	410 x 416	410 x 518	410 x 632
Ø opening (mm)	136	204	204	204	204	282	282	282
Maximum gross weight (kg)	20	22	22	27	33	51	66	81
Cat. No.	**773001**	**773002**	**773003**	**773004**	**773005**	**773006**	**773007**	**773008**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

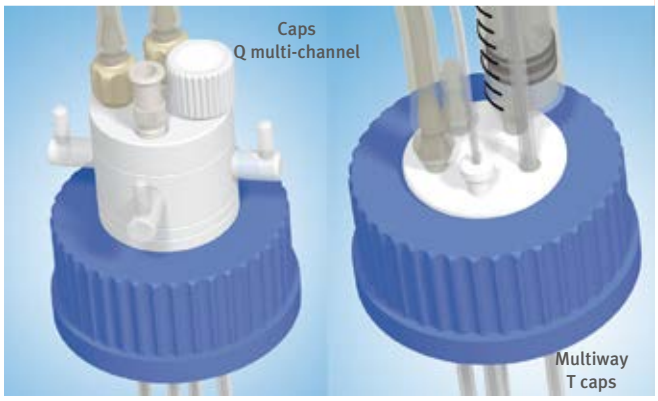
Transfer caps

Multiway caps

Multiway caps, Q Series

- For liquid transfer (pressure applications)
- Anti-twist
- PTFE body
- Hoses connected by 1/4''-28 stainless steel threaded orifices and nuts
- Recommended Ferrules, Omni-Lok™ or Gripper System
- Supplied with a set of hoses

Neck	Number of channels	Valve	Multi-channel Q caps		Multiway T caps	
			Cat. No.	€	Cat. No.	€
GL 45	2	Ok	910527	N/A -	910695	N/A -
GL 45	3	Ok	910683	N/A -	910696	N/A -
GL 45	4	Ok	910684	N/A -	910697	N/A -
38-340	2	Ok	-	-	910698	N/A -
38-340	3	Ok	-	-	910699	N/A -
38-340	4	Ok	-	-	910700	N/A -
GL 32	2	Ok	910688	N/A -	-	-
GL 45	2	-	910689	N/A -	910701	N/A -
GL 45	3	-	910690	N/A -	910702	N/A -
GL 45	4	-	910691	N/A -	910703	N/A -
38-340	2	-	910692	N/A -	910704	N/A -
38-340	3	-	910693	N/A -	910705	N/A -
38-340	4	-	910694	N/A -	910706	N/A -
GL 32	2	-	-	-	910707	N/A -



Multi-channel caps, T Series

- For liquid transfer (peristaltic pumps...)
- Simple and multi-purpose
- No nuts or fittings
- Anti-twist
- PTFE body
- Holes for 3.2 mm diameter rigid tubes or male Luer adapter
- With control valve and filter to prevent vapour leakage into the working environment and contamination of the solution

All prices are indicative and exclude VAT. Visit www.dulis.nl

Aseptic transfer caps



Caps with tubing for filling and emptying carboys Nalgene™ under aseptic conditions.

- Fits any 83B or 53B neck carboys
- In polypropylene Autoclavable
- Caps with two external spigots and two internal tubes to the carboys

Cat. No.	Type	Inn tube . Ø	€
029107	53B	6.4 mm (1/4)	N/A -
029108	83B	12.7 mm (1/2)	N/A -
029109	83B	6.4 mm (1/4)	N/A -

Top Works caps



- Polypropylene caps
- Autoclavable
- Waterproof
- For the aseptic transfer of liquids
- With two or three ports, with flexible silicone tubing
- Tubes are fusion welded to form a one-piece closure system

Cat. No.	Model	Number of ports	Internal tubing dimensions (inch)	€
028999	38 - 430	3	(1) 1/4; (2) 1/8	N/A -
029000	53B	Without	-	N/A -
029001	53B	2	(1) 1/4; (1) 1/4	N/A -
029002	53B	3	(1) 1/8; (2) 1/4	N/A -
029003	83B	Without	-	N/A -
029004	83B	2	(1) 1/4; (1) 1/2	N/A -
029005	83B	3	(1) 3/8; (2) - 1/4	N/A -
029369	GL45	3	(2) 1/4; (1) - 1/8	N/A -

Filler cap



- Made of polypropylene and TPE seal
- Type 83B
- With internal and external quick connectors for the connection of tubing
- For 1/4" (6.3 mm) or 3/8" (9.5 mm) tubing

Cat. No.	Output (mm)	Number of ports	€
029421	6.3	2	N/A -
029422	9.5	2	N/A -
029423	6.3	3	N/A -
029424	9.5	3	N/A -

Replacement connections for filler cap



- Made of polypropylene
- Please note: sizes are not interchangeable

Cat. No.	Output (mm)	Type	Units/ box	€/ box
029426	6.3	Straight	6	N/A -
029427	9.5	Straight	6	N/A -
029428	6.3	Elbow	6	N/A -
029429	9.5	Elbow	6	N/A -

Pouring caps



- Polypropylene with polyethylene insert
- For all 1 litre, 2 litre, 4 litre bottles with neck 38-430 (38 mm)

Cat. No.	Description	Units/ box	€/ box
029430	Pouring cap	6	N/A -



Find the Biosigma two-tube conical caps on dulis.nl

WASHING BOTTLES - THE BASICS - In low density polyethylene, wide neck

ClearLine® Washing bottles with wide neck

- Made of polyethylene
- One-piece moulded Caps

Volume (ml)	250	500
White	257016	761880
Blue	257017	257023
Red	257018	257024
Yellow	257019	257025
Orange	257020	257026
Green	257021	257027
Units/box	1	1
€/box	N/A -	N/A -
Assorted	257022	257028
Units/box	6	6
€/box	N/A -	N/A -



Azlon® Washing bottles with wide neck and anti-drip system

- In LDPE
- Coloured wide-neck polypropylene cap
- DripLok® non-drip system minimises solvent loss

Volume	500 ml	1000 ml
White	761770	761776
Yellow	761772	761777
Red	761771	761778
Blue	761774	761779
Green	761773	761780
Orange	761775	761781
Units/box	5	5
€/box	N/A -	N/A -



Washing bottle kit

Cat. No.	Description	€
761769	Set of 5 x 250 ml washing bottles, assorted caps (white, red, yellow, green, blue)	N/A -

Azlon® Wide neck washing bottles with coloured cap

- Made of polyethylene
- One-piece moulded colour cap with spout

Cap colour	250 ml washing bottles	500 ml washing bottles	1000 ml washing bottles
White	001432	001438	001442
Red	001433	001439	001444
Yellow	001434	001440	001443
Green	001435	001441	001446
Blue	001436	001437	001445
Units/box	5	5	5
€/box	N/A -	N/A -	N/A -



Washing bottles with wide neck

- Made of polyethylene
- Graduated
- Easy and safe filling
- With coloured cap to identify the contents
- GL 45 Neck (ø 38 mm)
- Outlet tube is an integral part of the cap eliminating the tendency for air and liquid to be absorbed by the cap

Volume (ml)	Graduation (ml)	ø (mm)	Natural	Blue	Yellow	Red	€
250	25	60	391316	391462	391464	391466	N/A -
500	100	75	391317	391463	391465	391467	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

WASHING BOTTLES - THE BASICS - In low density polyethylene, narrow neck

Nalgene™ Washing bottles, Spouted cap



- LDPE body
- Polypropylene Rod and cap
- One piece Molded rod and cap
- Waterproof

Cat. No.	Volume (ml)	Units/ box	€/ box
028891	125	6	N/A -
028892	250	6	N/A -
028105	500	6	N/A -
028894	1000	4	N/A -

Washing bottles for distilled water



- Made of polyethylene
- Liquid is released by pressing on the bottle body
- Tube with small extractable cone

Cat. No.	Volume (ml)	Diameter (mm)	Height (mm)	Units/ box	€/ box
391304	50	35	96	10	N/A -
391305	100	43	115	10	N/A -
391306	250	60	140	10	N/A -
391307	500	75	180	10	N/A -
391308	1000	95	220	10	N/A -

Nalgene™ Washing bottles 500 ml with coloured cap



- Low density polyethylene body (LDPE)
- Polypropylene screw cap
- Capacity 500 ml

Volume (ml)	Red	Green	Blue	Yellow	€/ 6 units
500	028913	028912	028911	028910	N/A -

Azlon® Washing bottles with narrow neck and white cap



- Made of polyethylene
- Narrow neck
- Polypropylene cap with swivel spout

Cap colour	250 ml	500 ml
White	001457	001463
Units/box	5	5
€/box	N/A -	N/A -

Azlon® LDPE Washing bottles with narrow neck



- Slim, elongated shape for easy handling
- Polypropylene caps with swivel spout, red or white
- 3 sizes available
- Spouts have a fine and precise opening for perfect control of the spray

Cat. No.	Volume (ml)	Cap Colour	Units/ box	€/ box
761713	250	White	1	N/A -
761716	500	White	1	N/A -
785620	500	White	5	N/A -
090408	1000	White	5	N/A -

Coloured LDPE Washing bottles with narrow neck



Volume (ml)	Red	Green	Blue	Yellow	€
500	068664	068665	068666	068667	N/A -

WASHING BOTTLES - THE BASICS - In low density polyethylene, narrow neck

LDPE narrow neck bottles

- In LDPE
- Narrow neck
- Flexible
- Watertight
- Bottles supplied with caps
- Can be completed with a dropper cap or a washing bottle rod



Cat. No.	Vol. (ml)	Body Ø (mm)	Inn. neck Ø (mm)	Thread	Height (mm)	€
063455	30	33.5	9.2	14	68.5	N/A -
063456	50	37.5	12.9	18	86	N/A -
063457	100	47	12.9	18	105	N/A -
063460	500	75	19	25	177	N/A -
063461	1000	97.5	21.5	28	223.5	N/A -
063462	2000	120	21.5	28	264	N/A -
063463	3000	138	23.8	32	300	N/A -

Caps for LDPE bottles with narrow neck

		Dropper, LDE, with natural tip	
For bottles with a vol. of (ml)	Thread	Cat. No.	€
10/20/30	14	063282	N/A -
50	18	063281	N/A -
100	18	063281	N/A -
200	18	063281	N/A -
250	25	063280	N/A -
500	25	063280	N/A -

LDPE short neck bottles

- Slender and tall shape
- Waterproof
- To be completed with a suction cap or suction rod (to be ordered separately)



Cat. No.	Vol. (ml)	Body Ø (mm)	Inn. neck Ø (mm)	Thread	Height (mm)	€
063201	50	36.5	12.9	18	82	N/A -
063202	100	44.5	12.9	18	98.5	N/A -
063203	250	60	19	25	127.5	N/A -

Caps for LDPE short-necked bottles

		Cap with suction rod	
For bottles with a volume of (ml)	Thread	Cat. No.	€
100	18	063309	N/A -
250	25	063238	N/A -
1000	28	063239	N/A -

WASHING BOTTLES - THE BASICS - In polypropylene, wide and narrow neck

Azlon® Washing bottles with wide neck

- Made of polypropylene
- Volume: 500 ml
- Wide neck
- Autoclavable up to +121 °C (do not autoclave if solvent/reagent or other liquids remain)
- White cap without anti-drip system
- Always autoclave the cap separately

DWK LIFE SCIENCES



Cat. No.	Description	€ 5 units
233079	500 ml autoclavable polypropylene washing bottle	N/A -

Nalgene™ Washing bottles 500 ml autoclavable

- Polypropylene copolymer bottle
- Polypropylene screw cap
- Marked "autoclavable"

Thermo SCIENTIFIC | NALGENE



Cat. No.	Capacity (ml)	Cap Ø (mm)	Units/ bag	€/ bag
028904	500	28	6	N/A -
028905	1000	38-430	4	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

WASHING BOTTLES - THE BASICS - In PTFE, narrow neck

Nalgene™ PTFE Washing bottles



- PTFE bottle
- Tefzel cap and rod
- Waterproof
- Autoclavable

Thermo SCIENTIFIC NALGENE

Cat. No.	Volume (ml)	Units/ box	€/ box
028900	125	4	N/A -
028901	250	4	N/A -
028902	500	4	N/A -
028903	1000	2	N/A -

WASHING BOTTLES - THE BASICS - In FLPE, narrow neck

Nalgene™ Washing bottles fluorinated for solvents



- In FLPE, low permeability
- A non-metallic vent keeps the solvent in the bottle
- Watertight, anti-drip system
- Excellent chemical resistance with most organic solvents
- Operating temperature range: o °C to +90 °C

Thermo SCIENTIFIC NALGENE

Cat. No.	Volume (ml)	Cap Ø (mm)	Units/ bag	€/ bag
028909	500	53	2	N/A -

WASHING BOTTLES - INTEGRAL - In low density polyethylene

Nalgene™ Washing bottles with wide neck and side spout



- LDPE body
- Polypropylene cap
- One-piece moulded rod and body
- Waterproof

Thermo SCIENTIFIC NALGENE

Cat. No.	Volume (ml)	Units/ box	€/ box
028895	125	6	N/A -
028896	250	4	N/A -
028897	500	4	N/A -
028898	750	4	N/A -
028899	1000	2	N/A -

Nalgene™ Safety Red Washing bottles



- In LDPE
- Red

Thermo SCIENTIFIC NALGENE

Cat. No.	Volume (ml)	Neck	Colours	Units/ bag	€/ bag
029874	250	Wide	Red	4	N/A -
029875	500	Wide	Red	4	N/A -

Nalgene™ Washing bottles 500 ml with lateral spout and colour cap



- LDPE bottle
- Polypropylene screw cap
- Supplied in sets of 4: red, blue, white, yellow
- Waterproof

Thermo SCIENTIFIC NALGENE

Cat. No.	Description	Capacity (ml)	Units/ bag	€/ bag
028914	LDPE washing bottle, mixed colours	500	4	N/A -

"Integral" Washing bottles



- Made of polyethylene
- With tube attached to the botlle
- Perfectly sealed and loss-free
- Standardised cap interchangeable with bottle series 391278-391289
- Oval shape for easy grip and increased stability

Cat. No.	DIN STD	Volume (ml)	Height (mm)	Units/ box	€/ box
391314	GL32	250	140	10	N/A -
391315	GL32	500	178	10	N/A -

SCREEN-PRINTED WASHING BOTTLES - THE BASICS - In low density polyethylene, wide neck

Azlon® LDPE screen-printed Washing bottles with wide neck

Multilingual screen printing with the names of commonly used solvents.

- **International product identification symbols**
- **One-piece moulded cap and spout: perfect seal**
- **Recycling code and volume moulded on the base**



Vol. (ml)	Red	Orange	Blue	Green	White	White	White	Yellow*	€ 5 units
Label	Acetone	Ethanol	Isopropanol	Methanol	Water	Distilled water	Deionised water	Sodium**	
250	001357	001360	001359	001358	001356	001366	001368	-	N/A -
500	001362	001365	001364	001363	001361	001367	001369	785316*	N/A -

*opaque white body ** Sodium hypochlorite

Printed washing bottles with wide neck

- **Natural LDPE**
- **Rounded**
- **With hazard symbol**
- **Printouts of the substances contained in German, English and French**
- **Can be emptied completely even when turned upside down thanks to the height-adjustable expansion tube**



		Acetone	Ethanol	Isopro-panol	Methanol	Distilled water	
Vol. (ml)	Ø neck (mm)	Red Cap	Green Cap	Yellow. cap	Orange cap	Blue cap	€
250	40	063441	063437	063438	063439	063440	N/A -
500	50	063446	063442	-	063444	-	N/A -

VITsafe LDPE safety washing bottles

- **Printed according to EC 1272/2008**
- **Marking of hazard pictograms according to the GHS (Globally Harmonized System) standard**
- **New standard mandatory from 1 December 2010 for substances and from 1 July 2015 for mixtures**
- **Replacement of squares on orange background by red diamonds on white background**
- **Wide neck: GL 45 thread for (250 and 500 ml) and GL 63 (1000 ml)**
- **Volume 250 ml, 500 ml or 1 l**



		250 ml		500 ml		1000 ml	
Printing	Material	Cat. No.	€	Cat. No.	€	Cat. No.	€
Methanol	LDPE	069215	N/A -	069216	N/A -	069223	N/A -
Ethyl acetate	LDPE	069204	N/A -	069205	N/A -	069219	N/A -
Acetonitrile	LDPE	-	-	069206	N/A -	-	-
Acetic acid	LDPE	-	-	069207	N/A -	-	-
Distilled water	LDPE	069209	N/A -	069210	N/A -	069220	N/A -
Ethanol	LDPE	069211	N/A -	069212	N/A -	069221	N/A -
Isopropanol	LDPE	069213	N/A -	069214	N/A -	069222	N/A -
Dichloromethane	LDPE	-	-	068992	N/A -	-	-
NN dimethylformamide	LDPE	-	-	068994	N/A -	-	-
Xylène	LDPE	-	-	068995	N/A -	-	-
AN-heptane	LDPE	-	-	069228	N/A -	-	-
N-hexane	LDPE	-	-	069229	N/A -	-	-
Tetrahydrofuran	LDPE	-	-	069230	N/A -	-	-
Toluene	LDPE	-	-	069231	N/A -	-	-



All prices are indicative and exclude VAT. Visit www.dulis.nl

SCREEN-PRINTED WASHING BOTTLES - THE BASICS - In low density polyethylene, wide neck

DWK LIFE SCIENCES

Azlon® Safety washing bottles





- DripLok® Valve: prevents washing bottle from driping
- In low density polyethylene LDPE or polypropylene
- Coloured polypropylene cap moulded in one piece with the spout, with an internal lip, perfect seal
- Available in version with anti-drip system

Multilingual LDPE safety washing bottles with wide neck, and non-drip system

Languages	Vol. (ml)	Red cap	Orange cap	Blue cap	Green cap	Yellow cap	Units/ box	€/ box
	Label	Acetone	Ethanol	Isopropanol	Methanol	IMS		
A	250	**090410**	**090411**	**090412**	**090413**	**232785**	5	**N/A -**
A	500	**090415**	**090416**	**090417**	**090418**	**232787**	5	**N/A -**
B	500	**233082**	**233085**	**233084**	**233083**	**-**	5	**N/A -**
C	500	**233086**	**233089**	**233088**	**233087**	**-**	5	**N/A -**

A: German, French, English / B: Russian, Polish, German, English
C: Arabic, French, English

Coloured polypropylene caps with spout for washing bottles with wide neck and anti-drip system

White	Red	Yellow	Green	Blue	Orange	Units/ box	€/ box
233073	**233074**	**233075**	**233076**	**233077**	**233078**	5	**N/A -**

Accessory

Cat. No.	Description	€ 2 units
233071	Black permanent marker for marking of washing bottles	**N/A -**

Customisable safety LDPE washing bottles

- Delivered with 5 sheets of the main safety pictograms

Neck	Vol. (ml)	White cap	Units/ box	€/ box	Assorted caps	Units/ box	€/ box
Without Anti-drip system	250	**090414**	5	**N/A -**	-	-	-
	500	**090419**	5	**N/A -**	**233072**	5	**N/A -**
	1000	**090420**	5	**N/A -**	-	-	-
With Anti-drip system	250	**001681**	5	**N/A -**	-	-	-
	500	**001683**	5	**N/A -**	-	-	-
	1000	**001684**	5	**N/A -**	-	-	-

SCREEN-PRINTED WASHING BOTTLES - THE BASICS- In low density polyethylene, narrow neck

Thermo SCIENTIFIC NALGENE

Nalgene™ LDPE screen-printed Washing bottles with narrow neck



- Screen printed with the names of commonly used solvents
- International product identification symbols
- Vented

Cat. No.	Colours	Marking	Volume (ml)	Units/ box	€/ box
922814	White	Ethanol	500	6	**N/A -**
922815	Green	Methanol	500	6	**N/A -**
922816	Yellow	Isopropanol	500	6	**N/A -**
922817	Natural	Distilled water	500	6	**N/A -**
922818	White	Sodium hypochlorite	500	6	**N/A -**
922819	Natural	Deionised water	500	6	**N/A -**

SCREEN-PRINTED WASHING BOTTLES - THE BASICS- In low density polyethylene, narrow neck

VITsafe LDPE safety washing bottles

- Printed according to EC 1272/2008
- Marking of hazard pictograms according to the GHS (Globally Harmonized System) standard
- New standard mandatory from 1 December 2010 for substances and from 1 July 2015 for mixtures
- Replacement of squares on orange background by red diamonds on white background
- Narrow neck: GL 25 thread for (250 and 500 ml) and GL 32 (1000 ml)
- Volume 250 ml, 500 ml or 1 l



		250 ml		500 ml		1000 ml	
Printing	Material	Cat. No.	€	Cat. No.	€	Cat. No.	€
Methanol	LDPE	068993	N/A -	068981	N/A -	069203	N/A -
Ethyl acetate	LDPE	068982	N/A -	068983	N/A -	068996	N/A -
Acetonitrile	LDPE	-	-	068984	N/A -	-	-
Acetic acid	LDPE	-	-	068985	N/A -	-	-
Distilled water	LDPE	068986	N/A -	068987	N/A -	068997	N/A -
Ethanol	LDPE	068988	N/A -	068989	N/A -	068998	N/A -
Isopropanol	LDPE	068990	N/A -	068991	N/A -	068999	N/A -
Dichloromethane	LDPE	-	-	068992	N/A -	-	-
NN dimethylformamide	LDPE	-	-	068994	N/A -	-	-
Xylène	LDPE	-	-	068995	N/A -	-	-
AN-heptane	LDPE	-	-	069228	N/A -	-	-
N-hexane	LDPE	-	-	069229	N/A -	-	-
Tetrahydrofuran	LDPE	-	-	069230	N/A -	-	-
Toluene	LDPE	-	-	069231	N/A -	-	-



Azlon® Washing bottles

Narrower and therefore more grippable.

- 2 versions: with or without marking
- Indelible marking with CAS number
- With coloured neck
- In LDPE With polypropylene cap



	Acetone	Ethanol	Isopro-panol	Metha-nol	IMS	Distilled water	Water		
Vol. (ml)	Cap. Red	Orange cap	Blue cap	Green cap	Yellow cap	White cap	White cap	Units/ box	€/ box
250	761701	761704	761703	761702	-	761710	761700	1	N/A -
250	-	-	-	-	785621	-	-	5	N/A -
500	761706	761709	761708	761707	-	761711	761705	1	N/A -
500	761676	090914	-	761677	785622	-	-	5	N/A -

Azlon® LDPE printed washing bottles

- Labelled washing bottles for easy identification of contents
- Indelible print including a selection of seven widely used laboratory solvents with appropriate hazard and CAS numbers
- Their slim, elongated shape allows for easy handling
- Colour-coded polypropylene caps and spouts
- Spouts have a fine and precise opening for perfect control of the spray



Cat. No.	Volume (ml)	Label	Colour cap	€
761710	250	Distilled water	White	N/A -
761711	500	Distilled water	White	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

SCREEN-PRINTED WASHING BOTTLES - THE BASICS - In polyethylene, wide and narrow neck

Azlon® Safety washing bottles



Multilingual polypropylene safety washing bottles with wide neck, without drip stop

- Safety markings in English, French, German and Spanish
- Not autoclavable

Volume (ml)	White cap	Green cap	Units/ box	€/ box
	Dichloromethane	Methylethylketone		
500	233080	233081	5	N/A -

Coloured polypropylene caps with spout for wide-necked washing bottles, with anti-drip system

White	Red	Yellow	Green	Blue	Orange	Units/ box	€/ box
233073	233074	233075	233076	233077	233078	5	N/A -

Accessory

Cat. No.	Description	€ 2 units
233071	Black permanent marker for marking of washing bottles	N/A -

VITsafe Polypropylene Safety washing bottles



- Printed according to EC 1272/2008
- Marking of hazard pictograms according to the GHS (Globally Harmonized System) standard
- New standard mandatory from 1 December 2010 for substances and from 1 July 2015 for mixtures
- Replacement of squares on orange background by red diamonds on white background
- Narrow neck: GL 25 thread for (250 and 500 ml) and GL 32 (1000 ml)
- Wide neck: GL 45 thread for (250 and 500 ml) and GL 63 (1000 ml)
- Volume 250 ml, 500 ml or 1 l



		Narrow neck		Wide neck		Narrow neck		Wide neck		Wide neck	
		250 ml				500 ml				1000 ml	
Printing	Material	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
Acetone	PP	069224	N/A -	069233	N/A -	069225	N/A -	-	-	069241	N/A -
Methylethylketone	PP	-	-	-	-	069227	N/A -	069236	N/A -	-	-

SCREEN-PRINTED WASHING BOTTLES - THE BASICS - In FEP, wide neck

Pissettes de sécurité FEP Nalgene™FEP Safety Washing bottles



- Transparent FEP washing bottles, ETFE caps
- Permanent marking with safety information GHS (Globally Harmonized System)
- Capacity: 500 ml
- Non Vented
- Autoclavable



Cat. No.	Printing	€
128348	Acetone	N/A -
128349	Toluene (Methylbenzene)	N/A -
128350	N-hexane	N/A -
128351	Methylene Chloride (Dichloromethane)	N/A -
128352	Xylene	N/A -
128353	Methylethylketone (2-butanone)	N/A -

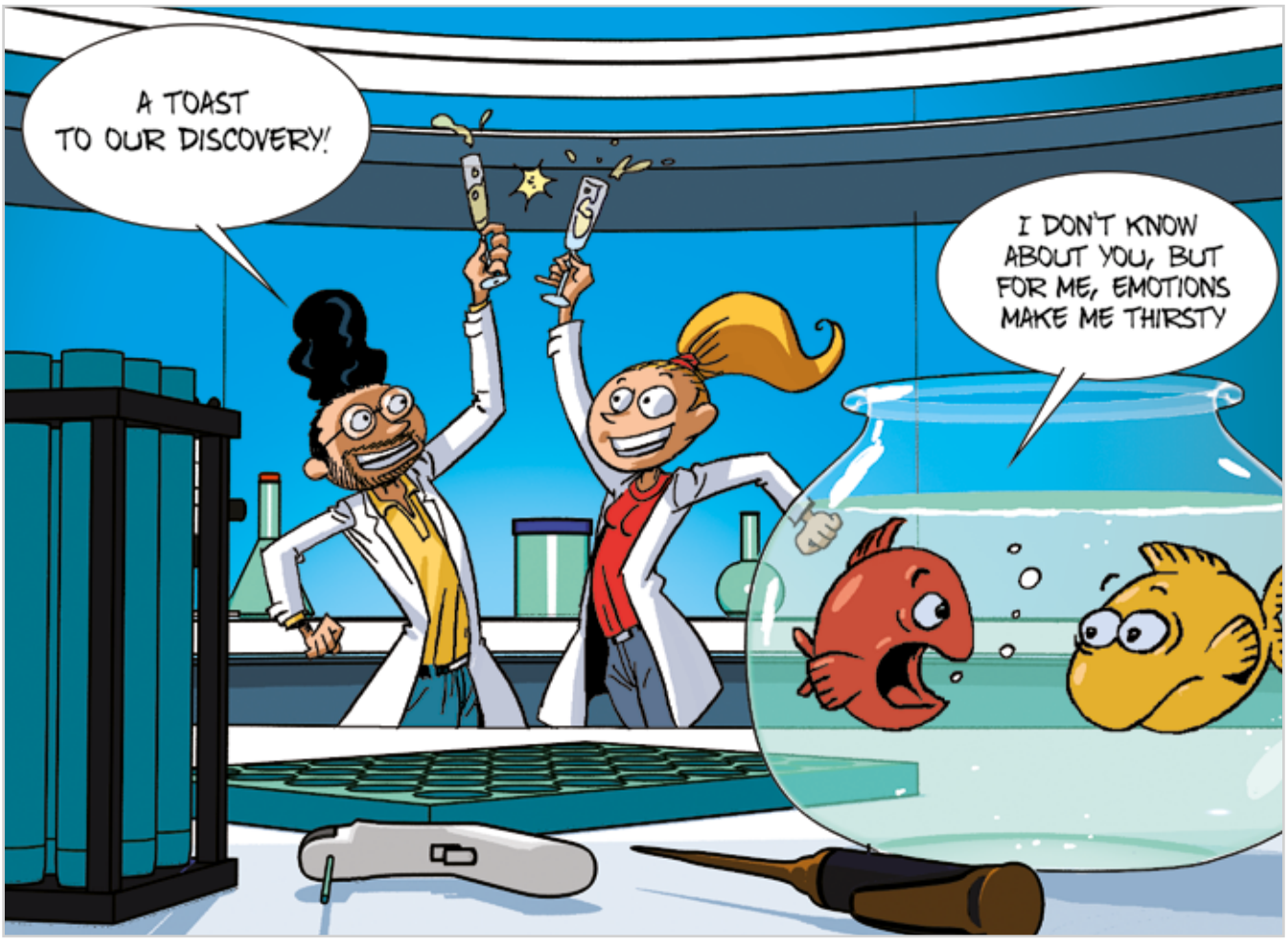
SCREEN-PRINTED WASHING BOTTLES - THE INTEGRAL - In low density polyethylene

Azlon® Round Integral Washing bottles 500 ml

- Multilingual washing bottles with wide neck
- In LDPE
- Five solvent labels incorporating chemical formulas and CAS numbers, new symbols from the Globally Harmonised System, NFPA diamond, hazard statements and safety instructions
- One-piece colour-coded polypropylene vented cap
- Built-in spout with fine end avoiding contamination
- Moulded gradations



	Water Distilled	Acetone	Methanol	Isopropyl alcohol	Ethanol	Mixed marking assortment
	White	Red	Green	Blue	Orange	
Cat. No.	785334	785335	785336	785337	785338	785333
Units/bag	5	5	5	5	5	5
€/ bag	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Spray bottles

Polypropylene sprayers



- Adjustable spraying
- Projection radius of 3 to 4 m
- Suitable for disinfectants, inaccessible areas and thin layer chromatography

Cat. No.	Volume (ml)	Colour	Units/ box	€/ box
068673	400	White	5	N/A -
068674	850	White	5	N/A -
068675	1000	Transparent	5	N/A -

Spray bottles



- Product contact parts in PP, PE and stainless steel
- Nozzle diameter 0.6 mm, adjustable nozzle without bearing
- Spray volume per pressure: 1.2 ml ± 0.1

Cat. No.	Capacity (ml)	Height with cap (mm)	Internal Neck Ø (mm)	€/ unit
670881	250	220	19	N/A -
670882	500	240	19	N/A -
670883	1000	295	19	N/A -

Spray tips

Spray tips for washing bottles



- Made of polypropylene
- Stainless steel spring-action pump in the trigger
- Opening Ø: 28 mm (Ø: 53 mm with adapter)
- Adjustable spraying

Cat. No.	Description	Units/ box	€/ box
947839	Spray tips for spray bottles with adapter	2	N/A -

Bottles with pumps

Dispenser bottle



- Material: high density polyethylene and polypropylene
- Suitable for dispensing liquids

Cat. No.	Volume (ml)	Diameter (mm)	Height (mm)	Neck Ø (mm)	Units/ box	€/ box
391303	500	77	229	22.5	5	N/A -

Spray bottles

Spray bottles with atomizer



- Contents visible thanks to the transparency of the bottle
- Protective cap prevents unintentional operation of the pump

Cat. No.	Capacity (ml)	Ø (mm)	Height with cap (mm)	€
670884	20	28	85	N/A -
670885	50	35	110	N/A -
670886	100	37	161	N/A -
670887	250	50	222	N/A -



Find pressure sprayers on dulis.nl

Dropper bottles, polypropylene

Nalgene™ Dropper bottles

Thermo SCIENTIFIC NALGENE

- In autoclavable polypropylene with blue cap in autoclavable polypropylene

Cat. No.	Volume (ml)	Units/ box	€/ box
029482	125	6	N/A -
029483	250	6	N/A -



Dropper bottles, high density polyethylene

HDPE dropper bottles

- Re-sealable when the dropper tip is cut off
- Stable and manageable shape
- Bottle delivered without cap

Cat. No.	Volume (ml)	Body Ø (mm)	Inn. neck Ø (mm)	Out. Thread Ø (mm)	H. without cap (mm)	€
063436	10	24	12.7	18	50	N/A -
063419	25	31.3	12.7	18	64.5	N/A -
063328	50	40	12.7	18	77	N/A -

HDPE combination cap

Cat. No.	For volume bottle (ml)	Internal Thread (mm)	€
063332	10/25/50	18	N/A -



HDPE Cylindrical bottles

- Natural
- Supplied without cap, to be ordered separately)

Cat. No.	Volume (ml)	Body size (mm)	Inn. neck Ø (mm)	Out. Thread Ø (mm)	H. without cap (mm)	€
063317	50	32	17	22	86	N/A -
063284	100	41	17	22	108.5	N/A -
063285	250	56	17	22	135.5	N/A -
063286	500	70	19.4	25	173	N/A -

Screw caps with hinged cap

Cat. No.	Description	€
063295	For 50/100/250 ml bottle, thread 22	N/A -
063288	For 500/1000 ml bottle, thread 25	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Dropper bottles, low density polyethylene

Nalgene™ Dropper bottles 4 to 15 ml






- In natural or white polyethylene
- With white cap or 5 assorted colours: white, green, red, yellow, blue
- White polyethylene bottles are designed for light-sensitive samples

Volume (ml)	LDPE bottle White LDPE cap LDPE tip Cat. No.	€ 25 units	White LDPE bottle White LDPE cap LDPE tip Cat. No.	€ 25 units	LDPE bottle Assorted PP caps LDPE tip Cat. No.	€ 25 units	White LDPE bottle PP assorted caps LDPE tip Cat. No.	€ 25 units
4	029470	N/A -	029286	N/A -	029474	N/A -	-	-
8	029469	N/A -	029471	N/A -	029472	N/A -	-	-
15	029372	N/A -	029287	N/A -	029473	N/A -	029476	N/A -

Wheaton® Dropper bottles







- In LDPE
- Polypropylene dropper tip and cap in
- Deliver one drop at a time
- Drop volume: 41 µl +/- 5 µl
- Natural or White bottles
- White colour protects UV-sensitive samples

Find caps, dropper tips and accessories on www.dulis.nl

Complete with dropper and caps

Units/ bag	Units/ box	Vol. (ml)	Ø x H (mm)	Cap	Complete bottles Natural Cat. No.	€/ box	Complete bottles White Cat. No.	€/ box
12	144	3	14 x 49	8-425	048109	N/A -	048101	N/A -
12	144	6	17 x 58	13-425	048110	N/A -	048102	N/A -
12	144	7	19 x 63	15-415	048111	N/A -	048103	N/A -
12	144	15	25 x 78	15-415	048112	N/A -	048104	N/A -
12	144	30	32 x 85	20-410	048113	N/A -	048105	N/A -
12	144	60	39 x 101	20-410	048114	N/A -	048106	N/A -

Bottles only

Vol. (ml)	Cap	Bottles only White Cat. No.	Units/ box	€/ box	Bottles only Natural Cat. No.	Units/ box	€/ box	Bottles only Natural Cat. No.	Units/ box	€/ box
3	8-425	048117	100	N/A -	048126	100	N/A -	048135	1000	N/A -
6	13-425	048118	100	N/A -	048127	100	N/A -	048136	1000	N/A -
7	15-415	048119	100	N/A -	048128	100	N/A -	048137	1000	N/A -
10	15-415	048120	100	N/A -	048129	100	N/A -	048138	1000	N/A -
15	15-415	048121	100	N/A -	048130	100	N/A -	048139	1000	N/A -
30	20-410	048122	100	N/A -	048131	100	N/A -	048140	1000	N/A -
60	20-410	048123	100	N/A -	048132	100	N/A -	-	-	-

Nalgene™ Dropper bottles



- Natural polyethylene with polypropylene cap and plug

Cat. No.	Volume (ml)	Cap	Units/ bag	Units/ box	€/ bag
029477	15	20	12	72	N/A -
029478	30	20	12	72	N/A -
029479	60	20	12	48	N/A -
029480	125	24	12	48	N/A -
029481	250	24	6	36	N/A -

LDPE narrow neck bottles

- In LDPE
- Narrow neck
- Flexible
- Waterproof
- Bottles supplied with caps
- Can be completed with a dropper cap or a washing bottle rod



Cat. No.	Vol. (ml)	Body Ø (mm)	Inn. neck Ø (mm)	Thread	Height (mm)	€
063455	30	33.5	9.2	14	68.5	N/A -
063456	50	37.5	12.9	18	86	N/A -
063457	100	47	12.9	18	105	N/A -
063460	500	75	19	25	177	N/A -
063461	1000	97.5	21.5	28	223.5	N/A -
063462	2000	120	21.5	28	264	N/A -
063463	3000	138	23.8	32	300	N/A -

Caps for LDPE bottles with narrow neck

		Dropper, LDE, with natural tip		Safety cap, PVC, red	
For bottles with a vol. of (ml)	Thread	Cat. No.	€	Cat. No.	€
10/20/30	14	063282	N/A -	063297	N/A -
50	18	063281	N/A -	063297	N/A -
100	18	063281	N/A -	063297	N/A -
200	18	063281	N/A -	063297	N/A -
250	25	063280	N/A -	063297	N/A -
500	25	063280	N/A -	063297	N/A -
1000	28	-	-	063297	N/A -
2000	28	-	-	063297	N/A -
3000	32	-	-	063297	N/A -

LDPE short neck bottles

- Slender and tall shape
- Waterproof
- To be completed with a suction cap or suction rod (to be ordered separately)



Cat. No.	Vol. (ml)	Body Ø (mm)	Inn. neck Ø (mm)	Thread	Height (mm)	€
063201	50	36.5	12.9	18	82	N/A -
063202	100	44.5	12.9	18	98.5	N/A -
063203	250	60	19	25	127.5	N/A -

Caps for LDPE bottles with narrow neck

		Dropper, LDE, with natural tip		Safety cap, PVC, red	
For bottles with a vol. of (ml)	Thread	Cat. No.	€	Cat. No.	€
50	18	063281	N/A -	063297	N/A -
100	18	063281	N/A -	063297	N/A -
250	25	063280	N/A -	063297	N/A -
500	25	063280	N/A -	063297	N/A -
1000	28	-	-	063297	N/A -

Azlon®LDPE dropper bottles with swivel spout

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Cat. No.	Capacity (ml)	Height (mm)	Out. Diam. (mm)	Units/ box	€/ box
232530	30	66	32	10	N/A -
232531	60	79	40	10	N/A -
232532	150	120	59	10	N/A -
232533	250	145	59	10	N/A -
232534	500	174	74	10	N/A -

- Round Dropper bottles
- In LDPE
- Cap with swivel spout (may or may not block the bottle)
- Can be used as a dropper or a washing bottles
- Perfect gel dispensers
- Good chemical resistance



All prices are indicative and exclude VAT. Visit www.dulis.nl

Wheaton® HDPE 6 ml scintillation vial



- 6 ml vial
- Quarter-turn cap
- High density polyethylene

Cat. No.	Capacity (ml)	Ø x H (mm)	Cap	Units/ box	€/ box
048456	6	15 x 57	Normal	1000	N/A -

20 ml PE scintillation vials



Counting flaks made of high density polyethylene. Packaged in trays of 100 vials, with alphanumeric index.

- No background noise
- Low permeability to organic solvents

Types of cap seal:

- Cork: not recommended with strong acids and bases.
- Expanded PEL: recommended with strong acids and bases.
- Polyseal cone: excellent sealing for all types of samples.

Cat. No.	Seal	Cap	Pack unit.	Units/ box	€/ box
045299	Cork - aluminium	Urea - Mounted	100	500	N/A -
065300	Cork - aluminium	Urea - Not Mounted	100	500	N/A -
045301	Expanded polyethylene foam PP - Not mounted		100	500	N/A -
065302	Polyseal Cone	Urea - Not mounted	100	500	N/A -

7 ml PE scintillation vials



- Polyethylene counting vial
- Can be used alone or in the glass support flask
- Polyethylene screw cap
- ø x H: 17 x 57 mm

Cat. No.	Description	Pack unit.	Units/ box	€/ box
065303	Scintillation vial 7 ml	1000	1000	N/A -
045304	Scintillation vial 7 ml	Tray of 250	1000	N/A -

7 ml and 20 ml scintillation vials and tubes



Rigid linear polyethylene counting flasks.

- Very low background noise
- Low solvent permeability
- Non-deformable

Cat. No.	Volume (ml)	Dimensions (mm)	Cap	Units/ box	€/ box
031000	20	27 x 60	With external screw	1000	N/A -
031001	7	15 x 57	Internal Cap	1000	N/A -

Simport® Snap Twist 6.5 ml and 20 ml scintillation vials





Polypropylene counting vials for 6.5 ml and 20 ml volumes of scintillation liquid. The Snap Twist cap system allows the tube to be closed by simply pressing and allows the tube to be opened by unscrewing a quarter turn. Watertight closure.

Cat. No.	Tube	Cap	Volume (ml)	ø x h (mm)	Neck ø (mm)	Presentation	Units/ box	€/ box
039231	Polyethylene	Polypropylene	6.5	16 x 57	12.5	Bulk	1000	N/A -
039232	Polypropylene	Polyethylene	6.5	16 x 57	12.5	Bulk	1000	N/A -
039233	Polypropylene	Polyethylene	20	26 x 61	23	Bulk	500	N/A -
039234	Polypropylene	Polyethylene	20	26 x 61	23	Tray of 100	500	N/A -

20 ml PET scintillation vials

- 20 ml vials
- Resistant
- Light
- Transparent
- Screw caps attached
- Size of mounted cap: 27 x 61 mm

Cat. No.	Composition of the cap	Seal Cap	Cap	Units/ box	€/ box
048451	Polypropylene	Metal	22-400	500	N/A -
048452	Polyethylene	Without seal	22-400	500	N/A -
048453	Urea	Poly-seal Cone	22-400	500	N/A -



Racks for 50 scintillation vials

Rack with 50 slots.

- For 20 ml tubes, max. diameter 28 mm
- Made of polypropylene
- With drainage hole under each slot
- Dimensions: 33 x 17 x 3 cm

Cat. No.	Description	€
048457	Rack for 5 x 10 scintillation vials 20 ml	N/A -



(Delivered without vial)

Racks for 48 scintillation vials

Rack with 48 slots.

- Max. Diameter 15 mm
- Made of polypropylene
- Dimensions: 26.6 x 9.4 x 2.8 cm

Cat. No.	Description	€
048458	Rack for 4 x 12 vials	N/A -



(Delivered without vial)

Rack for scintillation vials from ø 13 to 17 mm

- For 90 samples
- Dimensions: 32 x 17 x 3 cm

Cat. No.	Description	€
048459	Rack for 6 x 15 vials	N/A -



(Delivered without vial)

All prices are indicative and exclude VAT. Visit www.dulis.nl

Sampling pots with screw cap, without label, made of polystyrene

Sampling pots with metal lid



- In polystyrene, with metal cap and high sterility seal
- CE marking in accordance with the Directive on Medical Devices for in vitro diagnosis (98/79/EC)
- Aseptic
- 60 ml pots guaranteed 95 kPa

Volume (ml)	Ø x H (mm)	Cat. No.	Units/ box	€/ box
60	44 x 61	**999125**	300	**N/A -**
100	50 x 76	**761608**	200	**N/A -**
250	65 x 121	**030315**	50	**N/A -**
250	65 x 121	**761616***	50	**N/A -**

* On a tray

Aseptic Bijou bottle 7 ml with screw cap



Flat-bottomed polystyrene tube with screw cap.

- Volume: 7 ml
- Aseptic
- ø x H: 17 x 50 mm
- White screw cap

Cat. No.	Description	Units/ box	€/ box
080170	Tube standard	700	**N/A -**

Universal skirted containers 30 ml Sterilin



- With polypropylene screw caps and high sterility seal
- Conical skirted bottom
- Can be centrifuged at 3889 g
- 30 ml tubes guaranteed 95 kPa
- ø x H: 24.5 x 89 mm
- CE marking in accordance with the Directive on Medical Devices for In Vitro Diagnostics (98/79/EC)

CE

Cat. No.	Sterile	Units/ box	€/ box
080004	No	400	**N/A -**
080005	Yes	400	**N/A -**

Wheaton®Universal flasks



- Watertight closure.
- Dimensions ø x H: 30.5 x 93.5 mm
- Volume: 30 ml
- Sterile

Cat. No.	Packaging	€
055731	8 bags of 50	**N/A -**

Wheaton®7 ml polystyrene bijou bottle



- Ideal for low volumes
- Virgin medical grade polystyrene
- Watertight safety cap
- Sterilised with ethylene oxide
- CE marking in accordance with the European Directive 98/79/EC

Cat. No.	Volume (ml)	Ø x H (mm)	Sterile	Units/ box	€/ box
442709	7	22 x 50.2	Yes	700	**N/A -**

Wheaton®Polystyrene flasks





- Collection, storage and transport
- Virgin medical grade polystyrene
- Metal cap with seal
- Sterilised with ethylene oxide
- CE marking in accordance with the European Directive 98/79/EC

Cat. No.	Vol. (ml)	Ø x H (mm)	Cap	Units/ bag	Units/ box	€/ box
055742	60	44.2 x 60.2	Made of metal	50	300	**N/A -**
440267	60	44.2 x 60.2	Made of plastic	50	300	**N/A -**
055748	100	49.9 x 75.8	Metal with seal	40	200	**N/A -**
055750	150	54.9 x 109.5	Metal with seal	30	120	**N/A -**
055754	250	63.4 x 121.2	Metal with seal	25	50	**N/A -**

Sampling pots with screw cap, without label, made of polystyrene

ClearLine®screw containers

- Crystal polystyrene or natural polypropylene containers, single use
- HDPE screw caps, white or red
- Available aseptic (white cap) or sterile E-beam irradiated at 10 kGy (red cap)
- Traceability: labels with Cat. No, barcode and batch number
- Operating temperature: PS: -40 °C to +65 °C / PP: -40 °C to +85 °C
- Suitable for food contact (CE n°1935/2004)

Nominal volume (ml)	Max. working vol. (ml)	Ø x h (mm)	Material	Weight (g) with/ without cap	Units/ box		White Aseptic cap	Red cap, irradiated sterile
160	155	58 x 69	PS	31.7 / 19	360	Cat. No.	076050	076051
						€/box	N/A -	N/A -
220	205	58 x 95	PS	37.2 / 24.5	300	Cat. No.	076054	076055
						€/box	N/A -	N/A -


076050

Sampling pots with Screw cap

Polystyrene pots, aseptic

- Straight polystyrene pots
- With waterproof screw caps
- Sterile by ionisation or aseptic

Colours Cap		Red	White	Blue			
Vol. (ml)	H x Ø (mm)	Cat. No.	Cat. No.	Cat. No.	Pack unit.	Units/ box	€/ box
140	70 x 55	080812	-	-	270	270	N/A -
150	60 x 70	030305	030304*	-	200	200	N/A -
200	85 x 66	-	-	391421	500	500	N/A -

* Polystyrene/polypropylene mix flask



Polystyrene pots, Sterile

		Red cap			
Vol. (ml)	H x Ø (mm)	Cat. No.	Pack unit.	Units/ box	€/ box
200	85 x 66	391422	1	200	N/A -
200	100 x 55	076024	162	162	N/A -

Screw cap sample bottles

- Crystal polystyrene flasks with screw cap
- Non-sterile
- Universal use
- Bulk packaging

Cat. No.	Volume (ml)	Ø x H (mm)	Neck ø (mm)	Units/ box	€/ box
798574	30	29.3 x 46.1	35	200	N/A -
798582	120	38.9 x 69.2	45	100	N/A -
798586	230	56.5 x 78.8	62	100	N/A -
798590	350	66.2 x 86.2	73	100	N/A -





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Sampling pots with screw cap, without label, made of polypropylene

Corning® Gosselin™ Sampling pots with screw cap



- Straight polystyrene or polypropylene pots
- With waterproof screw caps
- Sterile by ionisation or aseptic

CORNING

Polypropylene pots , aseptic

Colours Cap		Red	White	Blue	Green			
Vol. (ml)	H x Ø (mm)	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Pack unit.	Units/ box	€/ box
30	38 x 35	-	-	391410	-	600	600	N/A -
40	70 x 30	688252	030400B	688251	688253	100	1000	N/A -
60	65 x 38	-	-	391414B	-	500	500	N/A -
60	70 x 33	688261	688262	688260	-	70	700	N/A -
100	70 x 56	-	724202	-	-	300	300	N/A -
125	74 x 52	688274	688275	688273	688289	380	380	N/A -
180	102 x 52	688282	030406B	688281	688283	264	264	N/A -
200	100 x 55	080833	-	-	-	162	162	N/A -

Polypropylene containers, sterile

Colours Cap		Red	White	Blue	Green			
Vol. (ml)	H x Ø (mm)	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Pack unit.	Units/ box	€/ box
40	70 x 30	688245	-	-	-	1	100	N/A -
40	70 x 30	688249	688250	-	-	100	1000	N/A -
60	70 x 33	688246	-	-	-	1	100	N/A -
60	70 x 33	688267	-	-	-	1	500	N/A -
60	70 x 33	688258	-	688257	688259	70	700	N/A -
60	70 x 33	688268	-	-	-	30**	600	N/A -
100	67 x 52	688247	-	-	-	1	50	N/A -
125	74 x 52	688270	688271	688269	688272	380	380	N/A -
180	102 x 52	688248*	-	-	-	1	50	N/A -
180	102 x 52	688287	-	-	-	1	200	N/A -
180	102 x 52	688278	688279	688277	688280	264	264	N/A -

* In double peelable bags
** In a film set.

Sample container with metal lid



- Metal cap and high sterility seal
- CE marking in accordance with the Directive on Medical Devices for in vitro diagnosis (98/79/EC)
- Aseptic
- 60 ml jars guaranteed 95 kPa

Volume (ml)	Ø x H (mm)	Cat. No.	Units/ box	€/ box
250	63 x 119	761615*	50	N/A -

Sterilin Universal skirted container 30 ml



- With polypropylene screw caps and high sterility seal
- Conical skirted bottom
- Can be centrifuged at 3889 g
- 30 ml tubes guaranteed 95 kPa
- ø x H: 24.5 x 89 mm
- CE marking in accordance with the Directive on Medical Devices for In Vitro Diagnostics (98/79/EC)

CE

Cat. No.	Sterile	Units/ box	€/ box
761694	No	400	N/A -

30 ml container RNase and DNase free



- Polypropylene containers with conical bottom, skirted
- Manufactured in clean room
- Working volume: 25 ml
- Tamper-proof screw cap
- Tested at 95 kPa at room temperature
- Can be centrifuged up to 9500 g
- Lot number on each container

DNase RNase | Pyro-genic

Cat. No.	Description	Units/ bag	Units/ box	€/ box
999158	Non graduated container	50	400	291.83 -

Wheaton® Universal polypropylene pot 30 ml



- Watertight cap
- Medical grade quality
- For sample storage and in vitro use
- CE marking (European directive 98/79/EC)
- Sterile

CE

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Cat. No.	Description	Units/ bag	Units/ box	€/ box
440269	Universal polypropylene container 30 ml	50	400	N/A -

Sampling containers with screw cap, without label, made of polypropylene

ClearLine® screw containers

- Crystal polystyrene or natural polypropylene containers, single use
- HDPE screw caps, white or red
- Available aseptic (white cap) or sterile E-beam irradiated at 10 kGy (red cap)
- Traceability: labels with Cat. No, barcode and batch number
- Operating temperature: PS: -40 °C to +65 °C / PP: -40 °C to +85 °C
- Suitable for food contact (CE n°1935/2004)



Nominal volume (ml)	Useful volume max. (ml)	Ø x h (mm)	Material	Weight(g) with/without cap	Units/ box		White Aseptic cap	Red cap, irradiated sterile
160	150	57 x 68	PP	25 / 16	360	Cat. No.	076052	076053
						€/box	N/A -	N/A -
220	205	57 x 94	PP	30 / 21	300	Cat. No.	030306B	030307B
						€/box	N/A -	N/A -

Sterile Flasks, unit packaging

Sampling flasks.

- Red cap
- Made of polypropylene
- Sterile
- Packaged individually



Cat. No.	Volume (ml)	Ø x H (mm)	Units/ bag	Units/ box	€/ box
391411	30	35 x 38	1	400	N/A -
391413	60	35 x 70	1	400	N/A -
391415	60	35 x 65	1	400	N/A -
391418	150	62 x 73	1	250	N/A -

Polypropylene screw containers 150 ml



- Polypropylene, high transparency
- Perfectly sealed
- Volume: 150 ml, ø x H: 57 x 73 mm
- Graduated in 20 ml increments up to 100 ml

Cat. No.	Cap	Sterile	Units/ box	€/ box
349017B	Screwed cap	No	450	N/A -
349018	Separate cap	No	620	N/A -
349019B	Screwed cap	Yes (singe pack.)	350	N/A -

Urine Collection pot

- In transparent polypropylene
- Available as non-sterile or sterile in individual packaging
- Screw cap
- Volume: 30, 60 ml and 120 ml
- Frosted area for marking



Cat. No.	Volume (ml)	Cap colour	Sterile	Units/ box	€/ box
390977*	30	Red	No	700	N/A -
390976*	30	Red	Yes, indiv. pack.	500	N/A -
861083	60	White	No	600	N/A -
861084	60	Red	Yes, indiv. pack.	500	N/A -
861085	120	White	No	300	N/A -
861086	120	Red	Yes, indiv. pack.	250	N/A -

* Conical bottom

125 ml sampling pot

Volume (ml)	125	
Material	Polypropylene	
Bottom	Flat	
Cap	Yes, mounted (except Cat. No. 483051 Non-assembled)	
Sterile	No	Yes
Marking surface	Yes	
Cat. No.	**483051**	**483053**
Packaging unit	500	200
Units/box	500	200
€/box	**N/A -**	**N/A -**
Cat. No.	**483052**	**483054**
Packaging unit	200	1
Units/box	200	200
€/box	**N/A -**	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Sampling pots with screw cap, without label, made of polypropylene

Sampling pots

- High transparency
- Watertight closure.
- Precise gradations
- Unbreakable



Cat. No.	390141	390142	390143	390144	390145	390146	390147
Volume (ml)			30			30	
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Bottom	Conical	Conical	Conical	Conical	Conical	Conical	Conical
Cap	Yes, separate	Yes, separate	Yes	Yes	Yes	Yes	Yes
Sterile	No	No	No	No	Yes	No	Yes
Marking surface	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Packaging unit	700	700	700	700	700	1	1
Units/box	700	700	700	700	700	500	500
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Cat. No.	390130	390131	390132	390133	390134	390135	390136
Volume (ml)			60			60	
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Bottom	Flat	Flat	Flat	Flat	Flat	Flat	Flat
Cap	Yes, separate	Yes, separate	Yes	Yes	Yes	Yes	Yes
Sterile	No	No	No	No	Yes	No	Yes
Marking surface	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Packaging unit	500	500	600	600	600	1	1
Units/box	500	500	600	600	600	500	500
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



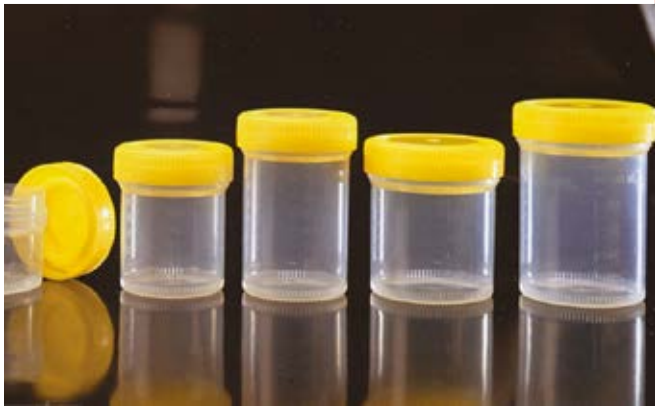
Cat. No.	390115	390116	390117	390118	390119	390120	390121
Volume (ml)			120			120	
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Bottom	Flat	Flat	Flat	Flat	Flat	Flat	Flat
Cap	Yes, separate	Yes, separate	Yes	Yes	Yes	Yes	Yes
Sterile	No	No	No	No	Yes	No	Yes
Marking surface	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Packaging unit	500	500	300	300	300	1	1
Units/box	500	500	300	300	300	250	250
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Sampling pots with screw cap, without label, made of polypropylene

Polypropylene containers 20 ml to 1 litre

- Graduated polypropylene containers, high security closure
- Yellow polyethylene screw cap with grooves for better grip (delivered separately in the box)

Cat. No.	Volume (ml)	Ø x H (mm)	Units/ box	€/ box
349000	20	34 x 43	1000	N/A -
349001	40	45 x 43	600	N/A -
349002	60	45 x 60	500	N/A -
349003	80	45 x 75	400	N/A -
349004	90	53 x 68	300	N/A -
349005	120	53 x 78	300	N/A -
349006	250	89 x 57	100	N/A -
349007	500	90 x 110	200	N/A -
349008	1000	111 x 139	100	N/A -



Nalgene™ Wide opening Jars

Thermo SCIENTIFIC NALGENE

Cylindrical jars with external screw cap.

- Ideal for long-term storage of samples, liquids or solids
- Autoclavable
- Cap In white polypropylene

Volume (ml)	15	30	60	125	250	500	1000
Cap ø (mm)	38	43	53	70	70	120	120
Out. ø (mm)	31	36	48	64	75	112	107
Total height (mm)	46	48	45	74	119	88	135
Cat. No.	**028079A**	**028080A**	**028081A**	**028082A**	**028083A**	**028084A**	**028085A**
Units/box	12	12	12	12	6	6	6
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**





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Sampling pots with screw cap, without label, made of polypropylene

Sampling pots

	Containers with screw cap					Containers without cap		
Volume (ml)	ø x H (mm)	Green cap	White cap	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
250	90 x 65	064218	064223	36	N/A -	064228	72	N/A -
400	90 x 100	064219	064224	24	N/A -	064229	60	N/A -
500	90 x 125	064220	064225	18	N/A -	064230	60	N/A -
750	120 x 97	064221	064226	12	N/A -	064231	50	N/A -
950	120 x 138	064222	064227	24	N/A -	064232	24	N/A -



- Made of polypropylene, robust
- With white or green cap, or without cap

Plugs with seal only

Cap Green	Cap White	Diam. (mm)	Units/ box	€/ box
064233	064235	90	72	N/A -
064234	064236	120	50	N/A -

Azlon® Polypropylene containers with screw cap

DWK LIFE SCIENCES

- Autoclavable

Cat. No.	Volume (ml)	Ø x h (mm)	Units/ box	€/ box
232711	30	43 x 43	72	N/A -
232712	60	53 x 47	48	N/A -
232713	125	70 x 60	36	N/A -
232714	250	89 x 66	36	N/A -
232715	500	89 x 97	24	N/A -
232716	950	120 x 100	24	N/A -
232717	1200	120 x 132	24	N/A -





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SAMPLING CONTAINERS WITH SCREW CAP

Sampling pots with screw cap, without label, made of polypropylene

Sampling pots



Cat. No.	Volume (ml)	Material	Graduated	Screw cap	Units/ box	€/ box
064237	60	Polypropylene	Yes	Screw	500	N/A -
064238	90	Polypropylene	Yes	Screw	400	N/A -
064239	120	Polypropylene	Yes	Screw	500	N/A -
064240	150	Polypropylene	Yes	Screwing	500	N/A -

Simport® Polypropylene containers with safety lock



- Container with pink cap
- Can be colour coded using inserts (10 colours available)
- Model I: can be used with or without a safety lock, the safety tab can be used or left free
- Model II: integrated closure tab, only usable in tamper-evident version

Volume (ml)	Ø x H (mm)	Units/ box	Model I	€/ box	Model II	€/ box
20	28.5 x 50.8	500	040711	N/A -	040716	N/A -
40	42 x 51.4	500	040712	N/A -	040717	N/A -
60	41.3 x 60.3	500	040713	N/A -	040718	N/A -
90	51.5 x 60.3	400	040714	N/A -	040719	N/A -
120	51.5 x 76.2	300	040715	N/A -	040720	N/A -

Inserts

	Mixed	Blue	Green	Purple	Red	Yellow	White	Grey	Pink	Violet	Orange
Cat. No.	039365	039371	039372	039374	039377	039380	039379	039373	039376	039378	039375
€/ 500 units	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Screw containers



- In white polypropylene
- Sterilizable at +121 °C for 20 minutes
- Suitable for freezing down to -40 °C
- Without stripes

Cat. No.	Capacity (ml)	Ø (mm)	Height (mm)	€
670834	12	25	31	N/A -
670835	25	31	40	N/A -
670836	60	41	56	N/A -
670837	90	52	52	N/A -
670838	125	52	67	N/A -
670839	250	68	79	N/A -
670840	625	90	113	N/A -
670841	1000	102	129	N/A -

Corning® Gosselin™ White polypropylene containers with white caps



Cat. No.	Vol.	ø x H (mm)	Cap Type	Sterile (ionised)	Units/ box	€/ box
080786	125 ml	54 x 60	Assembled cap	No	300	N/A -
080790	500 ml	83 x 98	Assembled cap	No	90	N/A -
080791	1070 ml	120 x 106	Non-assembled cap + seal	No	90	N/A -
080792	1070 ml	120 x 106	Assembled cap + seal	No	70	N/A -
080793	1070 ml	120 x 106	Assembled cap + seal	Yes	70	N/A -
080794	1 l	100 x 138	Assembled cap + seal	No	80	N/A -
080795	1 l	100 x 138	Non-assembled cap	No	75	N/A -
080796	1 l	100 x 138	Assembled cap + seal	Yes	75	N/A -
080797	500 ml	101 x 72	Assembled cap + seal	Yes	160	N/A -
080784	500 ml	101 x 72	Assembled cap + seal	No	160	N/A -
080772	775 ml	101 x 106	Assembled cap + seal	No	100	N/A -

Sampling pots with screw cap, without label, made of polypropylene

Polypropylene screw pots

- In white polypropylene
- White HDPE PP28 tamper evident Cap

Cat. No.	Volume (ml)	Ø x H. without cap (mm)	Units/ box	€/ box
674406	45	34.8 x 53.5	10	N/A -
674407	100	48.6 x 59.1	10	N/A -
674408	130	54.4 x 63.9	6	N/A -
674409	150	54.4 x 72.4	6	N/A -
674410	250	64 x 83	6	N/A -
674411	500	86 x 105.2	4	N/A -
674412	1000	108 x 123.8	2	N/A -



Polypropylene screw pots

- In white polypropylene
- For the storage of liquids and powders
- Freezable
- Autoclavable at +121 °C
- Food safe

Cat. No.	Volume (ml)	ø x H (mm)	Units/ box	€/ box
851015	35	38 x 48	350	N/A -
851016	60	45 x 57	350	N/A -
851017	125	57 x 68	350	N/A -
851019	500	97 x 92	160	N/A -
851020	1000	113 x 129	80	N/A -



Multi-purpose screw caps

- White polypropylene pot, HDPE cap
- For the storage of liquids and powders
- Freezable
- With tamper-evident ring
- Food safe

Cat. No.	Volume (ml)	ø x H (mm)	Units/ box	€/ box
851022	100	62 x 53	150	N/A -
851023	250	77 x 74	120	N/A -
851024	500	100 x 92	70	N/A -
851025	1000	116 x 130	30	N/A -



Screw-capped, unlabelled, low-density polyethylene sample jars

Pots with screw lid

- In LDPE
- Thick-walled
- Slightly tapered
- Screw closure with sealing cone

Cat. No.	Capacity (ml)	Max. Ø (mm)	Height (mm)	Units/ box	€/ box
092324	5	23	34	10	N/A -
092326	30	37	53	10	N/A -
092327	60	37	92	10	N/A -
092328	90	57	62	10	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Sampling pots with screw cap, unlabelled, made of low density polyethylene

Polyethylene screw containers



- Made of polyethylene
- Screw cap
- For solid products

Cat. No.	Volume (ml)	Out. ø x Inn. ø (mm)	Height (mm)	Units/ box	€/ box
391012	5	21 x 17.6	35.7	10	N/A -
391013	10	21 x 17.6	58.4	10	N/A -
391014	30	35 x 31	53	10	N/A -
391015	60	35 x 31	94.2	10	N/A -
391016	90	54.5 x 50	63.4	10	N/A -
391017	180	54.5 x 50	110	10	N/A -



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Sampling pots with screw cap, unlabelled, made of polycarbonate

Nalgene™ Wide opening Jars



Cylindrical jars with external screw cap.

- Ideal for long-term storage of samples, liquids or solids
- Autoclavable
- Cap In white polypropylene

Volume (ml)	15	30	60	125	250	500	1000
Cap ø (mm)	38	43	53	70	70	120	120
Out. ø (mm)	31	36	48	64	75	112	107
Total height (mm)	46	48	45	74	119	88	135
Cat. No.	**028067A**	**028068A**	**028069A**	**028070A**	**028071A**	**028072A**	**028073A**
Units/bag	4	4	4	4	4	4	4
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Sampling pots with screw cap, unlabelled, made TPX

Nalgene™ Wide opening Jars



Cylindrical jars with external screw cap.

- Ideal for long-term storage of samples, liquids or solids
- Autoclavable
- Cap In white polypropylene

Volume (ml)	60	125	250	500	1000
Cap ø (mm)	53	70	70	120	120
Out ø (mm)	48	64	75	112	107
Total height (mm)	45	74	119	88	135
Cat. No.	**028074A**	**028075A**	**028076A**	**028077A**	**028078A**
Units/bag	4	4	4	4	4
€/bag	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



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Sampling pots with screw cap, labelled, made of polystyrene

Sampling pots with metal lid

- In polystyrene, with metal cap and high sterility seal
- CE marking in accordance with the Directive on Medical Devices for in vitro diagnosis (98/79/EC)
- Aseptic
- 60 ml pots guaranteed 95 kPa



		With printed inscription surface			With blank inscription surface		
Volume (ml)	Ø x H (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
60	44 x 61	**761606**	300	**N/A -**	**761607**	300	**N/A -**
100	50 x 76	**761609**	200	**N/A -**	**761610**	200	**N/A -**
150	55 x 107.5	**761611**	120	**N/A -**	**761612**	120	**N/A -**
250	65 x 121	**761613**	50	**N/A -**	**761614**	50	**N/A -**
250	65 x 121	**761617***	50	**N/A -**	-	-	-

* On a tray

Aseptic Bijou bottle 7 ml with screw cap

Flat-bottomed polystyrene tube with screw cap.

- Volume: 7 ml
- Aseptic
- ø x H: 17 x 50 mm
- White screw cap



Cat. No.	Description	Units/ box	€/ box
080171	Tube with label	700	**N/A -**

Wheaton® Universal flasks

- Watertight closure.
- Dimensions ø x H: 30.5 x 93.5 mm
- Volume: 30 ml
- Sterile

DWK LIFE SCIENCES



Cat. No.	Material	Label	Boric acid	Packaging	€
055730	Polystyrene	Virgin	No	8 bags of 50	**N/A -**
055732	Polystyrene	Printed	No	8 bags of 50	**N/A -**

Universal skirted containers 30 ml Sterilin

Label	Label marking	Sterile	Units/ box	Cat. No.	€/ box
With	Yes	No	400	**761618**	**N/A -**
With	No	No	400	**761619**	**N/A -**
With	Yes	Yes	400	**080005E**	**N/A -**

* Cat. No. sold with a blue plastic spoon

- With polypropylene screw caps and high sterility seal
- Conical skirted bottom
- Can be centrifuged at 3889 g
- 30 ml tubes guaranteed 95 kPa
- ø x H: 24.5 x 89 mm
- CE marking in accordance with the Directive on Medical Devices for In Vitro Diagnostics (98/79/EC)



All prices are indicative and exclude VAT. Visit www.dulis.nl

Sampling pots with screw cap, labelled, made of polystyrene

Wheaton® 7 ml polystyrene bijou bottle



- Ideal for low volumes
- Virgin medical grade polystyrene
- Watertight safety cap
- Sterilised with ethylene oxide
- CE marking in accordance with the European Directive 98/79/EC

Cat. No.	Volume (ml)	Ø x H (mm)	Sterile	Units/ box	€/ box
055728	7	22 x 50.2	Yes	700	N/A -

Wheaton® Polystyrene flasks







Cat. No.	Volume (ml)	Ø x H (mm)	Label	Cap	Units/ bag	Units/ box	€/ box
055741	60	44.2 x 60.2	Simple	Made of metal	50	300	N/A -
055743	60	44.2 x 60.2	Printed	Made of metal	50	300	N/A -
440268	60	44.2 x 60.2	Simple	Made of plastic	50	300	N/A -
055744	60	44.2 x 60.2	Printed	Made of plastic	50	300	N/A -
055747	100	49.9 x 75.8	Simple	Metal with seal	40	200	N/A -
055749	100	49.9 x 75.8	Printed	Metal with seal	40	200	N/A -
055752	150	54.9 x 109.5	Simple	Metal with seal	30	120	N/A -
055751	150	54.9 x 109.5	Printed	Metal with seal	30	120	N/A -
055755	250	63.4 x 121.2	Simple	Metal with seal	25	50	N/A -
055753	250	63.4 x 121.2	Printed	Metal with seal	25	50	N/A -

- Collection, storage and transport
- Virgin medical grade polystyrene
- Sterilised with ethylene oxide
- CE marking in accordance with the European Directive 98/79/EC

Wheaton® urine collection tube with cup



- Virgin medical grade polystyrene
- Ideal for automated analysis
- Avoids unnecessary decanting of the sample in the laboratory
- Printed label for patient information
- Watertight cap
- Sterilised with ethylene oxide
- For in vitro use only
- CE marking in accordance with the European Directive 98/79/EC

Cat. No.	Volume (ml)	Ø x H (mm)	Sterile	Units/ bag	Units/ box	€/ box
055737	11	16 x 100	Yes	50	450	N/A -

Sampling pots with screw cap, labelled, made of polypropylene

Wheaton® Universal flasks



- Watertight closure.
- Also available in a pre-filled version with boric acid for urine samples
- Dimensions ø x H: 30.5 x 93.5 mm
- Volume: 30 ml
- Sterile

Cat. No.	Material	Label	Boric acid	Units/ box	€/ box
055782	Polypropylene	Virgin	No	8 bags of 50	N/A -
055783	Polypropylene	Printed	No	8 bags of 50	N/A -

Sampling pots with screw cap, labelled, made of polypropylene

Universal skirted containers 30 ml Sterilin

- With polypropylene screw caps and high sterility seal
- Conical skirted bottom
- Can be centrifuged at 3889 g
- 30 ml tubes guaranteed 95 kPa
- ø x H: 24.5 x 89 mm
- CE marking in accordance with the Directive on Medical Devices for In Vitro Diagnostics (98/79/EC)



Cat. No.	Label	Label marking	Sterile	Units/ box	€/ box
761695	With	Yes	No	400	N/A -
761696	With	No	No	400	N/A -

30 ml RNase and DNase free vials

- Polypropylene vials with conical bottom, skirted
- Manufactured in clean room
- Working volume: 25 ml
- Tamper-proof screw cap
- Tested at 95 kPa at room temperature
- Can be centrifuged up to 9500 g
- Lot number on each container

DNase RNase · Pyro-genic



Cat. No.	Description	Units/ bag	Units/ box	€/ box
999159	Graduated container/5 ml	50	400	302.80 -

Corning® Gosselin™ Sampling pots, labelled

CORNING

- Straight pots
- With waterproof screw caps
- Sterile by ionisation or aseptic

Colour pot			Transparent	Blue			
Colour cap			Red	Blue			
Vol. (ml)	H x Ø (mm)	Sterile	Cat. No.	Cat. No.	Pack unit.	Units/ box	€/ box
40	70 x 30	Yes	688256	-	100	1000	N/A -
60	70 x 33	Yes	688266	688263	70	700	N/A -
125	74 x 52	Yes	-	080825B	380	380	N/A -
180	102 x 52	Yes	-	688284	264	264	N/A -





Simport® Polypropylene Containers

Simport

- Polypropylene containers, polyethylene caps
- Ecological version (degradation in 7 years when in constant contact with degrading material) or standard
- Graduated (except for the 60 ml version)
- On sterile models, the unbroken label indicates that the container is still sterile
- Resistant to 95 kPA differential pressure test
- Suitable for temperatures from -90 °C to +100 °C
- 2 types of stoppers:
  - with safety closure: cap to be screwed on until a "click" is obtained which ensures the correct position of the ring and its locking on the container thread; when opened, the ring is retained and allows easy identification that the container has been opened
  - with standard screw cap



Standard version

			Non-sterile				Sterile			
Volume (ml)	Ø x H (mm)	Units/ box	Safety cap	€/ box	Standard cap	€/ box	Safety cap	€/ box	Standard cap	€/ box
60	41.3 x 60.3	500	040831	N/A -	040837	N/A -	040834	N/A -	040840	N/A -
90	51.5 x 60.3	400	040832	N/A -	040838	N/A -	040835	N/A -	040841	N/A -
120	51.5 x 76.2	300	040833	N/A -	040839	N/A -	040836	N/A -	040842	N/A -

Economical version

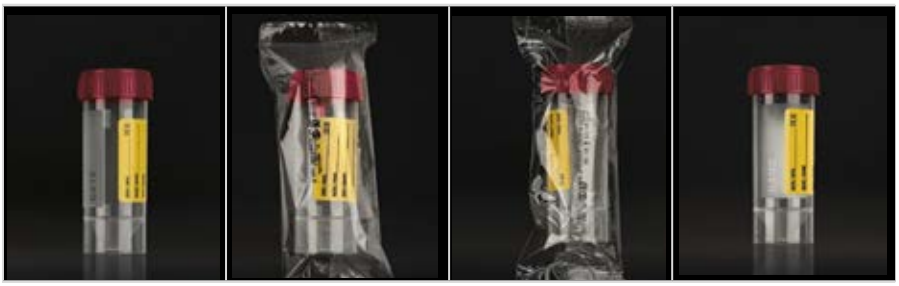
			Non-sterile				Sterile			
Volume (ml)	Ø x H (mm)	Units/ box	Safety cap	€/ box	Standard cap	€/ box	Safety cap	€/ box	Standard cap	€/ box
60	41.3 x 60.3	500	040819	N/A -	040825	N/A -	040822	N/A -	040828	N/A -
90	51.5 x 60.3	400	040820	N/A -	040826	N/A -	040823	N/A -	040829	N/A -
120	51.5 x 76.2	300	040821	N/A -	040827	N/A -	040824	N/A -	040830	N/A -

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Sampling pots with screw cap, labelled, made of polypropylene

Sampling pots

- **High transparency**
- **Watertight closure.**
- **Precise gradations**
- **Unbreakable**



Cat. No.	390148	390149	390150	390151
Volume (ml)	30			
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Bottom	Conical	Conical	Conical	Conical
Cap	Yes	Yes	Yes	Yes
Sterile	No	No	Yes	Yes
Marking surface	Yes + label	Yes + label	Yes + label	Yes + label
Packaging unit	700	1	1	700
Units/box	700	500	500	700
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Cat. No.	390137	390138	390139	390140
Volume (ml)	60			
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Bottom	Flat	Flat	Flat	Flat
Cap	Yes	Yes	Yes	Yes
Sterile	No	No	Yes	Yes
Marking surface	Yes + label	Yes + label	Yes + label	Yes + label
Packaging unit	600	1	1	600
Units/box	600	500	500	600
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Cat. No.	390122	390123	390124	390125
Volume (ml)	120			
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Bottom	Flat	Flat	Flat	Flat
Cap	Yes	Yes	Yes	Yes
Sterile	No	No	Yes	Yes
Marking surface	Yes + label	Yes + label	Yes + label	Yes + label
Packaging unit	300	1	1	300
Units/box	300	250	250	300
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Sampling pots with screw cap, labelled, made of polypropylene

Sampling pots with screw cap, labelled, made of polyethylene

- In PET or HDPE
- Red screw or attached cap with integrity indicator
- Translucent
- Unbreakable
- Traceability label
- Sterile



Thiosulphate free				In bulk			Individual packaging		
Vol. (ml)	L x W x H (mm)	Neck Ø (mm)	Material	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
250	63 x 63 x 135	31	PET	076820C	144	N/A -	080951	150	N/A -
500	70 x 70 x 148	29	HDPE	080903	100	N/A -	-	-	-
500	74 x 74 x 173	31	PET	076826C	120	N/A -	-	-	-
500	70 x 70 x 160	22	HDPE	080949	100	N/A -	-	-	-
1000	92.5 x 92.5 x 214	32	PET	080885B	48	N/A -	080953	45	N/A -
1000	90 x 90 x 182	28	HDPE	080950	77	N/A -	-	-	-

Sampling pots with screw cap, with spatula or spoon

Wheaton® Universal flasks

- Watertight closure
- Dimensions ø x H: 30.5 x 93.5 mm
- Volume: 30 ml
- Sterile

DWK LIFE SCIENCES



Cat. No.	Material	Label	Boric acid	Units/ box	€/ box
055734*	Polystyrene	Printed	No	8 bags of 50	N/A -
055785*	Polypropylene	Printed	No	8 bags of 50	N/A -

* with spoon

Wheaton® Universal flasks

- Watertight closure.
- Also available in a pre-filled version with boric acid for urine samples
- Dimensions ø x H: 30.5 x 93.5 mm
- Volume: 30 ml
- Sterile

DWK LIFE SCIENCES



Cat. No.	Material	Label	Boric acid	Units/ box	€/ box
055782	Polypropylene	Virgin	No	8 bags of 50	N/A -
055783	Polypropylene	Printed	No	8 bags of 50	N/A -

Corning® Gosselin™ Sampling pots with screw cap

CORNING

- Straight polypropylene pots
- With waterproof screw caps
- Sterile by ionisation or aseptic





Cat. No.	Vol. (ml)	H x ø (mm)	Pot type	Colour of pot / cap		Sterile	Pack unit.	Units/ box	€/ box
688264	60	70 x 33	Spoon	White	Red screw	Yes	70	700	N/A -
688276	125	74 x 52	Spatula	White	Red screw	No	380	380	N/A -
688244	125	74 x 52	Spatula	White	Red screw	Yes	380	380	N/A -
688288	180	102 x 52	Spatula	Natural	Red screw	Yes	380	264	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

SAMPLING CONTAINERS WITH SCREW CAP

Sampling pots with screw cap, with spatula or spoon

Sampling pots with spatula



- Made of polypropylene
- With marking surface
- Screw cap

Cat. No.	Volume (ml)	ø x H (mm)	Sterile	Pack unit.	Units/ box	€/ box
390978	30	28 x 82.5	No	700	700	N/A -
390979	30	28 x 82.5	Yes	1	500	N/A -

Sampling pots with screw cap, with suction system for vacuum tubes

Urine Collection pot, with yellow cap and suction system

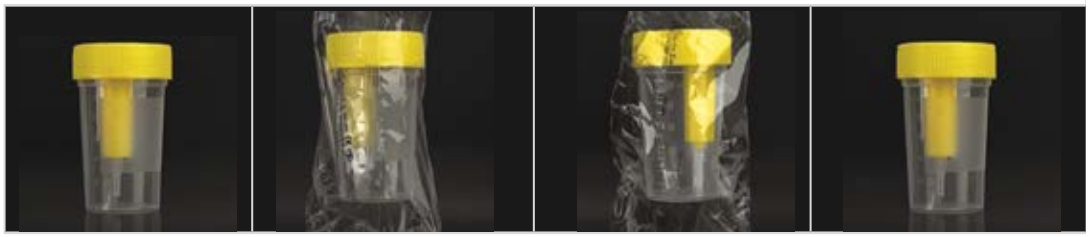


- In transparent polypropylene
- Available as non-sterile or sterile in individual packaging
- Screw cap
- Volume: 30, 60 ml and 120 ml
- Frosted area for marking

Cat. No.	Volume (ml)	Cap colour	Sterile	Units/ box	€/ box
861087	120	Yellow	Yes, indiv. pack.	250	N/A -
861088	120	Yellow	No, indiv. pack.	250	N/A -
861089	120	Yellow	No, bulk	250	N/A -
861090	120	Yellow	Yes, bulk	250	N/A -

Urine Collection pot

- Yellow cap
- Vacuum tube suction system



Cat. No.	390126	390127	390128	390129
Volume (ml)	120			
Material	Polypropylene	Polypropylene	Polypropylene	Polypropylene
Cap	Yes	Yes	Yes	Yes
Sterile	No	No	Yes	Yes
Marking surface	Yes	Yes	Yes	Yes
Packaging unit	300	1	1	300
Units/box	300	250	250	300
€/box	N/A -	N/A -	N/A -	N/A -

Sampling pots with screw cap, with slide

Aseptic Bijou vials 7 ml with screw cap

Includes an inner coverslip for use in the TRAC technique.

- Volume: 7 ml
- Aseptic
- ø x H: 17 x 50 mm
- White screw cap

Cat. No.	Description	Units/ box	€/ box
080172	Standard TRAC Tube	700	N/A -

Sampling pots with screw cap, with thiosulphate

Corning® Gosselin™ Square sampling containers with sodium thiosulphate

- In PET or HDPE
- Red screw or attached cap with integrity indicator
- Translucent
- Unbreakable
- Traceability label
- Sterile



With thiosulphate				Thiosulphate dose (mg/l)	In bulk			Individual packaging			Thiosulphate dose (mg/l)	In bulk			Individual packaging		
Vol. (ml)	L x W x H (mm)	Neck Ø (mm)	Material		Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box		Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
250	60 x 45 x 155	32	HDPE	20	030393	312	N/A -	080775	200	N/A -	-	-	-	-	-	-	-
250	57 x 57 x 109	37	HDPE	20	080954	210	N/A -	080959	182	N/A -	-	-	-	-	-	-	-
250	63 x 63 x 132	31	PET	20	080955	144	N/A -	-	-	-	120	080963	144	N/A -	080968	150	N/A -
500	70 x 70 x 159	32	HDPE	20	030380	100	N/A -	030396	100	N/A -	120	080964	100	N/A -	080922	100	N/A -
500	70 x 70 x 128	55	HDPE	20	080773	140	N/A -	-	-	-	-	-	-	-	-	-	-
500	70 x 70 x 148	29	HDPE	20	030376	100	N/A -	030552	100	N/A -	120	080898	100	N/A -	080899	100	N/A -
500	74 x 74 x 170	31	PET	20	080956	120	N/A -	-	-	-	120	080965	120	N/A -	-	-	-
1000	82 x 82 x 182	28	HDPE	20	030809B	77	N/A -	030545B	77	N/A -	120	080966	77	N/A -	080970	77	N/A -
1000	92 x 77 x 187	55	HDPE	20	-	-	-	-	-	-	120	030854	85	N/A -	-	-	-
2000	110 x 93 x 237	58	HDPE	20	080958	50	N/A -	-	-	-		-	-	-	-	-	-

Sampling pots with screw cap, with boric acid

Wheaton® Universal flasks

- Watertight closure.
- Boric acid pre-fills for urine samples
- Dimensions ø x H: 30.5 x 93.5 mm
- Volume: 30 ml
- Sterile



Cat. No.	Material	Label	Boric acid	Packaging	€
055733	Polystyrene	Printed	Yes	8 bags of 50	N/A -
055784	Polypropylene	Printed	Yes	8 bags of 50	N/A -

Wheaton® 7 ml polystyrene bijou bottle

- Ideal for low volumes
- Virgin medical grade polystyrene
- Watertight safety cap
- Sterilised with ethylene oxide
- CE marking in accordance with the European Directive 98/79/EC



Cat. No.	Volume (ml)	Ø x H (mm)	Sterile	Units/ box	€/ box
055729	7	22 x 50.2	Yes	700	N/A -

Wheaton® urine collection tube with cup

- Virgin medical grade polystyrene
- Ideal for automated analysis
- Avoids unnecessary decanting of the sample in the laboratory
- Printed label for patient information
- Watertight cap
- Sterilised with ethylene oxide
- For in vitro use only
- CE marking in accordance with the European Directive 98/79/EC



Cat. No.	Volume (ml)	Ø x H (mm)	Sterile	Units/ bag	Units/ box	€/ box
055738	11	16 x 100	Yes	50	450	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Sampling pots with screw cap, with handle

Corning® Sampling containers with removable handle



- Translucent blue polypropylene pot, blue handle
- Integrity indicator
- Screw-on or attached cap

Cat. No.	Volume (ml)	H x ø (mm)	Colour of pot / cap		Sterile	Pack unit.	Units/ box	€/ box
030313	40	275* x 30	Blue	Blue screw	Yes	1	250	N/A -
030867	90	290* x 43	Blue	Blue Attached	Yes	1	150	N/A -
999739	125	275* x 52	Blue	Blue screw	Yes	1	100	N/A -
688309	180	305* x 52	Blue	Blue screw	Yes	1	100	N/A -

*Total height with handle

DISPODIPPER Sampling containers







- In blue transparent polypropylene
- Graduated
- Immersion depth: 270 mm
- Break-away stem
- Produced, assembled and packed in a class 7 room
- Sterile by gamma ray ionisation and unit packaging
- 3 sizes available: 50, 100 and 250 ml
- Complies with the EU and FDA food directives
- 20 units

Cat. No.	Volume (ml)	Sterile	flasks Ø x H (mm)	Total Lenght (mm)	€
795739	50	No	40 x 98	417	N/A -
795740	50	Yes	40 x 98	417	N/A -
795823	100	No	53 x 98	415	N/A -
795824	100	Yes	53 x 98	415	N/A -
795825	250	No	72 x 116	429	N/A -
795826	250	Yes	72 x 116	429	N/A -

FDA

Snap-on-lid containers, in polystyrene

Polystyrene containers

- Transparent body with low density polyethylene pressure cap
- Wide neck
- Suitable for storage of cream, semi-solid substances, crystals, granules and powder

Cat. No.	Volume (ml)	Diameter (mm)	Height (mm)	Units/ box	€/ box
056687B	30	39	32	750	N/A -
056688B	50	39	52	500	N/A -
056690B	100	51	60	500	N/A -
397001	150	65	50	350	N/A -
397002	200	65	67	250	N/A -
397003	250	65	85	200	N/A -
397004	500	100	95	100	N/A -



Greiner Bio-One Non-sterile, capped polystyrene tubes and flat-bottomed pots

Cat. No.	Volume (ml)	Dimensions (mm)	Units/ box	€/ box
205111	28	ø 26 x 64	1200	N/A -
214111	35	ø 31 x 56	800	N/A -
223111	54	ø 41 x 60	600	N/A -
217111	68	ø 36 x 83	600	N/A -



Single-use measuring cups

Single-use graduated polypropylene cups.

- Three models: 60 ml, 120 ml and 250 ml
- Autoclavable at +134 °C

Cat. No.	Description	Units/ box	€/ box
095042	60 ml graduated cup	1000	N/A -
095043	250 ml graduated cup	1875	N/A -
095044	120 ml graduated cup	1000	N/A -



Snap-on-lid containers, in polypropylene

Corning® Gosselin™Polypropylene conical container

- Clear or white polypropylene containers
- Transparent polyethylene pressure lid
- Graduated in the mass
- Highly impact resistant





			Without lid			With assembled lid			With separate lid			Sterile with lid		
Vol. (ml)	Colours	ø opening x ø base x H (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
200	Transparent	62 x 54 x 88	080859	660	N/A -	080860	220	N/A -	030350	660	N/A -	080861	220	N/A -
400	Transparent	85 x 72 x 100	080862	460	N/A -	080863	185	N/A -	030361T	460	N/A -	030362T	185	N/A -
1000	Transparent	105 x 96 x 130	080864	250	N/A -	080865	120	N/A -	080867	250	N/A -	080866	80	N/A -
200	White	62 x 54 x 88	080979	660	N/A -	-	-	-	030353	660	N/A -	080978	220	N/A -
400	White	85 x 72 x 100	-	-	-	-	-	-	030361	460	N/A -	030362	185	N/A -
1000	White	105 x 96 x 130	-	-	-	-	-	-	030363	250	N/A -	030364	80	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Snap-on-lid containers, in polypropylene

Falcon® Sterile Snap-on-lid containers



- Polypropylene pot
- With or without polyethylene snap-on lid
- Sterile

Cat. No.	Volume (ml)	Lid	Units/ bag	Units/ box	€/ box
354013	110	Yes	1	100	N/A -
354014	110	No	20	500	N/A -
354015	220	Yes	1	100	N/A -

Round polypropylene containers



- Made of polypropylene
- Can be used from - 40 to + 130 °C
- Supplied with lid

Cat. No.	Ø x H (mm)	Volume (ml)	Units/ box	€/ box
711968	118 x 51	300	10	N/A -
711969	118 x 80	565	10	N/A -
711970	118 x 107	770	10	N/A -

Wide and narrow graduated polypropylene cups 30 ml



Narrow cups
- 30 ml graduated with lid
- Height: 41 mm
- Top ø 37 mm, bottom ø 28 mm

Large cups
- Graduated with lid
- Height: 32 mm
- Top ø 45 mm, bottom ø 37 mm

	Narrow cups			Large cups		
Colours	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
Transparent	039985	80	N/A -	039990	50	N/A -
Blue	039986	80	N/A -	039991	50	N/A -
Red	039987	80	N/A -	039992	50	N/A -
Green	039988	80	N/A -	039993	50	N/A -
Yellow	-	-	-	039994	50	N/A -

Hinged closure flask



- Made of polypropylene
- Aseptic
- Hinged lid
- Perfectly watertight

Cat. No.	Capacity (ml)	ø x h (mm)	Opening ø (mm)	Units/ box	€/ box
080912	45	29 x 85	29	650	N/A -
080913*	50	31 x 80	31	650	N/A -
080939*	90	43 x 80	39	350	N/A -
999282	90	43 x 80	39	350	N/A -

* Sterile

Snap-on-lid Containers with handle

Corning® Snap-on-lid containers

- Translucent blue polypropylene pot, blue handle
- Integrity indicator



Cat. No.	Vol. (ml)	H x ø (mm)	Colour of pot / cap		Sterile	Pack unit.	Units/ box	€/ box
030867	90	290* x 43	Blue	Blue Attached	Yes	1	150	N/A -

*total height with handle

Snap-on-lid containers, with thiosulphate

Collection bottle with sodium thiosulphate tablet Corning®

- Used to test for coliform bacteria, and microbiological contaminants in water
- Made of polypropylene
- Sterile
- Adjacent cap, reduces the risk of contamination
- Locking latch to prevent accidental opening
- 1 sodium thiosulfate 10 mg tablet per bottle
- Supplied with label and instructions for use



Cat. No.	Volume (ml)	Out. Ø x H (mm)	Units/ box	€/ box
001700-100	100	46.3 x 96	100	N/A -

Snap-on-lid containers, made of low density polyethylene

Snap-on-lid containers

- PEL pot with tight fitting lid
- Ideal for storage and transfer

Cat. No.	Volume (ml)	Dimensions (mm) Top ø x bottom ø x H	Handle	Lid	€
320000A	500	120 x 100 x 80	No	Included	N/A -
320923	1000	120 x 92 x 135	Yes	Included	N/A -
320003A	1800	140 x 115 x 140	No	Included	N/A -



Flasks with tab

- Made of polyethylene
- Cap attached by a tab
- For solid products

Cat. No.	Volume (ml)	ø x height (mm)	Units/ box	€/ box
391004	1	8 x 32	500	N/A -
391005	2.5	14 x 31.5	100	N/A -
391011	5	15 x 49	100	N/A -
391006	8	17.2 x 57.6	100	N/A -
391007	7	22.8 x 32.9	100	N/A -
391008	20	24.8 x 74.5	100	N/A -
391009	35	31 x 74.5	50	N/A -
391010	25	31.3 x 52.5	50	N/A -



Snap-on-lid containers, made of high density polyethylene

Sampling pots

Cat. No.	Volume (ml)	Material	Graduated	Screw cap	Units/ box	€/ box
064241	240	HDPE	No	Fitting	120	N/A -
064242	480	HDPE	No	Fitting	120	N/A -
064243	960	HDPE	No	Fitting	84	N/A -
064244	1920	HDPE	No	Fitting	48	N/A -
064245	2490	HDPE	No	Fitting	28	N/A -
064246	4950	HDPE	No	Fitting	12	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Polypropylene buckets

SUPERLIFT buckets with tight-fitting lids



- Polypropylene bucket
- Ideal for transporting large-volume parts
- Plastic or metal handle
- Sealed snap-on lid (*to be ordered separately)

Cat. No. bucket only	Vol. (l)	ø top x ø bottom x H (mmm)	Handle	€	Lid* only	€
320004A	3.1	199 x 176 x 134	Plastic	N/A -	320029B	N/A -
320005A	3.8	199 x 174 x 159	Plastic	N/A -	320029B	N/A -
320006A	5.5	227 x 197 x 181	Plastic	N/A -	320031A	N/A -
320007A	5.8	227 x 195 x 193	Plastic	N/A -	320031A	N/A -
320008A	10.8	267 x 229 x 250	Plastic	N/A -	320033A	N/A -
320009A	11.2	267 x 231 x 261	Plastic	N/A -	320033A	N/A -
320010A	12.7	294 x 251 x 255	Metal	N/A -	320035A	N/A -
320011A	15.6	294 x 252 x 314	Metal	N/A -	320035A	N/A -

Large volume polypropylene containers



- Snap-on polypropylene lid
- White
- Pots and lids to be ordered separately
- Economic

Cat. No.	Description	Volume	Units/ box	€/ box
054100	SuperLift cylindrical bucket with handle	3.4 l	960	N/A -
054101	Lid 98 mm for Superlift pot	3.4 l	960	N/A -
054102	Unipak cylindrical pot	1.18 l	2600	N/A -
054103	Lid for Unipak pot	1.18 l	2600	N/A -
054104	Unipak cylindrical pot	600 ml	2600	N/A -
054105	Lid for Unipak pot	600 ml	2600	N/A -

Standard, large volume and rectangular buckets



- Large volume buckets
- Made of polypropylene
- Water-tight lid (*to be ordered separately)

Cat. No.	Vol. (l)	Dimensions (mm) Top ø x bottom ø x H	Handle	Units/ box	€/ box	Lid*	€
Standard buckets							
320012A	2.8	198 x 172 x 140	Synthetic material.	1	N/A -	Included	-
320013A	5	224 x 192 x 190.50	Metal	1	N/A -	Included	-
320014A	11	292 x 255 x 225	Metal	1	N/A -	Included	-
Large volume buckets: buckets only						Lids only*	
320015A	20.7	323 x 266 x 360	Synth./metal	1	N/A -	320022A	N/A -
320016A	26.5	376 x 303 x 350	Shell handles	1	N/A -	320909	N/A -
320017A	32.8	376 x 305 x 420	Shell handles	1	N/A -	320909	N/A -

Rectangular buckets: buckets only								Lids only*		
Cat. No.	Vol. (l)	Ext. dim. Top (mm)	Bottom external dimensions (mm)	H (mm)	Handle	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
320020A	10.9	277 x 241	244.5 x 209.5	22.5	Metal	50	N/A -	320027A	50	N/A -
320021A	13.1	277 x 241	244.5 x 206	265.2	Metal	50	N/A -	320027A	50	N/A -

Nalgene™ White polypropylene graduated buckets



- Graduated
- Autoclavable
- Made of white high density polypropylene

Cat. No.	Capacity (l)	€
029432	7.6	N/A -
029433	10.4	N/A -
029354	13.2	N/A -

High density polyethylene buckets

12 l square buckets with tight lid - food contact

- HDPE buckets, food contact approved , LDPE lids
- With spout, drainage area under the bucket to prevent water retention
- Use of buckets: -40 °C to +90 °C / lids: -15 °C to +60 °C
- Nestable when empty, stackable with lid closed
- Identification label for HACCP traceability
- Stainless steel handle
- Hermetic closure



Capacity (l)	Dimensions L x W x H (mm)	Weight (kg)	White	Red	Blue	Green	Yellow	€
12	329 x 310 x 280	1.205	212074	212075	212076	212077	212078	N/A -

HDPE food container 50 l

- White HDPE container
- Certified for food contact
- Nestable
- High strength: storage, preparation, transport
- Reinforced bottom with wear area
- Use: -40 °C to +90 °C
- Volume: 50 l



Cat. No.	Description	Weight (kg)	€
212065	50 l container	3	96.30 -
212066	Lid for container	0.7	31.30 -

Nalgene™ Graduated HDPE bucket

- High density polyethylene
- Graduated
- White
- With spout
- Autoclavable



Cat. No.	Volume (l)	€
029431	9.5	N/A -

Low density polyethylene buckets

Nalgene™ Tight graduated buckets with lid



- Graduated
- In white (7.6 and 10.4 litres) or yellow (13.2 litres) high density polyethylene

Cat. No.	Capacity (l)	Height without lid	Height with lid	€
029434	7.6	254 mm	267 mm	N/A -
029328	13.2	315 mm	328 mm	N/A -

LDPE buckets



- Made of polyethylene
- With spout
- Graduated

Cat. No.	Capacity (l)	Ø x H (mm)	€
391051	9	280 x 250	N/A -
391052	12	300 x 280	N/A -
391053	17	340 x 310	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Polystyrene bins

Trays for transport or storage



- Made of shock-resistant polystyrene

Cat. No.	Dimensions (mm)	€
391028	151 x 201 x 21	N/A -
391029	151 x 303 x 21	N/A -
391030	252 x 353 x 21	N/A -
391031	254 x 254 x 21	N/A -
391032	151 x 201 x 41	N/A -
391033	151 x 303 x 42	N/A -
391034	253 x 353 x 41	N/A -
391035	252 x 252 x 42	N/A -
391036	151 x 202 x 81	N/A -
391037	151 x 303 x 81	N/A -
391038	252 x 352 x 81	N/A -
391039	252 x 252 x 82	N/A -
391040	300 x 409 x 21	N/A -
391041	300 x 409 x 42	N/A -
391042	299 x 408 x 81	N/A -

Material transport trays



- Can be built-in to save space
- In coloured polystyrene
- Two dimensions

Colours	Model L x W x H int.: 175 x 100 x 34 mm	Model L x W x H int.: 210 x 151 x 40 mm
White	-	039420
Yellow	039416	039421
Green	039417	039422
Blue	039418	039423
Red	039419	039424
Packaging unit	10	10
€	N/A -	N/A -

Polypropylene container

Barge trays



- Stackable trays
- With carrying handles
- L x W x H ext.: 260 x 169 x 52 mm / L x W x H int.: 230 x 158 x 48 mm

Colours	Violet	Orange	Blue	White	Green	Pink	€
Cat. No.	040147	040148	040149	040150	040151	040152	N/A -

Cooling box



- Polypropylene box with low density polyethylene lid
- For storage of products between o °C and +8 °C
- Translucent boxes and white lids

Shape	Volume (l)	Dimension (mm)	Cat. No.	€
Square	0.6	110 x 110 x 70 (top) / 90 x 90 x 70 (bottom)	001167	N/A -
Square	1.2	215 x 110 x 70 (top) / 198 x 90 x 70 (bottom)	001168	N/A -
Square	2.5	220 x 220 x 70 (top) / 198 x 198 x 70 (bottom)	001169	N/A -

Polypropylene container

Transport bins

- To European standards
- Made of polypropylene
- The 600 x 400 mm format accepts an optional cover, or is more easily transported using the trolley
- Easily stackable, stackable and/or stackable
- Space saving when empty: 75 %

Cat. No.	Dimensions L x W x H (mm)	€
040153	400 x 300 x 220	N/A -
040154	400 x 300 x 320	N/A -
040156	600 x 400 x 170	N/A -
040159	600 x 400 x 320	N/A -
040161	800 x 600 x 420	N/A -



Accessorie

Cat. No.	Description	€
040163	Troley for box 600 x 400 mm	N/A -

Azlon® Polypropylene containers

White rectangular polypropylene containers.

- Suitable for instrument sterilisation
- Robust and deep
- Autoclavable
- Can be closed with a non-autoclavable polystyrene lid (to be ordered separately)

Container only (without lid)

Cat. No.	Volume (l)	Dimensions L x W x H (mm)	€
001208	10	390 x 290 x 110	N/A -

Lids

Cat. No.	Description	€
001210	Lid for container 10 litres	N/A -



Nalgene™ Containers with lid

- Thick-walled: 4.6 mm
- Good resistance to most organic solvents
- Autoclavable



Cat. No.	Capacity (l)	Material	L x W x H (cm)	€
028994	8	PP	20 x 20 x 20	N/A -
028995	23	PP	36 x 25 x 25	N/A -
028996	27	PP	31 x 31 x 31	N/A -

Hermetically sealed boxes with lids

- In transparent polypropylene
- 6 handles
- Stackable and nestable
- Reinforced lid
- Protects agains moisture and dust
- Watertight (seal)



Cat. No.	Ext. dimension L x W x H (mm)	Load capacity (kg)	Volume (l)	€
540033	590 x 390 x 290	30	50	N/A -
540034	590 x 390 x 390	35	70	N/A -

PROBOX Storage boxes

- Made of recyclable polypropylene, robust
- Transparent for content visibility
- Food contact compatible
- Stackable with lid for perfect locking of boxes
- Recessed without lid
- Easy grip thanks to two ergonomic handles
- Closing clips for a firm hold on the lid and total security during transport
- Reinforced bottom and corners for long life
- Operating temperature: -40 °C to +120 °C

Cat. No.	Volume (l)	Ext. dimension L x W x H (mm)	Units/ box	€/ box
540115	3	290 x 195 x 98	5	N/A -
540116	6	290 x 195 x 185	5	N/A -
540117	8	390 x 290 x 108	5	N/A -
540118	14	390 x 290 x 185	5	N/A -
540119	21	510 x 390 x 169	5	N/A -
540120	32	510 x 390 x 258	5	N/A -
540121	53	510 x 390 x 435	5	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Polypropylene Containers

PP transport containers with lid



- Stackable and foldable transport containers (75% space saving when empty)
- Optimal protection against dust
- Ergonomically shaped handles
- Made of thick, impact-resistant polypropylene, food contact approved
- Optional sealing available

Cat. No.	Volume (l)	External dimensions L x W x H (mm)			€
540125	32	400	300	365	N/A -
540126	44	600	400	250	N/A -
540127	60	600	400	320	N/A -
540128	68	600	400	365	N/A -
540129	78	600	400	416	N/A -



TIP Other sizes available on www.dulis.nl

BASICBOX storage boxes



- Made of recyclable polypropylene
- Impact resistant
- Lightweight, transparent/translucent for easy repetition of content
- Easy grip thanks to two ergonomic handles
- Food contact compatible
- Two clips on each side
- Stackable on top of each other in a stable and secure manner
- Rounded and reinforced corners ensure safety and comfort of use
- Operating temperature: -40 °C to +120 °C

Cat. No.	Volume (l)	Ext. dimension L x W x H (mm)	Units/ box	€/ box
540085	1.7	205 x 170 x 75	5	N/A -
540086	2.3	205 x 170 x 100	5	N/A -
540087	3.5	205 x 170 x 145	5	N/A -
540088	9	328 x 250 x 190	5	N/A -
540089	15	380 x 285 x 213	5	N/A -
540090	20	425 x 330 x 213	5	N/A -
540091	30	595 x 395 x 170	5	N/A -
540092	52	595 x 395 x 310	5	N/A -
540093	134	780 x 570 x 400	5	N/A -

High density polyethylene containers

Deep containers



- Rectangular with few retention areas for easy cleaning
- Nestable
- Certified for food contact

Cat. No.	Dimensions L x W x D (mm)	Volume (l)	Weight (kg)	€
001196	555 x 430 x 380	55	2.85	N/A -

Flat containers



- In white high density polyethylene
- Nestable
- Use: gel bleaching, soaking, storage, etc.

Cat. No.	Volume (l)	L x W x H (mm)	€	Cat No lid	€
001044	2	300 x 205 x 65	N/A -	-	-
001045	3	350 x 235 x 73	N/A -	211968	N/A -
001046	5	435 x 285 x 80	N/A -	211969	N/A -
001047	8	490 x 335 x 80	N/A -	211967	N/A -
001048	10	540 x 385 x 80	N/A -	-	-

High density polyethylene containers

Transport bins

- In White HDPE
- Stackable

Low form

Cat. No.	Capacity (l)	L x W x H (mm)	€
391043	10	310 x 415 x 97	N/A -
391044	16	350 x 540 x 115	N/A -
391045	20	410 x 458 x 143	N/A -

Low profile with drainage holes

Cat. No.	Capacity (l)	L x W x H (mm)	€
391046	16	350 x 540 x 115	N/A -

High shape

Cat. No.	Capacity (l)	L x W x H (mm)	€
391047	20	315x 415 x 200	N/A -
391048	46	365 x 595 x 255	N/A -
391049	72	438 x 695 x 306	N/A -
391050	100	500 x 585 x 445	N/A -



Solid HDPE containers

- Food contact approved HDPE containers
- Stackable
- No retention zone, easy to clean
- Use: -40 °C to +90 °C
- Volume: 15 l
- Dimensions L x W x H (mm) 600 x 400 x 90
- Weight: 1.32 kg

White	Black	Red	Blue	Yellow	€
212051	212052	212053	212054	212055	N/A -



Rectangular stackable containers

- HDPE food contact containers
- Stackable with or without lid
- Vertical reinforcements, rounded corners limiting retention areas
- Optional Covering lid
- Machine washable
- Compatible with 6-wheel dollies, Cat. No. 12056 and 212057

Rectangular containers

Volume (l)	Dimensions L x W x D (mm)	Weight (kg)	White	Grey	€
12	400 x 300 x 165	0.83	211987	211980	N/A -
15	400 x 300 x 215	1.09	211988	211981	N/A -
25	600 x 400 x 165	1.41	211989	211982	N/A -
35	600 x 400 x 217	1.6	211990	211983	N/A -
55	600 x 400 x 315	2.2	211991	211984	N/A -

Lids

Description	Dimensions L x W x D (mm)	Weight (kg)	White	Grey	€
For 12 - 15 l containers	400 x 300 x 30	0.42	211992	211985	N/A -
For 25 - 35 - 55 l containers	600 x 400 x 35	0.86	211993	211986	N/A -



Containers with lid

White high density polyethylene (HDPE) containers with translucent polypropylene lid.

- Multi-purpose
- Rectangular
- Not autoclavable

Cat. No.	Volume (l)	Ext. dimension L x W x H (mm)	Int. dimensions L x W x H (mm)	€
001189B	3	350 x 235 x 85	280 x 160 x 80	N/A -
001190B	5	440 x 290 x 85	360 x 220 x 80	N/A -
001191B	8	490 x 340 x 85	410 x 270 x 80	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

High density polyethylene containers

HACCP anti-bacterial containers



- HDPE containers, stackable, with handles
- Supplied with lids
- HACCP compliant for food contact
- Machine washable, rounded corners, no retention zone
- Tracking label for traceability
- Biocidal effect for up to 2 years by releasing silver ions (antibacterial film)

Capacity (l)	Dimensions L x W x H (mm)	Weight (kg)	Blue	€
12	405 x 300 x 180	1.25	212037	N/A -
15	405 x 300 x 228	1.51	212040	N/A -
35	600 x 400 x 230	2.46	212046	N/A -
55	600 x 400 x 334	3.05	212049	N/A -

High density polyethylene containers

Deep containers



- Rectangular with few retention areas for easy cleaning
- Nestable
- Certified for food contact

Cat. No.	Dimensions L x W x D (mm)	Volume (l)	Weight (kg)	€
001192	365 x 310 x 160	10	0.75	N/A -
001193	450 x 370 x 170	19	1.12	N/A -
001194	540 x 435 x 200	30	1.8	N/A -
001195	550 x 445 x 305	45	2.55	N/A -

Square or round containers





Square or round containers in white low density polyethylene (LDPE).

- Universal use
- Very resistant
- With a wide rim for a good grip

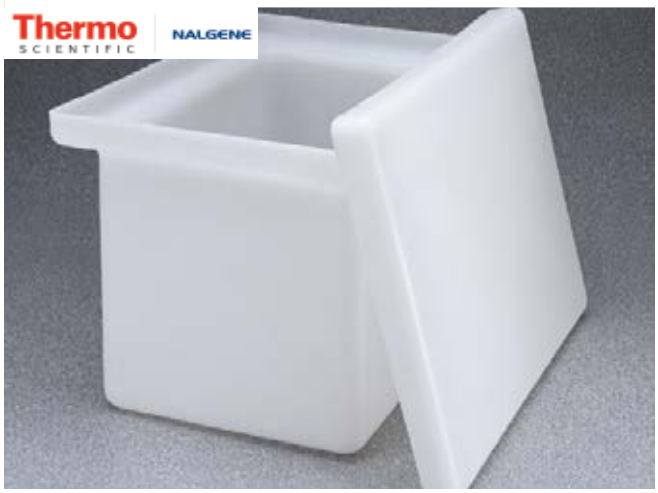
Round containers

Cat. No.	Volume (l)	Ø x H (mm)	€
001203	4.5	320 x 95	N/A -
001204	7.5	350 x 125	N/A -
001205	9	390 x 125	N/A -
001206	14	430 x 175	N/A -

Square containers

Cat. No.	Volume (l)	Dimensions L x W x H (mm)	€
001197	1	160 x 160 x 65	N/A -
001198	3	220 x 220 x 90	N/A -
001199	4.5	260 x 260 x 110	N/A -
001200	7	300 x 300 x 125	N/A -
001201	10	350 x 350 x 130	N/A -
001202	12	390 x 390 x 140	N/A -
001316	16	400 x 350 x 200	N/A -

Nalgene™ Containers with lid



- Thick-walled: 3.9 mm
- Resistant to most acids, alcohols and bases
- Good abrasion resistance

Cat. No.	Capacity (l)	Material	L x W x H (cm)	€
028990	8	LDPE	20 x 20 x 20	N/A -
028991	23	LDPE	36 x 25 x 25	N/A -
028992	27	LDPE	31 x 31 x 31	N/A -
028993	42	LDPE	46 x 31 x 31	N/A -

PVC containers

Grooved containers

- Rectangular
- In PVC

Cat. No.	Dimensions L x W x H (mm)	€
391020	150 x 200 x 45	N/A -
391021	200 x 250 x 60	N/A -
391022	260 x 320 x 70	N/A -
391023	300 x350 x 80	N/A -
391024	300 x 430 x 90	N/A -
391025	420 x 520 x 90	N/A -
391026	530 x 675 x 100	N/A -
391027	420 x 540 x 180	N/A -



Polystyrene containers

Rectangular and round containers

- Crystal clear polystyrene
- With lid









Cat. No.	Type	L x l x H or ø x H (mm)	Vol. (ml)	Units/ box	€/ box
077301B	Rectangular	36 x 23 x 6	6	250	N/A -
077302	Rectangular	56 x 41 x 6	13	125	N/A -
077303	Rectangular	72 x 58 x 6	25	125	N/A -
077304B	Rectangular	200 x 75 x 12	NC	100	N/A -
077305	Round	26 x 8	4	125	N/A -
077306	Round, red lid	12 x 10	1	1000	N/A -
077307	Round	25 x 7	3	125	N/A -
077308	Round	25 x 13	6	125	N/A -
077309	Round	27 x 13	7	125	N/A -
077310	Round, Red PS lid	29 x 13	8	1000	N/A -
077311	Round	30 x 6	4	125	N/A -
077312	Round	38 x 5	5	125	N/A -
077313	Round	37 x 8	9	125	N/A -
077314	Round	38 x 10	11	125	N/A -
077315	Round	42 x 14	19	250	N/A -
077316	Round	45 x 8	12	250	N/A -

Cat. No.	Type	ø x H (mm)	Vol. (ml)	Units/ box	€/ box
077317	Round	45 x 15	23	250	N/A -
077318	Round	45 x 25	39	250	N/A -
077319	Round	48 x 13	24	250	N/A -
077320	Round	48 x 18	33	250	N/A -
077321	Round	48 x 23	43	250	N/A -
077322	Round	56 x 18	44	224	N/A -
077323	Round	58 x 14	36	224	N/A -
077324	Round	57 x 35	92	200	N/A -
077325B	Round	62 x 23	71	135	N/A -
077326	Round	71 x 15	61	250	N/A -
077327	Round	71 x 20	81	250	N/A -
077328B	Round	79 x 15	75	125	N/A -
077329	Round	80 x 25	125	150	N/A -
077331B	Round	99 x 30	235	104	N/A -
077334	Round	116 x 80	845	30	N/A -

Polystyrene storage box

- Hinged lid
- In polystyrene
- Storage box with 9 compartments
- Compartment dimensions:
  - L x W: 34 x 40 mm (8 compartments);
  - 30 x 82 mm (1 compartment)
- Tot. Dim. (L x W x H): 182 x 90 x 31 mm



Cat. No.	Description	€
393004	Polystyrene storage box	N/A -

Transparent Storage boxes

Universal transparent boxes for storing small consumables, various parts.

- Stackable
- Self-locking
- Covering lid

Cat. No.	Box dim. (mm)	Units/ box	€/ box
039452	60 x 45 x 50	5	N/A -
039453	90 x 60 x 50	5	N/A -
039454	120 x 90 x 50	2	N/A -
039455	180 x 120 x 75	1	N/A -
039456	240 x 180 x 100	1	N/A -
039457	360 x 240 x 140	1	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Polystyrene boxes

VARIBOX Multi-purpose box



- In transparent polystyrene
- Stackable, coding on the side, for 5 stackable plates
- Can be used as a reservoir, electrophoresis staining tray or storage box
- H x W x L: 78 x 120 x 156 mm

Cat. No.	Description	Units/ box	€/ box
442023	Varibox	4	N/A -

Polypropylene boxes

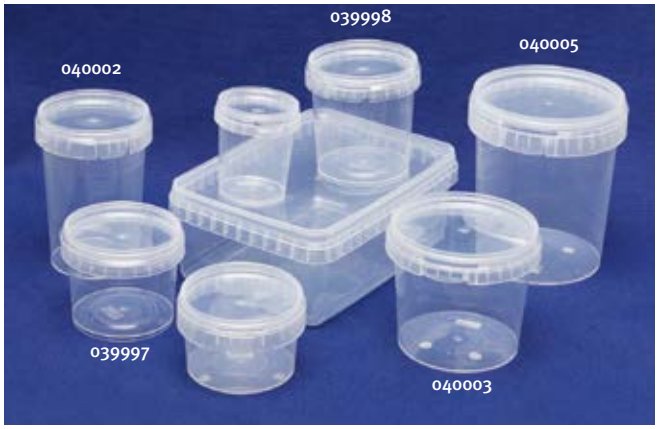
Stackable polypropylene bins



- Graduated
- For use from - 40 °C to + 100 °C

Single bins			Single lids for bins			
Cat. No.	L x W x H (mm)	€	Blue	Green	Yellow	€
039606	265 x 325 x 100	N/A -	039657	039658	039659	N/A -
039607	265 x 325 x 150	N/A -	039657	039658	039659	N/A -
039608	176 x 325 x 100	N/A -	039660	039661	039662	N/A -
039609	176 x 325 x 150	N/A -	039660	039661	039662	N/A -

Multi-purpose plastic boxes



- High density Polypropylene
- Tamper-proof closure, perfect seal
- Suitable for food products
- Standard colours crystal
- Supplied with lids

Cat. No.	Out. Dimensions ø x H or L x W x H (mm)	Volume (ml)	€
039997	95 x 64.3	280	N/A -
039998	95 x 83.5	365	N/A -
040002	95 x 118	520	N/A -
040003	118 x 87.5	565	N/A -
040005	133 x 130	1180	N/A -
540140	128 x 128 x 89	900	N/A -

Polypropylene boxes

Rectangular Storage boxes

- Made of polypropylene
- Résistance from - 40 to + 130 °C
- Lids sold separately



Boxes					Lids		
Cat. No.	L x D x H (mm)	Vol. (ml)	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
711963	120 x 82 x 40	280	10	N/A -	711966	10	N/A -
711964	120 x 82 x 70	480	10	N/A -	711966	10	N/A -

Storage boxes

- Polypropylene square boxes
- Waterproof, secure snap closure
- Hinges
- Not autoclavable, not sterile
- Other sizes available: please contact us



Cat. No.	Dimensions (mm)	Units/ box	€/ box
734037	67 x 67 x 40	5	N/A -
734038	85 x 85 x 40	10	N/A -
734039B	100 x 100 x 40	110	N/A -
734040	125 x 125 x 40	10	N/A -
734041	160 x 160 x 40	10	N/A -
734042B	200 x 200 x 40	40	N/A -

Tubby containers

- Made of High Impact polypropylene



Cat. No.	Description	Dimensions (mm)	€
037793	Kit 5 bottoms + 5 lids + 15 spacers	330 x 200 x 115	N/A -

PMMA boxes

Crystal boxes

- Transparent PMMA
- Hinged
- Food safe
- Stackable and nestable
- Reinforced lid
- Protects agains moisture and dust
- Sealed (gasket)



Cat. No.	Int. Dimensions L x W x H (mm)	€
540035	150 x 70 x 70	N/A -
540036	160 x 110 x 40	N/A -
540037	117 x 117 x 119	N/A -
540038	188 x 140 x 68	N/A -
540039	240 x 180 x 80	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Aluminium boxes

ZARGES BOX



- Aluminium case
- Stainless steel lid with hinges
- Two straps
- Sealing gasket
- Lockable lid with lock, padlockable
- Carrying handles

Cat. No.	Ext. dimension L x W x H (mm)	Int. dimensions L x W x H (mm)	Volume (l)	€
670568	500 x 340 x 200	450 x 290 x 180	24	N/A -
670569	600 x 400 x 240	550 x 350 x 220	42	N/A -
670567	600 x 400 x 330	550 x 350 x 310	60	N/A -
670570	800 x 400 x 330	750 x 350 x 310	81	N/A -
670571	900 x 500 x 370	850 x 450 x 350	135	N/A -

Transport boxes and baskets

Safety box and supports





- Made of polycarbonate, fully autoclavable
- For the transport of biological samples
- Including stainless steel carrying handle
- Silicone seal + 4 side attachments
- Approved by the World Health Organization
- L x W x H: 330 x 175 x 180 mm

Stainless steel construction

For 10 containers of up to 200 ml and 4 containers of 30 ml.

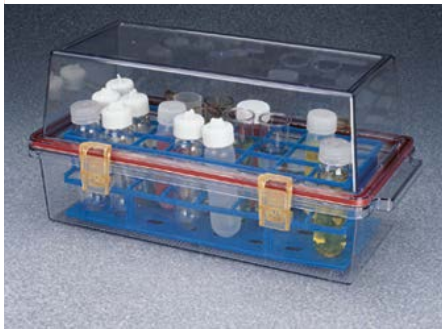
Cat. No.	Description	€
391486	Rack for 10 containers ø 60 mm and 4 containers ø 25 mm	N/A -

Cat. No.	Description	€
391483	Safety Box with handles	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
391484	Spare closure attachments	4	N/A -
391485	Spare silicone seal	1	N/A -

Nalgene™ Transport box



Closed transport system made of transparent polycarbonate to protect the user during sample transport.

- For use with Unwire racks
- Internal moulded handles, optional stainless steel handle
- Clamp closures ensure good seal
- In compliance with OSHA pathogen transport standard
- Standard 29 CFR Part 1910.1030
- Can be autoclaved when dismantled
- Dimensions L x D x H: 370 x 185 x 173 mm

Cat. No.	Description	€
028014	Transport box	N/A -
029661	Stainless steel handle	N/A -

Transport boxes and baskets

Transport tray to be mounted

- Made of corrugated polypropylene
- Self-assembling
- Not affected by humidity
- Can be used with or without the included dividers
- Stackable

Cat. No.	Number of spaces	Ø max (mm)	Dim. W x D x H (mm)	Units/ box	€/ box
320523	24	58	406 x 460 x 89	10	N/A -



Drawers

Eco drawer

- Modular system of transparent drawers that can be stacked and pulled out on both sides
- Made of polypropylene
- Supplied with clips to join the drawers horizontally
- Ideal for light loads

Cat. No.	Ext. dimension L x W x H (mm)	Capacity per drawer (l)	€
040137	596 x 390 x 213	36	N/A -
040138	196 x 390 x 160	7	N/A -
040139	396 x 390 x 213	23	N/A -
040140	296 x 390 x 160	12	N/A -



Storage drawer-boxes



Transparent polystyrene boxes, ideal for modular storage in the laboratory. The choice of sizes and configurations of dividers offers an infinite variety of storage combinations.

Dimensions (mm)					Dividers		
Capacity (cm³)		Long.	Width	Height	Longitudinal	Transversal	1/2 transvers.
1900	ext.	235	168	72			
	int.	204	156	60	1901	1902	1903
2000	ext.	275	166	61			
	int.	247	156	52	2001	2002	2003
7000	ext.	335	210	125			
	int.	330	195	110	7001	7002	7003
10000	ext.	410	265	125			
	int.	365	250	110	10001	10002	10003
30000	ext.	542	322	216			
	int.	500	300	200			

- In transparent polystyrene, full visibility
- No tools required
- Label holder

Single drawers

Capacity (cm³)	1 900	2 000	7 000	10 000	30 000
Cat. No.	039460	039464	039468	039472	039476
€	N/A -	N/A -	N/A -	N/A -	N/A -

Dividers

Type	1 901	2 001	7 001	10 001
Cat. No.	039461	039465	039469	039473
€	N/A -	N/A -	N/A -	N/A -
Type	1 902	2 002	7 002	10 002
Cat. No.	039462	039466	039470	039474
€	N/A -	N/A -	N/A -	N/A -
Type	1 903	2 003	7 003	10 003
Cat. No.	039463	039467	039471	039475
€	N/A -	N/A -	N/A -	N/A -

Labels (white)

Cat. No.	Description	€
039477	Label fox drawer-boxes 7000, 10 000, 30 0000 cm³	N/A -
039478	Label fox drawer-boxe 2000 cm³	N/A -
039479	Label fox drawer-boxe 1900 cm³	N/A -

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Drawers

Multiroir crystal Storage drawers



- "Unbreakable" drawers that fit perfectly into the 600 x 400 standard and/or the "full-empty" system
- Small and large interchangeable drawers
- Fully transparent
- Polycarbonate, highly impact resistant
- Autoclavable
- Each drawer can be divided into 8
- Anti-drop stop on each drawer
- Labels delivered in sheets

Cat. No.	Description	Units/ box	€/ box
040101	Unit and large drawer 355 x 185 x 101 mm	1	N/A -
040102	Unit and 2 small drawers 355 x 185 x 101 mm	1	N/A -
039980	Large drawer - 320 x 172 x 92 mm	12	N/A -
039981	Small drawer - 320 x 82 x 92 mm	12	N/A -
039982	Transversal Separation for large drawer 171 x 84 mm	1	N/A -
039983	Transversal Separation for small drawer 82 x 84 mm	1	N/A -

SOLOBOX drawer-trays



- Stackable
- Made of polypropylene
- Large storage capacity
- Grey or white body
- Translucent drawer

Cat. No.	Colours	L x W x H (mm)	Units/ box	€/ box
039917	White	370 x 263 x 174	6	N/A -
039918	Petrol	370 x 263 x 174	6	N/A -

Removable tilting drawer trays



- In ABS
- Colour of the unit: beige
- Drawer colour: transparent
- 45° front opening

Cat. No.	Number of drawers	L x W x H ext. (mm)	€
039484	2	600 x 299 x 353	N/A -
039485	3	600 x 197 x 240	N/A -
039486	4	600 x 168 x 207	N/A -
039487	5	600 x 133 x 164	N/A -
039488	6	600 x 91 x 113	N/A -

Storage modules

Multiple storage rack

Allows for storage of:
- a glove dispenser box;
- a Parafilm® roll, 5 cm or 10 cm wide;
- A Kimwipes® o Kimtech® box; various products (microtubes, tips, etc.) in two upper bins with hinged lids.

Cat. No.	Description	€
037749	Multiple storage rack	N/A -



Dispenser for protective accessories

Acrylic dispensers that hold earplugs, shoe covers and masks.

- **L x W x H (mm): 203 x 203 x 406 (except 320730: 227 x 162 x 156)**
- **In acrylic**
- **Easy access for accessories**
- **Can be placed on the bench or fixed to the wall**

Cat. No.	Description	Colours	€
037939	Dispenser for 20 pairs of glasses	Blue	N/A -
320730	Dispenser for 10 pairs of glasses	Blue	N/A -
037941	Dispenser for earplugs	Green	N/A -
037942	Soft cover dispenser	Natural	N/A -

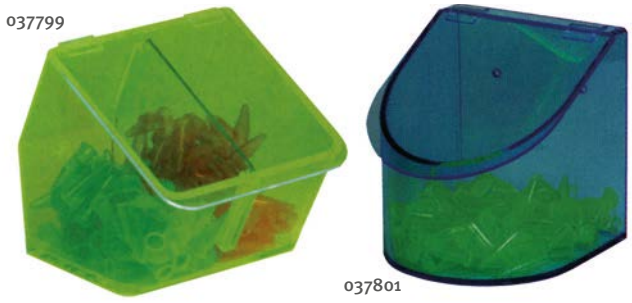


Hinged lid storage boxes

2 models: single compartment, or double compartment with removable inner wall.

- **Wide-brimmed lid for easy opening when wearing gloves (remains in open position)**
- **With anti-slip rubber pads**
- **Holes at the back for wall mounting**

Cat. No.	Type of compartment	Dimensions (mm)	Colours	€
037801	Simple	155 x 155 x 170	Neon blue	N/A -
037799	Double	180 x 155 x 165	Neon green	N/A -

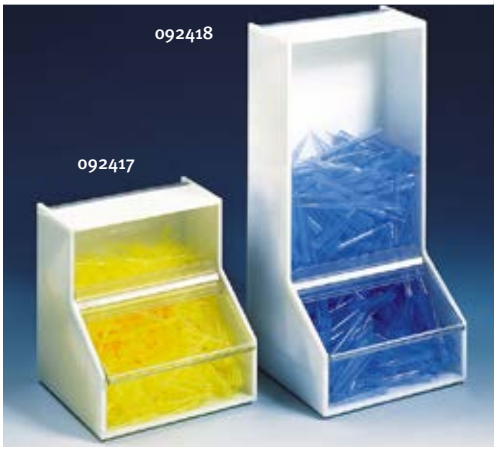


VARIBOX Multi-purpose box

For the storage and distribution of consumables and small laboratory equipment (tips, microtubes, Pasteur pipettes, etc.)

- **Made of robust PMMA**
- **Top lid**
- **Hinged front opening**
- **White body with transparent front**

Cat. No.	L x W x H (mm)	€
092417	165 x 152 x 178	N/A -
092418	165 x 152 x 355	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Storage modules

Laboratory storage racks







- **Magnetic holder: each holder has 4 magnets of 9 mm ø and 6 mm thickness**
- **In ABS**

Cat. No.	Description	Colours	Dimensions W x D x H (mm):	€
320042	Holder for wiper box (11 x 21 cm)	Green	130 x 91 x 98	**N/A -**
320044	Holder for 2 pipettes	Violet	131 x 112 x 76	**N/A -**
320045	Storage box (pens, notes, etc.)	Orange	130 x 78 x 102	**N/A -**
320041	Assorted*	Assorted	-	**N/A -**

* includes 4 supports

Storage boxes 1 to 4 compartments with hinged lid



- **In acrylic**
- **Models with 1 to 4 compartments**
- **For the storage of tubes or utensils used permanently**

Cat. No.	Number of compartments	Dimensions (mm)	€
037802	1	184 x 194 x 232	**N/A -**
037803	2	150 x 177 x 368	**N/A -**
037804	3	217 x 170 x 217	**N/A -**
037805	4	287 x 170 x 217	**N/A -**

Plastic spout trays



- **Stackable**
- **Resistant to most acids and chemicals**
- **Breakage and impact resistant**
- **Operating temperature: -20 °C to + 100 °C**
- **Smooth internal walls**

Volume (l)	External Dim. L x W x H (mm)	Internal Dim. L x W x H (mm)	Blue	Red	€
1.15	215 x 100 x 75	185 x 85 x 65	**040168**	**040169**	**N/A -**
3	230 x 150 x 125	200 x 130 x 115	**040170**	**040171**	**N/A -**
5	315 x 150 x 125	275 x 130 x 115	**040172**	**040173**	**N/A -**
8	350 x 210 x 150	300 x 185 x 140	**040174**	**040175**	**N/A -**
23	500 x 315 x 200	450 x 280 x 190	**040176**	**040177**	**N/A -**

Polystyrene beakers, without handle

Single-use beakers

- In translucent polystyrene
- With 4 spouts
- Good chemical resistance: diluted acids, bases, alcohols, aqueous solutions
- Applications: atomic absorption, blood cell counting, flame photometry



Cat. No.	Volume (ml)	Units/ box	€/ box
045109	5	1000	N/A -
045110	10	1000	N/A -
045111	20	500	N/A -
045112	50	500	N/A -
045113	150	100	N/A -
045114	250	100	N/A -

SAN Beakers, with handle

SAN handle measures

- Transparent
- Graduation in the body
- Food use
- Made of SAN polystyrene



Cat. No.	Volume (ml)	Division (ml)	Height (mm)	Diameter (mm)	Units/ box	€/ box
068668	250	5	120	70	12	N/A -
068669	500	10	133	91	12	N/A -
068670	1000	10	170	116	6	N/A -
068671	2000	20	215	150	6	N/A -
068672	3000	50	242	170	6	N/A -

Polypropylene beakers, without handle

Azlon® PP low profile beakers

- Heat resistant up to +121 °C
- Solvent-resistant printed graduation
- Compliant with the 7056 standard
- Autoclavable



Cat. No.	Volume (ml)	Graduations (ml)	out. Ø (mm)	Height (mm)	Units/ box	€/ box
251516	10	2	27	36	12	N/A -
251517	25	5	35	50	12	N/A -
251518	50	10	42	60	12	N/A -
251519	100	10	51	69	12	N/A -
251520	250	25	71	94	12	N/A -
251521	400	50	80	111	6	N/A -
251522	500	50	87	117	6	N/A -
251523	600	50	95	125	6	N/A -
251524	1000	100	107	148	6	N/A -
251525	2000	200	131	187	6	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Polypropylene beakers, without handle

Nalgene™ Beakers



Capacity (ml)	Units/ bag	Cat. No.	€/ bag
30	12	028857	N/A -
50	12	028858	N/A -
100	12	028859	N/A -
150	12	028860	N/A -
250	6	028861	N/A -
400	6	028862	N/A -
600	4	028863	N/A -
1000	3	028864	N/A -
2000	1	028865	N/A -
4000	1	028866	N/A -

- In translucent polypropylene or transparent polymethylpentene
- Autoclavable
- Graduations printed in blue

Nalgene™ translucent polypropylene beaker variety pack

Cat. No.	Description	€
128018	Variety pack - contains 1 beaker of each of the following volumes: 50 ml, 100 ml, 150 ml, 250 ml, 400 ml, 600 ml, 1000 ml	N/A -

Polypropylene beakers



- Polypropylene versions
- Stackable shape for space saving storage
- Easy-to-read markings
- Non-drip spout
- Autoclavable

Capacity (ml)	Height (mm)	Units/ box	Cat. No.	€/ box
50	59	12	224002	N/A -
100	73	12	224003	N/A -
250	94	12	224004	N/A -
500	128	6	224005	N/A -
1000	150	4	224006	N/A -
2000	190	4	224007	N/A -
5000	263	2	224008	N/A -
10000	328	1	224009	N/A -

DWK LIFE SCIENCES — Azlon® Clear polypropylene beakers, graduated, with spout



- Translucent polypropylene beakers with screen-printed blue graduations
- Autoclavable at +121 °C
- Excellent chemical resistance

Cat. No.	Volume (ml)	Graduation (ml)	Inner. ø (mm)	Out. ø (mm)	Height (mm)	Units/ box	€/ box
090040	25	5	35	41	51	1	N/A -
090041	50	10	39	50	61	1	N/A -
090042	100	20	48	61	73	1	N/A -
090043	250	50	65	80	96	1	N/A -
090044	500	50	84	102	121	1	N/A -
090045	1000	100	99	120	148	1	N/A -
090046	2000	200	125	163	188	1	N/A -

Polypropylene beakers, without handle

Economical polypropylene beakers





Low-profile graduated polypropylene beakers.

- Moulded or screen-printed graduations
- Autoclavable
- Spout

			Moulded gradations			Sreen-printed graduations		
Volume (ml)	Graduation (ml)	Ø x H (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
25	1	34 x 49	391127	20	N/A -	391136	20	N/A -
50	2	41 x 60	391128	20	N/A -	391137	20	N/A -
100	5	51 x 72	391129	12	N/A -	391138	12	N/A -
250	10	71 x 95	391130	16	N/A -	391139	16	N/A -
500	10	87 x 119	391131	12	N/A -	391140	12	N/A -
1000	20	109 x 147	391132	4	N/A -	391141	4	N/A -
2000	50	132 x 183	391133	4	N/A -	391142	4	N/A -
3000	500	158 x 201	391134	2	N/A -	391143	2	N/A -
5000	500	188 x 229	391135	2	N/A -	391144	2	N/A -

Large volume polypropylene beakers

Simport

- Polypropylene, autoclavable at +121 °C
- Graduated
- Spout

Cat. No.	Volume (l)	top ø x bottom ø x height (mm)	€
088699	5	222 x 165 x 273	N/A -
086655	10	286 x 222 x 320	N/A -



Tricorn Simport® Beakers

- Made of polypropylene
- Autoclavable
- With 3 spouts
- Unbreakable
- Single use

Cat. No.	Volume (ml)	Graduations	Ø x H (mm)	Units/ box	€/ box
039276	50	5	47 x 57	100	N/A -
039277	100	10	58 x 72	100	N/A -
039275	250	10	76 x 90	100	N/A -
039278	400	20	85 x 108	100	N/A -
039279	800	50	107 x 133	100	N/A -
039280	1000	50	115 x 145	100	N/A -



Economic Tricorn Beakers

- Three-spout beakers
- Made of polypropylene
- Light
- Single use

Cat. No.	Volume (ml)	Units/ box	€/ box
010187	50	25	N/A -
010188	100	25	N/A -
010189	250	25	N/A -
010191	400	25	N/A -
010192	800	25	N/A -
010193	1000	25	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Polypropylene beakers, with handle

Azlon® Graduated jugs, approved for food contact



- Transparent polypropylene, autoclavable
- Certified for food contact
- With handle and spout
- Screen-printed or moulded graduations

Graduation			Screen printed		Moulded	
Volume (ml)	Ø x h (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
50	45 x 68	5	041267	N/A -	-	-
100	61 x 72	5	041268	N/A -	785461	N/A -
250	70 x 120	1	041269	N/A -	232774	N/A -
500	90 x 140	1	041270	N/A -	785462	N/A -
1000	104 x 180	1	041271	N/A -	232824	N/A -
2000	150 x 214	1	041272	N/A -	232825	N/A -
3000	152 x 240	1	041273	N/A -	991526	N/A -
5000	200 x 270	1	041274	N/A -	090495	N/A -

Low and high form jugs

- Moulded gradations
- Made of polypropylene
- Autoclavable
- Large handle
- Spout



High shape jugs

Cat. No.	Volume (ml)	Graduation (ml)	Ø x H (mm)	€
391159	250	5	73 x 119	N/A -
391160	500	10	93 x 140	N/A -
391161	1000	20	117 x 169	N/A -
391162	2000	50	149 x 213	N/A -
391163	3000	50	172 x 240	N/A -

Low shape jugs

Cat. No.	Volume (ml)	Graduation (ml)	Ø x H (mm)	€
391514	500	25	90 x 116	N/A -
391515	1000	50	116 x 131	N/A -
391516	2000	50	145 x 165	N/A -
391517	3000	100	165 x 180	N/A -
391518	5000	250	190 x 225	N/A -

Large volume jugs



088702

- Made of polypropylene
- Moulded gradations
- Handle

Cat. No.	Volume (l)	top ø x bottom ø x height (mm)	€
088701	5	215 x 152 x 270	N/A -
088702	10	317 x 222 x 320	N/A -

High density polyethylene beakers, with handle

Nalgene™ Beakers with handle



- Molded graduations in ounces and milliliters
- Large, easy-to-grip handle

Capacity	Units/ bag	Cat. No.	€/ bag
1 litre	1	028887	N/A -
3 litres	1	028888	N/A -

TPX beakers, without handle

Nalgene™ Beakers

- In translucent polypropylene or transparent polymethylpentene
- Autoclavable
- Graduations printed in blue

Capacity (ml)	Units/ bag	Cat. No.	€/ bag
50	12	028878	N/A -
100	12	028879	N/A -
150	12	028880	N/A -
250	6	028881	N/A -
400	6	028882	N/A -
600	4	028883	N/A -
1000	3	028884	N/A -
2000	1	028885	N/A -
4000	1	028886	N/A -



Azlon® PMP (TPX) Graduated low-form beakers

DWK LIFE SCIENCES

- Heat resistant up to +150 °C
- Solvent-resistant printed graduations
- Compliant with the 7056 standard
- Autoclavable

Volume (ml)	Graduations (ml)	out. Ø (mm)	Height (mm)	Cat. No.	Units/ box	€/ box
25	5	35	50	251526	12	N/A -
50	10	42	60	251527	12	N/A -
100	10	51	69	251528	12	N/A -
250	25	71	94	251529	6	N/A -
500	50	87	117	251531	6	N/A -
600	50	95	125	251532	6	N/A -
1000	100	107	148	251533	6	N/A -
2000	200	131	187	251534	6	N/A -



TPX beakers

- Highly transparent, autoclavable
- Two types of graduations: moulded in relief or screen-printed blue
- Excellent chemical resistance
- Suitable for food

		Moulded grad.			Screen printed grad.		
Volume (ml)	Ø x H (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
25	34 x 49	391562	20	N/A -	391553	20	N/A -
50	42 x 60	391563	20	N/A -	391554	20	N/A -
100	52 x 72	391564	12	N/A -	391555	12	N/A -
250	71 x 95	391565	16	N/A -	391556	16	N/A -
500	88 x 119	391566	12	N/A -	391557	12	N/A -
1000	110 x 146	391567	4	N/A -	391558	4	N/A -
2000	133 x 184	391568	4	N/A -	391559	4	N/A -
3000	159 x 200	391569	2	N/A -	391560	2	N/A -
5000	190 x 228	391570	2	N/A -	391561	2	N/A -



Moulded grad.



Screen printed grad.

TPX beakers

- Polymethylpentene (TPX) version
- Stackable shape for space saving storage
- Easy-to-read markings
- Non-drip spout
- Autoclavable

Capacity (ml)	Height (mm)	Units/ box	Cat. No.	€/ box
50	59	12	224010	N/A -
100	73	12	224011	N/A -
250	94	12	224012	N/A -
500	128	6	224013	N/A -
1000	150	4	224014	N/A -
2000	190	4	224015	N/A -
5000	263	2	224016	N/A -
10000	328	1	224017	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

TPX Beakers, with handle

Beakers with handle



- Polypropylene or polymethylpentene (TPX) versions
- Easy to grip handle
- Easy-to-read markings
- Non-drip spout
- Autoclavable

			Polypropylene		TPX version	
Capacity (ml)	Height (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
100	73	6	224018	N/A -	224025	N/A -
250	94	6	224019	N/A -	224026	N/A -
500	128	6	224020	N/A -	224027	N/A -
1000	150	4	224021	N/A -	224028	N/A -
2000	192	4	224022	N/A -	224029	N/A -
5000	263	2	224023	N/A -	224030	N/A -
10000	330	1	224024	N/A -	224031	N/A -

Thermo SCIENTIFIC NALGENE

Nalgene™ Beakers with handle



- In transparent polymethylpentene
- Molded graduations in ounces and milliliters
- Autoclavable
- Large, easy-to-grip handle

Capacity	Units/ bag	Cat. No.	€/ bag
1 litre	1	028889	N/A -
3 litres	1	028890	N/A -

PFA beakers, without handle

PFA Graduated beakers



- According to ISO 7056
- Translucent
- Highly legible embossed markings that are resistant to abrasion during frequent use
- Possibility of variable overlapping: space saving
- Autoclavable
- Easy to clean
- Temperature resistant from -200 °C to +260 °C
- High resistance to temperature variations and chemicals

Cat. No.	Capacity (ml)	Graduation (ml)	Height (mm)	Diameter (mm)	€
068781	25	5	50	32	N/A -
068782	50	10	59	39	N/A -
068783	100	20	72	50	N/A -
068784	250	50	96	67	N/A -
068785	500	100	122	88	N/A -
068786	1000	100	141	109	N/A -

PTFE beakers, without handle

PTFE beakers, low form without graduation



- PTFE
- Reinforced edge
- Spout
- Without separation
- Excellent chemical and thermal resistance

Cat. No.	Capacity (ml)	Diameter (mm)	Height (mm)	€
068795	5	20	28	N/A -
068796	10	25	33	N/A -
068797	25	33	45	N/A -
068798	50	45	60	N/A -
068799	100	55	65	N/A -
068800	250	70	95	N/A -
068801	500	80	125	N/A -
068802	1000	105	155	N/A -

Polypropylene measuring cylinders

Azlon® Polypropylene Measuring cylinders, low form

DWK LIFE SCIENCES

Cat. No.	Vol. (ml)	Height (mm)	Tolerance (± ml)	Units/ box	€/ box
232718	100	163	2	5	N/A -
232719	250	192	5	1	N/A -
232720	500	218	10	1	N/A -
232721	1000	285	20	1	N/A -

- Made of high clarity polypropylene
- Low form
- Round base with drain
- Moulded graduations with blue printing



Graduated cylinders, low form

Polypropylene Low form Graduated cylinder.

- Moulded graduations
- Excellent chemical resistance
- Autoclavable

Cat. No.	Vol. (ml)	Graduation (ml)	Divisions (ml)	Diameter (mm)	Height (mm)	Units/ box	€/ box
391145	10	2	0.25	16	88	10	N/A -
391146	25	5	1	22	107	10	N/A -
391147	50	10	2.5	29	143	12	N/A -
391148	100	25	5	34	178	8	N/A -
391149	250	50	10	45.5	264	4	N/A -
391107	500	100	10	55.5	305	4	N/A -
391108	1000	200	25	70	332	2	N/A -
391150	2000	400	50	92	371	2	N/A -



Azlon® Graduated cylinders in translucent polypropylene

DWK LIFE SCIENCES

		Moulded gradations			Sreen-printed graduations		
Vol. (ml)	Ø x H (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
10	14 x 140	001964	10	N/A -	090208	1	N/A -
25	20 x 170	090209	1	N/A -	002042	1	N/A -
50	26 x 200	7CP0050P	10	N/A -	090202	1	N/A -
100	31 x 250	7CP0100P	5	N/A -	090203	1	N/A -
250	42 x 315	7CP0250P	1	N/A -	090204	1	N/A -
500	55 x 360	7CP0500P	1	N/A -	090205	1	N/A -
1000	66 x 440	7CP1000P	1	N/A -	090206	1	N/A -
2000	83 x 535	090207	1	N/A -	002043	1	N/A -

- Made of translucent polypropylene
- Screen printed
- Graduated
- With spout



Set of 6 measuring cylinders with moulded-in graduations

(one from each of the following volumes: 110, 25 50, 100, 250 and 500 ml)

Cat. No.	Description	€ the pack
001965	Pack with 6 measuring cylinders	N/A -

Nalgene™ Polypropylene graduated measuring cylinders

Thermo SCIENTIFIC NALGENE

- With blue base
- Class B
- Moulded gradations
- Autoclavable

Capacity (ml)	Increment (ml)	Accuracy (ml)	Cat. No. PP	€
10	0.2	+/- 0.20	028824	N/A -
25	0.5	+/- 0.34	028825	N/A -
50	1	+/- 0.50	028826	N/A -
100	1	+/- 1	028827	N/A -
250	2	+/- 2	028828	N/A -
500	5	+/- 4	028829	N/A -
1000	10	+/- 6	028830	N/A -
2000	20	+/- 12	028831	N/A -
4000	50	+/- 29	028832	N/A -



Variety pack of polypropylene measuring cylinders

Cat. No.	Pack content	€
128019	1 measuring cylinder of each of the following volumes: 10 ml, 25 ml, 50 ml, 100 ml, 250 ml, 500 ml, 1000 ml	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Polypropylene measuring cylinders

Nalgene™ Economic measuring cylinders



- Moulded gradations
- Made of translucent polypropylene

Capacity (ml)	Increment (ml)	Cat. No.	€
10	0.2	028842	N/A -
25	0.5	028843	N/A -
50	1	028844	N/A -
100	1	028845	N/A -
250	2	028846	N/A -
500	5	028847	N/A -
1000	10	028848	N/A -

Polypropylene economic measuring cylinders



- Polypropylene, autoclavable at +121 °C for 20 minutes
- According to ISO 6706-1981 and BS 5404 (2nd part 1977) special polypropylene, highly transparent
- Withstand temperatures of +100 °C during continuous use
- Permanent embossed graduations
- Excellent chemical resistance

Cat. No.	Vol. (ml)	Graduation (ml)	Divisions (ml)	Accuracy (ml)	Ø x H (mm)	Units/ box	€/ box
046608	10	2	0.2	+/- 0.2	13.5 x 140	1	N/A -
046609	25	5	0.5	+/- 0.5	18 x 195	1	N/A -
046610	50	10	1	+/- 1.0	25.5 x 199	1	N/A -
046611	100	10	1	+/- 1.0	30.5 x 249	1	N/A -
046612	250	20	2	+/- 2.0	41.5 x 315	1	N/A -
046613	500	50	5	+/- 5.0	55 x 361	1	N/A -
046614	1000	100	10	+/- 10.0	66 x 439	1	N/A -
391341	2000	200	20	+/- 20.0	84 x 531	6	N/A -

High form measuring cylinders with blue graduations



- Material: special polypropylene
- Very transparent
- Autoclavable at +121 °C for 20 minutes
- According to ISO 6706 – 1981 and BS 5404 (2nd part 1977) standards
- Can withstand temperatures of +100 °C during continuous use
- Permanent gradations
- Water-repellent walls
- Total absence of meniscus

Vol. (ml)	Grad. (ml)	Division (ml)	Accuracy (ml)	Ø x H (mm)	Units/ box	Cat. No.	€/ box
10	2	0.2	+/- 0.2	13.5 x 140	10	391350	N/A -
25	5	0.5	+/- 0.5	18 x 195	30	391351	N/A -
50	10	1	+/- 1.0	25.5 x 199	30	391352	N/A -
100	10	1	+/- 1.0	30.5 x 249	30	391353	N/A -
250	20	2	+/- 2.0	41.5 x 315	12	391354	N/A -
500	50	5	+/- 5.0	55 x 361	12	391355	N/A -
1000	100	10	+/- 10.0	66 x 439	6	391356	N/A -
2000	200	20	+/- 20.0	84 x 531	2	391357	N/A -

Graduated polypropylene measuring cylinders



- Easy to read moulded graduations
- Large non-drip spouts
- Hexagonal base for more stability
- Autoclavable
- Precision standard: DIN 1261 / ISO 6706

Capacity (ml)	Gradations (ml)	Margin of error (mm)	Height (mm)	Units/ box	Cat. No.	€/ box
10	0.2	± 0.2	138	12	224032	N/A -
25	0.5	± 0.5	170	12	224033	N/A -
50	1	± 1	198	12	224034	N/A -
100	1	± 1	257	6	224035	N/A -
250	2	± 2	314	6	224036	N/A -
500	5	± 5	344	3	224037	N/A -
1000	10	± 10	412	3	224038	N/A -
2000	20	± 20	482	3	224039	N/A -

TPX measuring cylinders

PMP class A Graduated measuring cylinders

- High shape
- Class A according to DIN 12681 and ISO 6706
- Transparent, graduated in the body printed in blue
- Hexagonal base
- Accuracy controlled by part and marked with an "H", calibrated to contain "In"
- With a batch certificate
- Autoclavable up to +121 °C
- To protect the graduation, clean up to a maximum of +60 °C



Cat. No.	Capacity (ml)	Tolerance (± ml)	Graduation (ml)	Height (mm)	Diameter (mm)	Units/ box	€/ box
090672B	10	0.1	0.2	145	12	2	N/A -
068766	25	0.2	0.5	169	21	2	N/A -
068767	50	0.2	1	199	26	2	N/A -
068768	100	0.4	1	260	34	2	N/A -
068769	250	0.4	2	315	47	2	N/A -
068770	500	1.4	5	350	61	2	N/A -
068771	1000	2.5	10	415	76	1	N/A -
068772	2000	5	20	482	97	1	N/A -



Find PMP measuring cylinders with embossed graduation, class A on www.dulis.nl

Graduated cylinders, low form

Polypropylene or TPX Graduated cylinder, Low form

- Moulded gradations
- Excellent chemical resistance
- Autoclavable



Cat. No.	Vol. (ml)	Graduation (ml)	Divisions (ml)	Diameter (mm)	Height (mm)	Units/ box	€/ box
391151	10	2	0.25	16	87	10	N/A -
391152	25	5	1	22	107	10	N/A -
391153	50	10	2.5	29	143	12	N/A -
391154	100	25	5	34.5	177	8	N/A -
391155	250	50	10	46	263	4	N/A -
391156	500	100	10	56	302	4	N/A -
391157	1000	200	25	71	331	2	N/A -
391158	2000	400	50	92	369	2	N/A -

Azlon®TPX Transparent Graduated Measuring cylinders

DWK LIFE SCIENCES

Transparent Polymethylpentene (TPX) graduated measuring cylinders, Autoclavable

- Can withstand temperatures up to +170 °C
- Non-drip spout
- Screen-printed or moulded blue graduations
- Class B



			Sreen-printed graduations			Moulded gradations		
Volume (ml)	Height (mm)	Graduation (ml)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
10	145	0.2	001060	10	N/A -	232767	10	N/A -
25	170	0.5	232771	5	N/A -	001061	5	N/A -
50	200	1	001062	5	N/A -	232768	5	N/A -
100	250	1	001063	5	N/A -	785419	5	N/A -
250	315	2	-	-	-	232769	1	N/A -
500	360	5	-	-	-	232770	1	N/A -
1000	440	10	-	-	-	991629	1	N/A -
2000	535	20	001067	1	N/A -	991630	1	N/A -

Nalgene™TPX Graduated measuring cylinders

Capacity (ml)	Increment (ml)	Accuracy (ml)	Cat. No.	€
10	0.2	+/- 0.20	028833	N/A -
25	0.5	+/- 0.34	028834	N/A -
50	1	+/- 0.50	028835	N/A -
100	1	+/- 1	028836	N/A -
250	2	+/- 2	028837	N/A -
500	5	+/- 4	028838	N/A -
1000	10	+/- 6	028839	N/A -
2000	20	+/- 12	028840	N/A -
4000	50	+/- 29	028841	N/A -

- In transparent polymethylpentene (TPX)
- With blue base
- Class B
- Moulded gradations
- Autoclavable

Thermo SCIENTIFIC | NALGENE



All prices are indicative and exclude VAT. Visit www.dulis.nl

TPX measuring cylinders

Nalgene™ Economic measuring cylinders



- Moulded gradations
- In transparent polymethylpentene (TPX)

Capacity (ml)	Increment (ml)	Cat. No.	€
10	0.2	028849	N/A -
25	0.5	028850	N/A -
50	1	028851	N/A -
100	1	028852	N/A -
250	2	028853	N/A -
500	5	028854	N/A -
1000	10	028855	N/A -

High form measuring cylinders with blue graduations



- According to ISO 6706 – 1981 and BS 5404 (2nd part 1977)
- Perfectly transparent
- Autoclavable
- Used with liquids at temperatures up to +170 °C
- Water-repellent walls
- Total absence of meniscus
- Permanent gradations

Vol. (ml)	Grad. (ml)	Division (ml)	Accuracy (ml)	Ø x H (mm)	Units/ box	Cat. No.	€/ box
10	2	0.2	+/- 0.2	13.5 x 140	10	391358	N/A -
25	5	0.5	+/- 0.5	18 x 195	30	391359	N/A -
50	10	1	+/- 1.0	25.5 x 199	30	391360	N/A -
100	10	1	+/- 1.0	30.5 x 249	30	391361	N/A -
250	20	2	+/- 2.0	41.5 x 315	12	391362	N/A -
500	50	5	+/- 5.0	55 x 361	12	391363	N/A -
1000	100	10	+/- 10.0	66 x 439	6	391364	N/A -
2000	200	20	+/- 20.0	84 x 531	2	391365	N/A -

TPX Graduated measuring cylinders



- Polymethylpentene version
- Easy to read moulded graduations
- Large non-drip spouts
- Hexagonal base for more stability
- Autoclavable
- Precision standard: DIN 1261 / ISO 6706

Capacity (ml)	Gradations (ml)	Margin of error (mm)	Height (mm)	Units/ box	Cat. No.	€/ box
10	0.2	± 0.2	138	12	224040	N/A -
25	0.5	± 0.5	170	12	224041	N/A -
50	1	± 1	198	12	224042	N/A -
100	1	± 1	257	6	224043	N/A -
250	2	± 2	314	6	224044	N/A -
500	5	± 5	344	3	224045	N/A -
1000	10	± 10	412	3	224046	N/A -
2000	20	± 20	482	3	224047	N/A -

High quality polymethylpentene (TPX) graduated cylinders



- Easy to read moulded graduations
- Large non-drip spouts
- Hexagonal base for more stability
- Autoclavable
- High precision standard: DIN 12681

Cat. No.	Capacity (ml)	Gradations (ml)	Margin of error (mm)	Height (mm)	€
224048	10	0.2	± 0.1	138	N/A -
224049	25	0.5	± 0.25	170	N/A -
224050	50	1	± 0.5	198	N/A -
224051	100	1	± 0.5	257	N/A -
224052	250	2	± 1	314	N/A -
224053	500	5	± 2.5	344	N/A -
224054	1000	10	± 5	412	N/A -
224055	2000	20	± 10	482	N/A -

Polypropylene Erlenmeyer without cap

Nalgene™ Erlenmeyer

Thermo SCIENTIFIC NALGENE

- Autoclavable
- 2-litre model with moulded graduations

Cat. No.	Capacity (ml)	Cap number	Units/ bag	€/ bag
029007	125	3	12	N/A -
029008	250	6	6	N/A -
029009	500	7	4	N/A -
029010	1000	8	2	N/A -
029011	2000	10	2	N/A -



Economic Erlenmeyer

- Material: polypropylene
- For all common laboratory uses
- Standardised neck
- Autoclavable

Cat. No.	Graduation (ml)	Volume (ml)	NS Neck	Units/ box	€/ box
391388	10	50	14/23	20	N/A -
391389	25	125	14/23	20	N/A -
391390	25	250	19/26	15	N/A -
391391	50	500	24/29	8	N/A -
391392	50	1000	29/32	8	N/A -
391393	100	2000	34/35	4	N/A -



Polycarbonate Erlenmeyer flask without cap

Nalgene™ Erlenmeyer

Thermo SCIENTIFIC NALGENE

- For the preparation or storage of culture media
- Graduated
- Autoclavable
- Transparent

Cat. No.	Capacity (ml)	Cap number	Units/ bag	€/ bag
029013	125	5	12	N/A -
029014	250	6	6	N/A -



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Erlenmeyer flask with polypropylene cap

Azlon® Erlenmeyer flasks, wide and narrow neck

Polypropylene Erlenmeyer flask, wide neck, graduated



- With screw cap
- Made of polypropylene
- Very transparent
- With graduations
- Standardized ground joint
- Autoclavable

Volume (ml)	Graduation (ml)	CN neck	Cat. No.	€
50	10	34/35	**093002**	**N/A -**
100	20	34/35	**093003**	**N/A -**
250	50	45/40	**093004**	**N/A -**
500	100	45/40	**093005**	**N/A -**
1000	200	45/40	**093006**	**N/A -**

Polypropylene Erlenmeyer flask, narrow neck, graduated

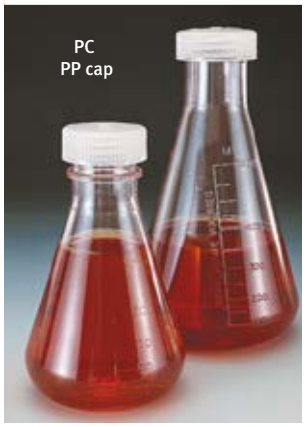


- Narrow neck
- LDPE cap
- Very transparent

Cat. No.	Capacity (ml)	Out ø (mm)	Height (mm)	CN neck	Units/ box	€/ box
092300B	50	52	90	34/35	6	**N/A -**
092301B	100	64	110	34/35	6	**N/A -**
092302B	250	85	140	45/40	6	**N/A -**
092303B	500	108	180	45/40	6	**N/A -**
092304B	1000	135	220	45/40	4	**N/A -**

Erlenmeyer flask with Polycarbonate cap

Nalgene™ Erlenmeyer flask with screw cap



- For the preparation or storage of culture media
- Cap without seal
- Autoclavable (loose cap)
- Transparent

Cat. No.	Capacity (ml)	Closure (mm)	Units/ bag	€/ bag
029019	125	33	6	**N/A -**
029020	250	38	4	**N/A -**
029021	500	43	4	**N/A -**

Erlenmeyer flask with TPX cap

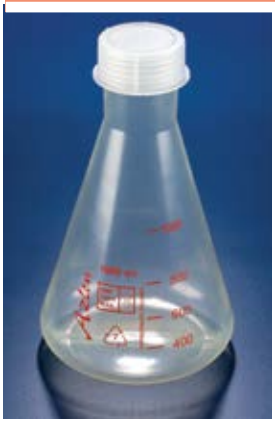
Nalgene™ Erlenmeyer flask with screw cap



- Autoclavable
- Transparent
- Suitable for use in microwave ovens

Cat. No.	Capacity (ml)	Closure (mm)	Units/ bag	€/ bag
029023	125	33	6	**N/A -**
029024	250	38	4	**N/A -**
029025	500	43	4	**N/A -**
029026	1000	53	2	**N/A -**

Azlon® Erlenmeyer flasks, wide neck



- With screw cap
- In PMP
- Very transparent
- Standardized ground joint
- Autoclavable

Volume (ml)	Graduation (ml)	CN neck	Cat. No.	€
100	20	34/35	**093008**	**N/A -**
250	50	45/40	**093009**	**N/A -**
500	100	45/40	**093010**	**N/A -**
1000	200	45/40	**093011**	**N/A -**

Polycarbonate Erlenmeyer for cell culture

Stirring flasks with polycarbonate baffles

- Transparent polycarbonate
- Equipped with baffles
- For cultivation and trypsinisation
- Autoclavable
- Baffles enhance the effect of agitation and improve aeration and gas exchange
- Lightweight and unbreakable, they are a good alternative to glass flasks



Cat. No.	Volume (ml)	Units/ box	€/ box
029543	250	4	N/A -
027998	500	4	N/A -
029332	1000	2	N/A -
027999	2000	2	N/A -

Nalgene™ Fernbach Flask



- In polycarbonate
- Transparent
- Autoclavable
- 2.8 l
- Base diameter x height: 203 x 229 mm
- Accepts a No. 13 cap, with a top diameter of 68 mm, a bottom diameter of 58 mm, and a height of 25 mm

Cat. No.	Description	Units/ box	€/ box
030002	Fernbach Flask	4	N/A -

Polypropylene volumetric flasks

Azlon® Polypropylene volumetric flasks

- Autoclavable with unscrewed cap)
- Class B
- Ground neck
- In translucent polypropylene or transparent TPX
- With polypropylene cap and gauge line

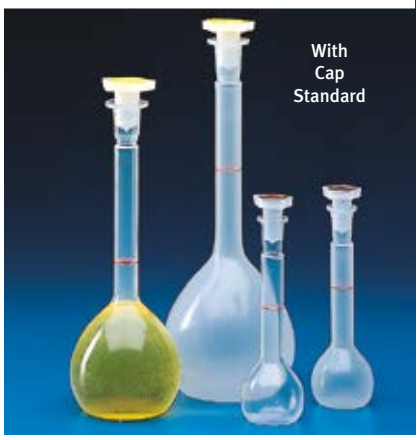
Volume (ml)	CN neck	ø x H* (mm)	Cat. No.	€
25	10/19	40 x 118	001068	N/A -
50	14/23	48 x 156	001069	N/A -
100	14/23	63 x 180	001070	N/A -
250	19/26	83 x 240	001071	N/A -
500	19/26	103 x 270	001072	N/A -
1000	24/29	125 x 310	093000	N/A -

* total height with cap



Volumetric flasks with standard stopper

- Made of polypropylene
- Without meniscus (makes it very easy to read)
- Gauged with gravimetric method at 20 °C in class B
- Autoclavable
- Supplied with caps



Cat. No.	Volume (ml)	Height (mm)	Diameter (mm)	NS/DIN	Units/ box	€/ box
391366	25	121	36	12/21	20	N/A -
391367	50	143	46	14/23	20	N/A -
391368	100	174	58	14/23	20	N/A -
391369	250	225	82	19/26	10	N/A -
391370	500	265	100	19/26	10	N/A -
391371	1000	325	120	19/26	5	N/A -

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TPX volumetric flasks

PMP class A volumetric flasks



- Transparent, with polypropylene R.I.N. cap
- Individually adjusted circle marking
- Tolerances in accordance with the requirements for category A according to DIN EN ISO 1042
- With printed batch number and certificate
- Autoclave up to +121 °C, cleaning not exceeding 60 °C

Cat. No.	Volume (ml)	Tolerance +/- (ml)	Height (mm)	RIN cap	Units/ box	€/ box
068682	10	0.04	90	10 / 19	6	N/A -
068683	25	0.04	115	10 / 19	6	N/A -
068684	50	0.06	150	10 / 19	6	N/A -
068685	100	0.10	180	14 / 23	6	N/A -
068686	250	0.15	235	19 / 26	5	N/A -
068687	500	0.25	270	19 / 26	4	N/A -
068688	1000	0.40	310	24 / 29	3	N/A -

Azlon® TPX volumetric flasks



- Autoclavable with unscrewed cap
- Class B
- Ground neck
- In translucent polypropylene or transparent TPX
- With polypropylene cap and gauge line

Volume (ml)	CN neck	ø x H* (mm)	Cat. No.	€
25	10/19	40 x 118	001073	N/A -
50	14/23	48 x 156	001074	N/A -
100	14/23	63 x 180	001075	N/A -
250	19/26	83 x 240	001076	N/A -
500	19/26	103 x 270	001077	N/A -
1000	24/29	125 x 310	093001	N/A -

* total height with cap

Decanting ampoules

Teflon Nalgene™Teflon Separating funnels



- Made of Teflon FEP, Teflon TFE shut-off valve, Tefzel ETFE screw cap, phthalate-free
- Unbreakable, transparent and non-stick bulbs for easy cleaning
- Non-wetting
- Leak-proof plug and stopcock, easily removable valve assembly for cleaning
- Can be used with mechanical stirrers if a clamp is installed where the stopcock is inserted to tighten the hose
- Autoclavable except for the stopcock assembly, which can be chemically disinfected

Cat. No.	Volume (ml)	Cap size (mm)	Stem length under stopcock (mm)	Units/ bag	Units/ box	€/ box
029659	125	28	65	1	4	N/A -
029737	250	33	65	1	1	N/A -
029738	500	43	65	1	1	N/A -
029739	1000	53	65	1	1	N/A -
029740	2000	53	65	1	1	N/A -

Polystyrene liquid funnels

Simport® polystyrene funnels

- In polystyrene
- General purpose funnels
- With grooves for better flow
- Single use

ø (mm)	Height (mm)	Rod length (mm)	Rod ø (mm)	Units/ box	Cat.No.	€/ box
55	69	25	4.3	100	**040725**	**N/A -**
65	78	30	4.3	100	**040726**	**N/A -**



Polypropylene funnels for liquid

All purpose polypropylene funnels

Cat. No.	Volume (ml)	Ø (mm)	Length (mm)	Inner Ø rod (mm)	Rod length (mm)	€
020383	6	30	47	4	25	**N/A -**
020384	14	40	65	4	35	**N/A -**
020385	32	50	85	7	43	**N/A -**
020386	88	75	108	7	55	**N/A -**
020387	222	100	155	8	77	**N/A -**
020388	342	120	180	11	90	**N/A -**
020389	817	150	220	15	95	**N/A -**



Simport® Polypropylene funnels

- Made of polypropylene
- General purpose funnels
- With grooves for better flow
- Single use

ø (mm)	Height (mm)	Rod length (mm)	Rod ø (mm)	Units/ box	Cat.No.	€/ box
55	69	25	4.3	100	**040727**	**N/A -**
65	78	30	4.3	100	**039913**	**N/A -**



Analytical funnels

- Material: polypropylene
- Suitable for all common laboratory uses
- Can withstand temperatures up to +120 °C and can be sterilised
- Provided with grooves
- Body with 60 °C inclined walls and dimensions corresponding to the different types of filters, either flat or pleated

Cat. No.	Diameter (mm)	Volume (ml)	Length Rod (mm)	Rod ø (mm)	€
391394A	27	3.5	37	4	**N/A -**
391395A	37	10	37	5	**N/A -**
391396A	46	20	43	5	**N/A -**
391397AA	66	50	62	10	**N/A -**
391398A	81	100	70	11	**N/A -**
391400A	120	350	86	11	**N/A -**
391402A	183	1250	140	14	**N/A -**



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Polypropylene funnels for liquid

Nalgene™ Analytical Funnels



- In polypropylene Autoclavable
- The body has a 60° angle internally with 58° grooves for faster filtration
- External grooves to prevent air blockage

inner top Ø (mm)	34	55	66	77	104	158
Rod outer Ø (mm)	6	7	7	7	9	14
Rod lenght (mm)	52	61	65	80	99	151
Total height (mm)	78	105	116	145	183	276
Capacity (ml)	10	41	65	114	254	976
Filter paper Ø (mm)	55	90	110	125	185	240
Units/box	12	12	12	6	4	2
Cat. No.	**029484**	**029486**	**029487**	**029488**	**029490**	**029491**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Nalgene™ Funnels for various uses



In Autoclavable polypropylene.

Material	PP	PP
Top Internal diameter (mm)	65	103
Rod external diameter (mm)	10	11
Rod lenght (mm)	21	34
Total Height (mm)	65	117
Capacity (ml)	62	270
Units/box	12	12
Cat. No.	**029497**	**029499**
€/box	**N/A -**	**N/A -**

High density polyethylene funnels for liquid

Nalgene™ Large Polyethylene Funnels



Top inner diameter (mm)	201	258
Rod outer diameter (mm)	23	21
Rod length (mm)	89	92
Total Height (mm)	245	300
Capacity (ml)	1899	4064
Units/box	1	1
Cat. No.	**029509**	**029510**
€/box	**N/A -**	**N/A -**

Azlon® HDPE funnels



- Certified for food contact

Cat. No.	Inner top Ø (mm)	Rod outer Ø (mm)	Total height (mm)	Units/ box	€/ box
211948	80	9	80	10	**N/A -**
232818	100	11	102	10	**N/A -**
211949	120	12	121	10	**N/A -**
232819	140	13	141	5	**N/A -**
211950	180	17	181	5	**N/A -**
785448	230	21	226	5	**N/A -**
232820	245	24	239	1	**N/A -**
761675	290	27	277	1	**N/A -**
232821	380	36	351	1	**N/A -**

High density polyethylene funnels for liquid

General purpose funnels in HDPE

- In HDPE
- Thick
- Robust
- With grooves to improve flowability
- With suspension ring for storage

Cat. No.	Volume (ml)	Ø Top (mm)	Ø Bottom (mm)	€
391440A	100	80	13	N/A -
391441A	300	100	14.7	N/A -
391442A	450	120	20	N/A -
391443A	750	140	24	N/A -
391444A	1500	180	30	N/A -
391445A	2750	220	35	N/A -
391446A	4000	260	38	N/A -
391447	5500	310	43	N/A -
391448	10000	420	57	N/A -



Low density polyethylene funnels for liquid

Nalgene™ Heavy Duty and Thick Wall Funnels

Thermo SCIENTIFIC NALGENE

In Low density polyethylene .

Top inner ø (mm)	101	152	248
Rod outer ø (mm)	12	15	23
Rod length (mm)	34	44	67
Total height (mm)	146	196	319
Capacity (ml)	254	777	3684
Units/box	2	1	1
Cat. No.	**029505**	**029506**	**029507**
€/box	**N/A -**	**N/A -**	**N/A -**



Nalgene™Funnels for various uses

Thermo SCIENTIFIC NALGENE

Material	HDPE
Top inner diameter (mm)	155
Rod outer diameter (mm)	26
Rod length (mm)	67
Total height (mm)	176
Capacity (ml)	1059
Units/box	12
Cat. No.	**029501**
€/box	**N/A -**



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Polypropylene powder funnels

Nalgene™ Funnels for Powder



Thermo SCIENTIFIC | NALGENE

- In polypropylene Autoclavable
- Short stem with parallel edges to avoid powder blockage
- External grooves

Top inner Diameter (mm)	65	79	104	147
Rod outer diameter (mm)	16	16	21	27
Rod length (mm)	22	29	33	30
Total height (mm)	67	85	106	136
Capacity (ml)	68	115	243	716
Units/box	12	12	6	4
Cat. No.	**029494**	**029495**	**029197**	**029496**
€/box	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Funnels for Powder



- Made of polypropylene
- Autoclavable
- For transferring powders or large quantities of liquid
- Body angle 60°
- Excellent chemical resistance

Diameter (mm)	60	80	100	120	150	180
Rod diameter (mm)	15	15	25	30	36	43
Cat. No.	**391490A**	**391491A**	**391492A**	**391493A**	**391494A**	**391495A**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Polystyrene weighing cups

Anti-shock weighing cups



Flexible cups, easily bendable, for transferring, handling and weighing samples.

- Made of shock-resistant, biologically inert polystyrene
- Good chemical resistance to alcohols, diluted acids, bases, aqueous solutions
- Maximum temperature: +60 °C

L x W x H cup (mm)	White	Blue	Units/ box	€/ box
41 x 41 x 7.9	**045103**	**045104**	500	**N/A -**
140 x 140 x 22	**045107**	**045108**	500	**N/A -**

Hexagonal weighing cup



- In polystyrene
- The hexagonal shape allows the cup to be folded to form a pouring spout
- Antistatics
- Flat bottom and sharp edges to facilitate accurate transfer of weighed material

Cat. No.	Out. ø x Inn. ø (mm)	Units/ box	€/ box
037609	38 x 25	500	**N/A -**
037610	64 x 51	500	**N/A -**
045126	76 x 55	500	**N/A -**
037611	102 x 76	500	**N/A -**
045127	120 x 100	500	**N/A -**
037612	127 x 89	500	**N/A -**
045128	139 x 108	500	**N/A -**

Polystyrene weighing cups

Single use weighing scoop

- Made of shock-resistant polystyrene
- Its shape avoids the need to fold traditional cups
- Flat bottom
- Maximum operating temperature: +60 °C

Cat. No.	L x W x H (mm)	Units/ box	€/ box
045100	41 x 60 x 8	250	N/A -



Antistatic polystyrene scoops

- Made of antistatic polystyrene
- Mass treated
- Long-term treatment
- Flat, stable bottom
- Easy to stack and store

Cat. No.	L x W x H (mm)	Units/ box	€/ box
045377	133 x 82 x 28	500	N/A -
045378	180 x 108 x 28	500	N/A -



Antistatic and standard weighing cups

Vol. (ml)	L x W x H (mm)	Type	Black	White	Blue	Units/ box	€/ box
Square-shaped							
7	46 x 46 x 8	Standard	030920B	030925B	320600	500	N/A -
100	85 x 85 x 24	Standard	037800	030901B	320601	500	N/A -
250	140 x 140 x 22	Standard	030921B	030902B	320602	500	N/A -
7	46 x 46 x 8	Antistatic	030906B	030912B	320603	500	N/A -
100	85 x 85 x 24	Antistatic	030907B	030913B	320604	500	N/A -
250	140 x 140 x 22	Antistatic	030908B	030914B	320605	500	N/A -
Diamond shape							
5	55 x 35 x 6	Standard	030916	320611	-	500	N/A -
25	71 x 46 x 14	Standard	320613	030922	-	500	N/A -
30	78 x 56 x 14	Standard	030917	030923	-	500	N/A -
100	119 x 90 x 19	Standard	030918B	030924B	-	500	N/A -
5	55 x 35 x 6	Antistatic	030903	030909	-	500	N/A -
25	71 x 46 x 14	Antistatic	320614	320612	-	500	N/A -
30	78 x 56 x 14	Antistatic	030904	030910	-	500	N/A -
100	119 x 90 x 19	Antistatic	030905B	037862	-	500	N/A -
Shallow square shape (Ideal for weighing solid products)							
7	90 x 90 x 7	Standard	-	320610	-	500	N/A -





- Made of flexible polystyrene
- Biologically inert
- Resistant to dilute and weak acids, aqueous solutions, alcohols and bases
- Temperature resistant from -10 °C to +70 °C
- FDA / Food grade

Weighing cups

Flexible polystyrene cups. Ideal for handling, transferring or weighing crystals.

Shape	L x W x H (mm)	White	Green	Units/ box	€/ box
Square	41 x 41 x 7.5	245496	245497	500	N/A -
Diamond	86 x 58 x 16	245498	245499	500	N/A -
Diamond	150 x 100 x 25	245494	-	250	N/A -



Weighing scoops

- Made of flexible polystyrene
- Biologically inert
- Resistant to dilute and weak acids, aqueous solutions, alcohols and bases
- Temperature resistant from -10 °C to +70 °C
- FDA / Food grade
- Flat bottom 12 mm

L x W x H (mm)	Units/ box	Standard	€/ box	Antistatic	€/ box
43 x 58 x 13	500	320191	N/A -	320607	N/A -
83 x 132 x 26	500	047688	N/A -	320608	N/A -
108 x 183 x 26	500	320606	N/A -	320609	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

WEIGHING CUPS

Polystyrene weighing cups

Wheaton® Weighing cup



- High resistance polystyrene
- Handling of liquids or solids
- Antistatic to prevent retention of samples by static electricity
- Rounded corners

Shape	Volume (ml)	L x W (mm)	Units/ bag	Units/ box	White	€/ box	Black	€/ box
Square	7	44 x 44	1000	25000	055806	N/A -	055805	N/A -
	100	80 x 80	1000	10000	055802	N/A -	055801	N/A -
	250	140 x 140	1000	4000	055804	N/A -	055803	N/A -
Diamond	5	55 x 35	1000	30000	055800	N/A -	055799	N/A -
	30	85 x 65	500	5000	055798	N/A -	055797	N/A -
	100	125 x 100	250	1500	055796	N/A -	055795	N/A -

Weighing scoops



- Antistatic polystyrene, waterproof
- Economical solution that combines the function of a scoop and weighing cup
- Easy assembly by inserting the locking tab into the hole
- Wide tip design for stable weighing and easy sample collection and distribution
- Can be used flat as weighing paper

Cat. No.	Dimensions (cm)	Colours	Sterile	Units/ box	€/ box
320632	12.7 x 9	White	No	100	N/A -
320633	12.7 x 6.3	White	No	100	N/A -
320634	12.7 x 9	Black	Yes	100	N/A -
320635	12.7 x 6.3	Black	Yes	100	N/A -

Parchment paper weighing cups

Biodegradable weighing cups



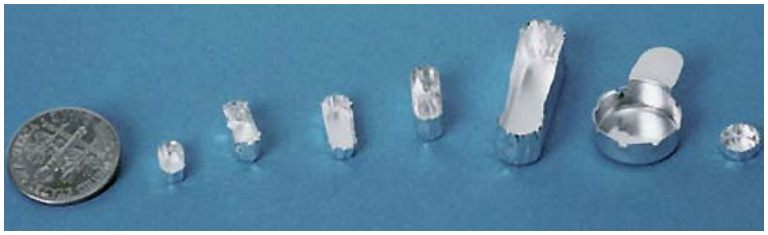
- Made from grease proof paper, FSC certified
- Prefolded
- Can be used down to +210 °C
- Biodegradable

Cat. No.	Dimensions W x D x H (mm)	Colours	Units/ box	€/ box
320524	35 x 35 x 15.8	Brown	500	N/A -
320525	47.6 x 47.6 x 14.2	Brown	500	N/A -
320676	95.25 x 95.25 x 25.4	Brown	250	N/A -
320526	35 x 35 x 15.8	White	500	N/A -
320527	47.6 x 47.6 x 14.2	White	500	N/A -
320675	95.25 x 95.25 x 25.4	White	250	N/A -

Aluminium weighing cups

Aluminium weighing microcups

- Compatible with most analysers and microbalances



Cat. No.	L x W base (mm)	Height (mm)	Volume (µl)	Units/ box	€/ box
045380	6.5 x 3.5	2.5	40	250	N/A -
045381	10 x 4	4.5	110	250	N/A -
045382	12 x 4	2.7	120	250	N/A -
045383	12 x 2	4.5	120	250	N/A -
045384	25 x 7	7	1120	50	N/A -
045385	Ø 6	3.5	35	250	N/A -
045379	Ø 13	2.5	350	100	N/A -

Aluminium cups, folded walls with tab



- With support tabs
- Rigid pleated walls
- Universal, multi-purpose
- Evaporation or storage box

Cat. No.	Volume (ml)	ø x H (mm)	€ 100 units
045117	20	43 x 13	N/A -
045118	50	57 x 15	N/A -
045119	70	70 x 15	N/A -

Aluminium weighing cups

Aluminium cups

Single-use aluminium cups, smoothwall Ideal as evaporation boxes, weighing cups storage cups.

Low-walled coups

Cat. No.	Ø x H (mm)	Units/ box	€/ box
045121	70 x 6	50	N/A -
045370	102 x 7	50	N/A -
045371	121 x 4	100	N/A -

Smoothwall cups

Cat. No.	Ø x H (mm)	Units/ box	€/ box
045120	70 x 17	100	N/A -
045122	103 x 18	100	N/A -





Cups with flared rims for evaporation

Smooth-walled cups

Cat. No.	Int. ø x H (mm)	Weight (g)	Units/ box	€/ box
045160	44 x 12	0.6	100	N/A -
045123	63 x 18	1.6	100	N/A -

Ribbed-walled cups

Cat. No.	Int. ø x H (mm)	Volume (ml)	Units/ box	€/ box
045124	65 x 30	75	100	N/A -
045161	110 x 39	200	50	N/A -
045162	180 x 30	500	50	N/A -



Aluminium weighing cups

- Ideal for micro-weighing
- Made from ultra high vacuum (UHV) film
- Conforms to ASTM B-479, specifics 3.1.4 and 10.3.1
- Disc format
- Compatible with most precision scales

Cat. No.	Dimension Ø x H (mm)	Units/ box	€/ box
320677	25 x 3.6	20	N/A -



Scoops and spoons

Measuring scoops

- In white polypropylene or high density polyethylene
- Capacity from 10 to 1500 ml

Model	Polypropylene				High density polyethylene			
Capacity (ml)	Dimensions (mm)	Cat. No.	Units/ box	€/ box	Long. (cm)	Cat. No.	Units/ box	€/ box
10	32 x 103 x 16	391120	12	N/A -		-	-	-
25	43.8 x 137 x 21	391121	12	N/A -		-	-	-
50	55.4 x 163.7 x 26	391122	12	N/A -		-	-	-
100	67.2 x 201.7 x 34	391123	12	N/A -		-	-	-
250	94 x 261.7 x 34	391124	6	N/A -	25	391541	25	N/A -
500	112 x 315 x 55	391125	6	N/A -	30	391542	25	N/A -
1000	141 x 386.6 x 69.4	391126	6	N/A -	-	-	-	-
1500	-	-	-	-	40	391543	1	N/A -





All prices are indicative and exclude VAT. Visit www.dulis.nl

Scoops and spoons

Ice or powder scoops



- Rounded tip to prevent the possibility of powder bags tearing
- High resistance
- Machine washable
- In white polypropylene

Cat. No.	Capacity (kg)	Length (cm)	€
001294	0.5	29	N/A -
001295	0.75	34	N/A -
001296	1	38	N/A -
001297	2	42	N/A -



Sterile scoops: see page 962

Ice scoop



- Made of polypropylene
- Dimensions: 40 x 229 x 89 mm; handle 114 mm

Cat. No.	Description	€
086002	Ice scoop	N/A -

Azlon®square sampling scoops



- In white polypropylene
- Certified for food contact
- Autoclavable
- Flattened base: the scoop stands horizontally
- Moulded volume indication

Cat. No.	Length (mm)	Volume (ml)	Units/ box	€/ box
232754	102	10	5	N/A -
785538	137	25	5	N/A -
785539	160	50	5	N/A -
785540	198	100	5	N/A -
785542	259	250	5	N/A -
785544	315	500	5	N/A -
785546	385	1000	1	N/A -

Coloured scoops



- Made of polypropylene
- Volume indication visible on the top of the handle

Cat. No.	Volume (ml)	Colours	Units/ box	€/ box
942867	100	Red	12	N/A -
942893	100	Grey	12	N/A -
942894	100	Black	12	N/A -
942868	100	Yellow	12	N/A -
942869	100	Blue	12	N/A -
942870	100	Green	12	N/A -
942871	100	Light blue	12	N/A -
942877	250	Red	12	N/A -
942878	250	Blue	12	N/A -
942872	100	Assorted colours: white, red, grey, black, yellow, blue, green, light blue	1 scoop of each colour	N/A -

Scoops and spoons

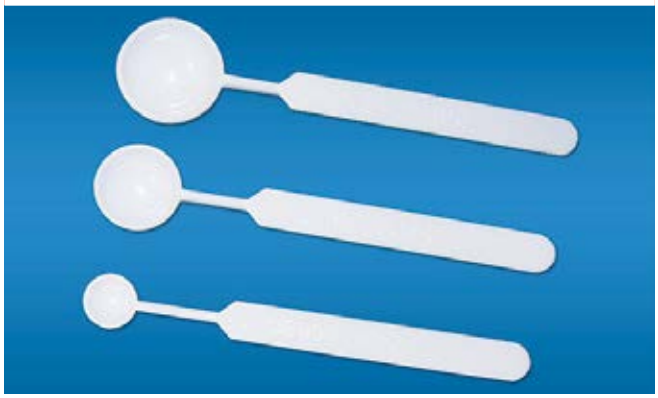
Polypropylene spoons

- With long rod
- Autoclavable
- Allows access into deep containers
- Total length: 18 cm



Cat. No.	Capacity (ml)	Units/ box	€/ box
085896	1.2	12	N/A -
086618	2.5	12	N/A -
085948	5	12	N/A -
086619	15	12	N/A -
086620	Assortment of 3 spoons of each volume	12	N/A -

Polystyrene spoons



Cat. No.	Capacity (ml)	Dimensions (mm)	Units/ box	€/ box
088703	0.10	72 x 8 x 5	25	N/A -
088704	0.0	74 x 12 x9	25	N/A -
088705	1	74 x 13 x 16	25	N/A -

Miscellaneous: plastic accessories

Polypropylene or TPX experiment glass

- In translucent polypropylene or transparent polymethylpentene (TPX)
- With moulded scales
- Cutting shape
- Large round base
- Autoclavable



			Polypropylene		TPX	
Volume (ml)	Graduation (ml)	Height (mm)	Cat. No.	€	Cat. No.	€
100	2	120	046954	N/A -	046950	N/A -
250	5	160	046955	N/A -	046951	N/A -
500	10	180	046956	N/A -	046952	N/A -
1000	20	270	046957	N/A -	046953	N/A -

Nalgene™ Autoclaving basket



- Made of polypropylene
- Does not scratch glass or plastic
- Hinged lid
- Autoclavable

Cat. No.	Dimensions Wx L x H(mm)	€
029334A	178 x 156 x 178	N/A -

Polysteribox sterilisation boxes

Sterilisation container, autoclavable, reusable.

- Autoclavable upt to +134 °C
- CE marking:
- Without silicone instrument holder
- Spare accessories on request
- Supplied without pin mat
- Single use safety contacts make it possible to close the box in a tamper-proof manner (2 contacts to be used per box)
- Possibility to add safety labels that slide into the notches (chemical indicator that turns from red to brown if sterilisation has been effective)



Cat. No.	Model	Int. dimensions (mm)	Ext. dimension (mm)	€
070541B	S	177 x 76 x 45	208 x 111 x 54	N/A -
070542B	M	155 x 123 x 32	184 x 144 x 59	N/A -
070543B	L	261 x 164 x 65	290 x 183 x 74	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
070584	Studs for safety seals	1000	N/A -
070586	Security labels for Polysteribox S,M and L	1000	N/A -
070587	Mat with pins for Polysteribox S	1	N/A -
070588	Mat with pins for Polysteribox M	1	N/A -
070589	Mat with pins for Polysteribox L	1	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Dessicators

Vertical desiccator



- In smoke-coloured polystyrene
- Removable perforated shelf, adjustable in 4 heights
- Door slides under the desiccator
- Desiccant tray (desiccant not included)
- Up to 5 stackable units

Cat. No.	Dimensions L x W x H (cm)	€
948456	25 x 25 x 25	N/A -

Mini desiccators







- Mini dessicators with easy door opening
- For the storage of moisture-sensitive products
- Use silica gel as a desiccant
- Tightly sealed door, protecting the contents from external contamination
- 2 versions:
  - Basic: metal-free, no shelves (available as an option), stackable
  - Premium: in addition to the features of the "Basic" version, comes with 2 shelves, rubber feet, hygrometer

	Basic		Premium	
Chamber	Cat. No.	€	Cat. No.	€
Simple	490948	N/A -	490951	N/A -
Double	490949	N/A -	490952	N/A -
Triple	490950	N/A -	490953	N/A -
Mobile	490954	N/A -	490958	N/A -
Inert gas	490955	N/A -	490959	N/A -
Black	490956	N/A -	490960	N/A -
Protect orange	490957	N/A -	490961	N/A -

Inert gas chamber model

- Supplied with desiccant in a resealable container
- With 2 quick connections for gas with self-locking valves and 5 m tubing

Polycarbonate model, Black and orange chamber

- To protect samples from light and UV
- Supplied with desiccant in a resealable container

Mobile chamber model with carrying handle

- In polycarbonate
- Hinged door with wide opening
- Dimensions: 221 x 183 x 214 mm
- Volume: 6 kg
- PMMA shelves
- Can be used from - 35 °C to +70 °C
- Normal pressure



Dessicators

Desiccators with frame reinforced with anodised aluminium

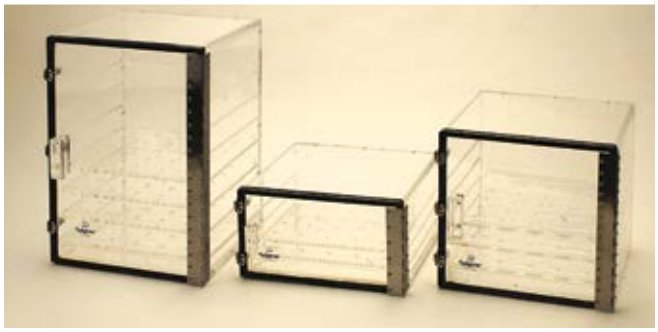
	Star	Super star	Grand star	Maxi 1 Bola	Maxi 2 Bola	Star Vitrum	Mini Vitrum
							
Material	In transparent acrylic, allowing good observation					Borosilicate glass 3.3	
Frame reinforced with anodised aluminium	x	x	x	x	x	x	x
Synthetic rubber seal	x	x	x	x	x	x	x
With desiccant, packed in a practical bag	x	x	Desiccant to be ordered separately			x	x
Magnetic lock	x	x	x	x	x	x	
With electronic precision hygrometer at the door with maximum and minimum temperature and humidity values	x	x	x	x	x	x	x
Gas supply devices including safety valves and connecting pipes		x					
Number of shelves max.	26		17	34	17 x 2	26	1
Number of desiccant trays	1				2	1	-
Number of adjustable shelves supplied	4 (glass)		2 (stainless steel)	4 (stainless steel)			1 (stainless steel)
Feet	4 non-slip rubber feet			4 castors, 2 of which have a locking brake		4 non-slip rubber feet	
Number of doors	1				2	1	1
Temperature	-20 °C to +70 °C					-20 °C to +150 °C	-70 °C to +120 °C
External Dimensions W x H x D (mm)	304 x 520 x 375		585 x 560 x 555	585 x 1150 x 530	585 x 1150 x 55	310 x 525 x 375	220 x 183 x 214
Useful Internal Dimensions W x H x D (mm)	260 x 480 x 320		502 x 502 x 502	502 x 1030 x 502	2 compartments of 502 x 502 x 502	260 x 480 x 330	200 x 170 x 180
Total volume (l)	45		156	311	156 x 2	45	6
Weight (kg)	7	7.5	18	30	34	14	2
Cat. No.	**490900**	**490901**	**490902**	**490903**	**490904**	**490962**	**499107**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Spare shelf for Grand star, Maxi 1 Bola and Maxi 2 bola

Cat. No.	Description	€
490927	Stainless steel spare shelf with guides	**N/A -**

Drying chamber

- **Acrylic with steel hinges and neoprene seal**
- **For dust and moisture free storage in refrigerators or on the bench**
- **For the storage of anhydrous compounds, hygroscopic samples**
- **Adjustable shelves**
- **With rimmed tray for desiccant**



Cat. No.	Number of Shelves	Nombre de grooves	Dimensions (H x W x D) mm	€
029467	2	3	178 x 305 x 305	**N/A -**
029468	3	5	305 x 305 x 305	**N/A -**
029381	4	7	457 x 305 x 305	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Dessicators

Vertical and horizontal Secador desiccator cabinets

- In Co-polyester
- For storing humidity sensitive materials
- Automatic module: dehumidification and desiccant regeneration cycle operates continuously every 20 minutes
- Amber version: perfect for storing light sensitive materials (reduce visible light penetration by over 50%)
- Large door with digital hygrometer
- Removable perforated shelves

Vertical desiccators

- Dimensions L x D (mm): 341 x 414



Model	2.0		3.0		4.0		
Colours	Transparent	Amber	Transparent	Amber	Transparent	Amber	Blue
Height (mm)	314	314	417	417	518	518	518
Volume (l)	33	33	45	45	53	53	53
Number of Shelves	2	2	3	3	3	3	3
Cat. No.	**085110**	**947849**	**086695**	**947850**	**947851**	**947852**	**947853**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Horizontal desiccators

- Dimensions W x D x H (mm): 518 x 414 x 341



Model	4.0	
Colours	Transparent	Blue
Volume (l)	53	53
Number of Shelves	2	2
Cat. No.	**088876**	**947854**
€	**N/A -**	**N/A -**

Nalgene™ Polycarbonate desiccator



- Transparent, light
- For vacuum and non-vacuum applications
- Maintains a vacuum of 711 mm of Hg for 24 hours
- For use at room temperature only
- A silicone seal guarantees impermeability
- Accepts tubes with an internal diameter of 6.6 to 9.1 mm
- 230 mm diameter plate not included (Cat. No. 029290)

Bottom	Polycarbonate
Lid	Non autoclavable Polycarbonate
Total Height (mm)	329
Outer ø (mm)	280
Inner ø (mm)	251
Useful space (mm)	195
Cat. No.	**029289**
€	**N/A -**

Polycarbonate desiccator



Desiccators with tap and large internal volume, fully transparent.

- Polypropylene tap with Teflon knob for 1/4" (6.4 mm) inner diameter tube
- Lid handle
- Neoprene O-Ring
- Perforated polypropylene inner plate

Cat. No.	Out. ø (mm)	Inn. ø (mm)	Tray ø (mm)	Height (mm)	Height above the plate (mm)	€
039705	171	149	140	206	121	**N/A -**
039706	230	197	190	260	157	**N/A -**
039707	273	240	230	311	197	**N/A -**

Dessicators

Nalgene™ Desiccator with polycarbonate lid

Thermo SCIENTIFIC NALGENE

- Transparent lid, blue polypropylene base
- The tap model is used with tubes with 1/4" inn Ø.
- Models without seal, impermeability is achieved by applying vacuum grease
- For use at room temperature only
- To be used with a 230 mm diameter plate

Model	Autoclavable	Not autoclavable
Lid	Polycarbonate	Polycarbonate
Bottom	Blue polypropylene	Blue polypropylene
TFE Tap	No	Yes
Total Height (mm)	262	262
Outer ø (mm)	330	330
Inner ø (mm)	246	246
Useful space (mm)	143	143
Cat. No.	**029363**	**029364**
€	**N/A -**	**N/A -**



Desiccant cartridges

- For glass or plastic desiccators
- Changes from blue to pink depending on the amount absorbed
- Possibility of regenerating the desiccant in an oven at +150 °C

Cat. No.	Description	€
086643	Desiccant cartridge 160 mm	N/A -
086681	Desiccant cartridge 200 mm	N/A -
086682	Desiccant cartridge 250 mm	N/A -



Silica gels for desiccators

- Determination of the degree of saturation by means of a colour change
- Two versions available:

- orange when the gel is dry, turning brown/black on saturation
- amber when dry, turning green on saturation (cobalt-free version)

- Regeneration mode: 90-100 °C for around 90 min for 1 cm of silica gel present in the substrate

Cat. No.	Description	€
490938	Orange Silica gel 360 g	N/A -
490937	Orange Silica gel 720 g	N/A -
453317-CER	Amber silica gel without cobalt 1 kg	N/A -
453319-CER	Amber silica gel without cobalt 5 kg	N/A -



Silica gel holder

Suitable for Star desiccator Cat. No. 490900.

Cat. No.	Dimensions L x H x D (mm)	€
490940	347 x 30 x 297	N/A -



Desiccant bag

1 gram bag.
Used as a desiccant.

Cat. No.	Units/ bag	€/ bag
036399ASC	5000	N/A -
036399ASC1	100	N/A -



Nalgene™ Desiccant plate

To complement desiccators Cat. No. 029289, 029363 and 029364.
Metal-ceramic composite, light green colour.

Cat. No.	Description	€
029290	Plate for desiccator	N/A -

Thermo SCIENTIFIC NALGENE



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Calibrated tubes for Gilson peristaltic pump



GILSON

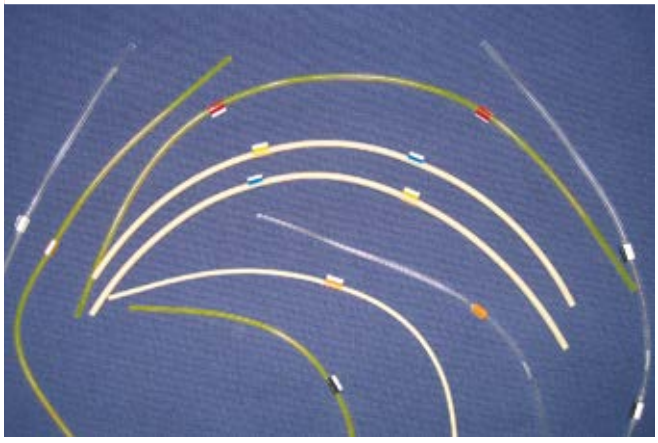
Wide range of tubing.
- Standard version: 0.3 µl/min to 30 ml/min (max pressure 0.5 MPa)
- High flow version: 1 ml/min to 220 ml/min (max pressure 0.3 MPa)

Cat. No.	Description	Inner ø (mm)	Units/ box	€/ box
066149	PVC tubing, orange/blue	0.25	12	N/A -
066150	PVC tubing, orange/green	0.38	12	N/A -
066151	PVC tubing, orange/yellow	0.5	12	N/A -
066152	PVC tubing, black/black	0.76	12	N/A -
066153	PVC tubing, white/white	1	12	N/A -
066154	PVC tubing, grey/grey	1.9	12	N/A -
066155	PVC tubing, yellow/blue	1.52	12	N/A -
066156	PVC tubing, blue/blue	1.65	12	N/A -
066157	PVC tubing, violet/violet	2.06	12	N/A -
066158	PVC tubing, violet/black	2.28	12	N/A -
066159	PVC tubing, violet/white	2.79	12	N/A -
066160	PVC tubing, black/white	3.16	12	N/A -
066161	Fluoroelastomer tubing	3	4	N/A -
066162	Fluoroelastomer tubing	4	4	N/A -
066163	Fluoroelastomer tubing	0.5	4	N/A -
066164	Fluoroelastomer tubing	1	4	N/A -
066165	Fluoroelastomer tubing	2	4	N/A -

TIP

See also Pharmed tubes and connectors page 914

Tubing for peristaltic pumps



39 cm tubing with 2 colour-coded bridges.

6 polymer grades:
- Pharmed: low gas permeability, meets FDA and US Pharmacopoeia Class VI standards; excellent chemical compatibility;
- Tygon LMT-55: Transparent, soft, non-toxic, non-contaminating PVC, excellent mechanical and chemical resistance, DEHP-free; US Pharmacopoeia Class VI.
- Tygon SPT-3350: platinum silicone, very smooth inner surface, FDA and US Pharmacopoeia compliant, class VI, non-haemolytic, non-cytotoxic, non-pyrogenic, usable from - 80 °C to + 230 °C, excellent chemical resistance.
- Santoprene: good mechanical and chemical resistance, flexible and robust, non-toxic, usable from -50 °C to +135 °C, meets FDA and Class VI standards;
- PVC: flexible and robust, low permeability, usable from - 50 °C to + 74 °C, class VI;
- Silicone: good chemical resistance, flexible, odourless, non-toxic, usable from -50 °C to +230 °C, Class VI.

Bridge colour 1	Bridge colour 2	Inn. ø (mm)	Out. ø (mm)	Thickness (mm)	Pharmed	Tygon LMT-55	Tygon SPT-3350	Santoprene	PVC	Silicone
Orange	Black	0.13	1.93	0.9	-	260290B	-	-	4906517	-
Orange	Red	0.19	1.99	0.9	-	260291B	-	-	4906518	-
Orange	Blue	0.25	2.05	0.9	260335	260292B	-	4906500	4906519	4906584
Orange	Green	0.38	2.18	0.9	260336	260293B	-	4906501	4906521	4906585
Green	Yellow	0.44	2.24	0.9	-	260294B	-	-	-	-
Orange	Yellow	0.51	2.31	0.9	260337	260295B	260352	4906502	4906522	4906586
White	Yellow	0.57	2.37	0.9	-	260296B	-	-	-	-
Orange	White	0.64	2.44	0.9	260338	260297B	260353	4906503	4906523	4906587
Black	Black	0.76	2.46	0.85	260339	260298B	260354	4906504	4906524	4906588
Orange	Orange	0.89	2.59	0.85	260340	260299B	260355	4906505	4906525	4906589
White	Black	0.95	2.65	0.85	-	260300B	-	-	-	-
White	White	1.02	2.72	0.85	260341	260301B	260356	4906506	4906526	4906590
White	Red	1.09	2.79	0.85	-	260302B	-	-	-	-
Red	Red	1.14	2.84	0.85	260342	260303B	260357	4906507	4906527	4906591
Red	Grey	1.22	2.92	0.85	-	260304B	-	-	-	-
Grey	Grey	1.3	3	0.85	260343	260305B	260358	4906508	4906528	4906592
Yellow	Yellow	1.42	3.12	0.85	260344	260306B	260359	4906509	4906529	4906593
Yellow	Blue	1.52	3.22	0.85	260345	260307B	260360	4906510	4906530	4906594
Blue	Blue	1.65	3.35	0.85	260346	260308B	260361	4906511	4906531	4906595
Blue	Green	1.75	3.45	0.85	-	260309B	-	-	-	-
Green	Green	1.85	3.55	0.85	260347	260310B	260362	4906512	4906532	4906596
Violet	Violet	2.06	3.76	0.85	260348	260311B	260363	4906513	4906533	4906597
Violet	Black	2.29	3.99	0.85	260349	260312B	260364	4906514	4906534	4906598
Violet	Orange	2.54	4.24	0.85	260350	260313B	260365	4906515	4906535	4906599
Violet	White	2.79	4.48	0.85	260351	260314B	260366	4906516	4906536	4906600
Black	White	3.17	4.87	0.85	-	260315B	-	-	4906537	4906601
				Units/box	6	12	6	6	12	6
				€/box	134.30 -	83.70 -	132 -	87.80 -	49.20 -	87.80 -

PTFE tubing

Cat. No.	Inn. ø x out. ø (mm)	Thickness (mm)	Length (m)	€ the roll
091935	2 x 3	0.5	25	N/A -
091936	2 x 4	1	25	N/A -
091937	2.7 x 3.2	0.25	25	N/A -
091938	3 x 4	0.5	25	N/A -
091939	3 x 5	1	25	N/A -
091940	4 x 5	0.5	25	N/A -
091941	4 x 6	1	25	N/A -
091942	5 x 7	1	25	N/A -
091943	4.5 x 6.5	1	25	N/A -
091944	5 x 6	0.5	25	N/A -
091945	6 x 7	0.5	25	N/A -
091946	6 x 8	1	25	N/A -
091947	7 x 8.5	0.75	25	N/A -
091948	8 x 9.5	0.75	25	N/A -
091949	8 x 10	1	25	N/A -
091950	8 x 11	1.5	25	N/A -
091951	9 x 11	1	25	N/A -
091952	10 x 12	1	25	N/A -
091953	12 x 14	1	25	N/A -

- White polytetrafluoroethylene (PTFE)
- Thermal resistance up to approx. +270 °C in the absence of pressure



Cat. No.	Inn. ø x out. ø (mm)	Thickness (mm)	Length (m)	€ the roll
091926	0.3 x 1.5	0.6	25	N/A -
091927	0.5 x 1	0.25	25	N/A -
091908	0.5 x 1.6	0.55	25	N/A -
091928	0.6 x 1.3	0.35	25	N/A -
091929	0.8 x 1.3	0.25	25	N/A -
091916	1 x 1.5	0.25	25	N/A -
091930	1 x 2	0.5	25	N/A -
091931	1 x 3	1	25	N/A -
091932	1.15 x 1.75	0.3	25	N/A -
091933	1.3 x 1.8	0.25	25	N/A -
091934	1.5 x 2.1	0.3	25	N/A -
091917	1.5 x 3	0.75	25	N/A -

Gas tubing with clamps or collar

- Two models with clamps or collars for butane or natural gas
- With expiry date on the pipe

Cat. No.	Model	Inn. ø x out. ø (mm)	Long. (m)	€ the roll
071118	Normagaz for butane propane*	6 x 12	1.5	N/A -
147600	Normagaz for natural gas**	12 x 18	2	N/A -
071121	Sertigaz for natural gas	15 x 22	1.25	N/A -

* with collars, blistered ** without collar



GSR tubing

- Natural rubber
- Hardness: Shore 45
- Colour: red

Drainage tubing

Cat. No.	Inn. ø x out. ø (mm)	Thickness (mm)	Length (m)	€ the roll
260438	1 x 3	1.0	25	N/A -
260439	2 x 4	1.0	25	N/A -
260440	3 x 5	1.0	25	N/A -
260441	3 x 6	1.5	25	N/A -
260442	4 x 6	1.0	25	N/A -
260443	4 x 7	1.5	25	N/A -
260444	4 x 8	2.0	25	N/A -
260447	5 x 8	1.5	25	N/A -
260450	6 x 9	1.5	25	N/A -
260451	6 x 10	2.0	25	N/A -
260454	7 x 10	1.5	25	N/A -
260455	7 x 11	2.0	25	N/A -
260458	8 x 12	2.0	25	N/A -
260461	9 x 13	2.0	25	N/A -
260462	10 x 14	2.0	25	N/A -
260464	12 x 17	2.5	25	N/A -
260465	12 x 18	3.0	25	N/A -
260468	16 x 22	3.0	25	N/A -

Vacuum tubing

Cat. No.	Inn. ø x out. ø (mm)	Thickness (mm)	Length (m)	€ the roll
260446	4 x 14	5.0	25	N/A -
260449	5 x 15	5.0	25	N/A -
711185	6 x 18	6.0	25	N/A -
711186	8 x 20	6.0	25	N/A -
260413	10 x 30	10.0	10	N/A -
260228	15 x 35	10.0	10	N/A -
260469	20 x 45	12.5	10	N/A -



Tubing for half vacuum

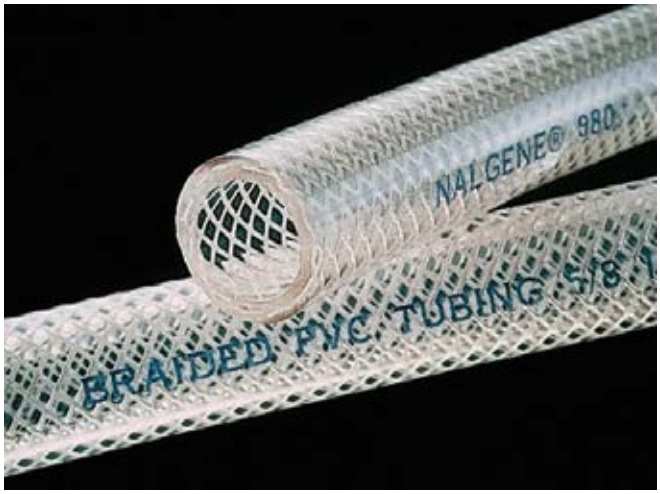
Cat. No.	Inn. ø x out. ø (mm)	Thickness (mm)	Length (m)	€ the roll
260445	4 x 9	2.5	25	N/A -
260448	5 x 10	2.5	25	N/A -
260452	6 x 12	3.0	25	N/A -
260453	6 x 16	5.0	25	N/A -
260456	7 x 15	4.0	25	N/A -
260457	7 x 17	5.0	25	N/A -
260459	8 x 14	3.0	25	N/A -
260460	8 x 18	5.0	25	N/A -
260463	10 x 20	5.0	25	N/A -
260466	12 x 24	0.0	25	N/A -
260467	15 x 30	7.5	10	N/A -



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Nalgene™ 980 Clear Braided PVC Tubing for Pressure Applications



- Hardness Shore A 65
- Can be used from -21 °C to +82 °C
- Pressure resistant
- Not recommended for vacuum applications
- Suitable for food contact

Cat. No.	inn. Ø (mm)	out. Ø (mm)	Thickness (mm)	Max. pressure (to 25 °C) (bar)	Lenght (m)	€
030085	4.763	9.525	2.381	19	15	N/A -
029805	6.35	11.11	2.38	19	15	N/A -
029804	7.94	12.7	2.38	19	15	N/A -
029728	9.525	14.29	2.3825	17.2	15	N/A -
029953	12.7	19.05	3.175	15.9	15	N/A -
029809	15.88	22.23	3.175	15.9	15	N/A -
030082	19.05	25.4	3.175	6	15	N/A -
030083	25.4	46.57	10.585	9.7	15	N/A -

Latex and polyethylene tubing

Latex tubing



Cat. No.	Inn. ø x out. ø (mm)	Thickness (mm)	€ the roll of 10 m
091762	2 x 4	1	N/A -
091763	2 x 6	2	N/A -
091764	3 x 5	1	N/A -
091765	3 x 6	1.5	N/A -
091766	3 x 7	2	N/A -
091767	4 x 6	1	N/A -
091768	4 x 7	1.5	N/A -
091769	4 x 8	2	N/A -
091770	5 x 7	1	N/A -
091771	5 x 8	1.5	N/A -
091772	5 x 9	2	N/A -
091773	6 x 8	1	N/A -
091774	6 x 9	1.5	N/A -
091775	6 x 10	2	N/A -
091776	7 x 10	1.5	N/A -
091777	7 x 11	2	N/A -
091778	8 x 12	2	N/A -
091779	9 x 13	2	N/A -
091780	9 x 14	2.5	N/A -
091781	10 x 14	2	N/A -
091782	10 x 16	3	N/A -
091783	12 x 17	2.5	N/A -

Polyethylene tubing



Cat. No.	Inn. ø x out. ø (mm)	Thickness (mm)	Roll of (m)	€ the roll
091785	1 x 1.8	0.4	100	N/A -
091786	1.5 x 3.5	1	100	N/A -
091787	2 x 2.8	0.4	100	N/A -
091788	2 x 4	1	100	N/A -
091789	3 x 4	0.5	100	N/A -
091790	3 x 5	1	100	N/A -
091791	4 x 5	0.5	100	N/A -
091792	4 x 6	1	100	N/A -
091793	5 x 7	1	100	N/A -
091794	6 x 8	1	100	N/A -
091795	6 x 9	1.5	100	N/A -
091796	7 x 9	1	100	N/A -
091797B	7 x 10	1.5	50	N/A -
091798	8 x 10	1	100	N/A -
091799B	8 x 11	1.5	50	N/A -
091800B	9 x 11	1	50	N/A -
091801B	9 x 13	2	50	N/A -
091802B	10 x 12	1	50	N/A -
091803B	10 x 13	1.5	50	N/A -
091804B	10 x 14	2	50	N/A -
091805B	12 x 14	1	50	N/A -
091806B	12 x 15	1.5	50	N/A -
091807B	12 x 16	2	50	N/A -

Platinum silicone tubing

- Platinum treated silicone tubing - length 25 m
- Ultra-smooth inner surface
- Thermal resistance: -60 °C to +200 °C
- Hardness: 60 Shore A
- Certified Animal Free
- Supplied with certificate of conformity
- Manufactured in a class 10.000 (ISO 7) clean room, on an ISO9001 and ISO13485 certified site
- Complies with: USP class VI, European Pharmacopoeia, CFR 177.2600, USP 661, USP 381, ISO 10993 (-4.5.10.11)

Cat. No.	Inn. Ø x out. Ø (mm)	Thickness (mm)	€ the 25 m roll
351053	0.8 x 4.0	1.6	N/A -
351054	1.6 x 4.8	1.6	N/A -
351055	3.0 x 7.0	2.0	N/A -
351056	3.2 x 6.4	1.6	N/A -
351057	4.8 x 8.0	1.6	N/A -
351059	4.8 x 9.5	2.4	N/A -
351060	6.0 x 12.0	3.0	N/A -
351061	6.4 x 9.5	1.6	N/A -
351062	6.4 x 11.2	2.4	N/A -
351064	8.0 x 12.8	2.4	N/A -
351065	8.0 x 16.0	4.0	N/A -
351066	9.7 x 14.5	2.4	N/A -
351067	12.7 x 19.1	3.2	N/A -
351068	15.9 x 22.3	3.2	N/A -



Versilic silicone tubing

Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€	Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€ the roll
260000	0.5 x 2.5	50	N/A -	260023	7 x 11	25	N/A -
260001	1 x 3	50	N/A -	225232	7 x 12	25	N/A -
260002	1.5 x 3	50	N/A -	225233	7 x 13	25	N/A -
260003	2 x 4	50	N/A -	260026	8 x 11	25	N/A -
260004	2 x 5.5	50	N/A -	673412	8 x 12	25	N/A -
260005	2 x 6	50	N/A -	260028	8 x 14	25	N/A -
260006	3 x 5	50	N/A -	225397	8 x 16	25	N/A -
260007	3 x 5.5	50	N/A -	260030	8.5 x 12	25	N/A -
225223	3 x 6	50	N/A -	260031	9 x 13	25	N/A -
260009	3 x 7	50	N/A -	374021	10 x 14	25	N/A -
225224	4 x 6	50	N/A -	374022	10 x 16	25	N/A -
260011	4 x 7	25	N/A -	225399	10 x 18	25	N/A -
225227	4 x 8	25	N/A -	260035	10 x 23	25	N/A -
260013	4 x 10	25	N/A -	260036	12 x 15.5	25	N/A -
260014	5 x 7	25	N/A -	260037	12 x 17	25	N/A -
260015B	5 x 8	25	N/A -	260038	15 x 21	25	N/A -
260016	5 x 9	25	N/A -	260039	18 x 24	10	N/A -
225228	5 x 10	25	N/A -	260040	20 x 27	10	N/A -
260018	6 x 8	25	N/A -	260041	25 x 35	10	N/A -
260019B	6 x 9	25	N/A -	260042	30 x 40	10	N/A -
673411	6 x 10	25	N/A -	260043	40 x 50	10	N/A -
260021B	6 x 12	25	N/A -	260044	50 x 60	10	N/A -
225231	7 x 10	25	N/A -	-	-	-	-



- Silicone peroxide
- Temperature resistant from -50 °C to +200 °C
- Autoclavable
- ISO 10993
- USP Class VI compliant
- Recommended for the transfer of liquids where neutrality is required

Silclear® Silicone tubing

- Medical grade, delivered with certificate of conformity
- Hardness: 58
- Operating temperature from -60 to +220 °C

Cat. No.	Inn. ø x out. ø (mm)	Roll of	€ the roll
910601	2 x 4	25 m	N/A -
910603	4.8 x 9.5	15 m	N/A -
910604	6.4 x 9.5	15 m	N/A -
910605	6.4 x 12.7	15 m	N/A -
910606	12.7 x 19.05	15 m	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Silicone tubing for peristaltic pumps

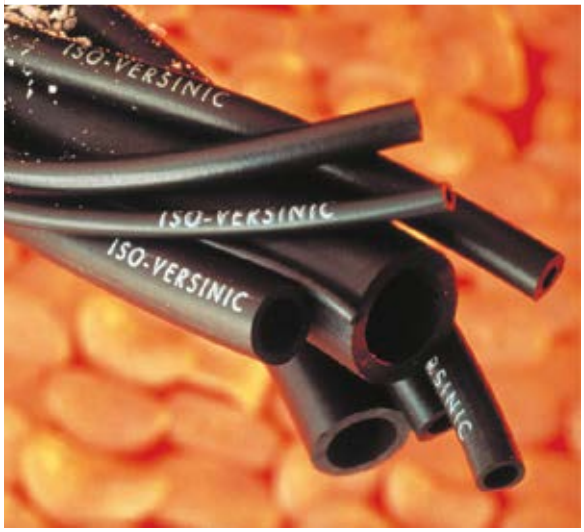


- High mechanical strength
- Ultra-smooth inner surface, precise diameters
- Thermal resistance: -60 °C to +200 °C
- Hardness: 60 Shore A
- Manufactured in a class 10.000 (ISO 7) clean room and on an ISO9001 & ISO13485 certified site
- Complies with: USP class VI, European Pharmacopoeia, ISO 10993-4
- Supplied with certificate of conformity

Cat. No.	Inn. Ø x out. Ø (mm)	Thickness (mm)	Length roll (m)	€ the roll
351071	1.6 x 6.4	2.4	25	N/A -
351072	3.2 x 6.4	1.6	25	N/A -
351073	3.2 x 8.0	2.4	25	N/A -
351074	4.8 x 8.0	1.6	25	N/A -
351075	4.8 x 9.6	2.4	25	N/A -
351076	4.8 x 11.2	3.2	25	N/A -
351077	6.4 x 9.6	1.6	25	N/A -
351078	6.4 x 11.2	2.4	25	N/A -
351079	6.4 x 12.8	3.2	25	N/A -
351080	8.0 x 11.2	1.6	25	N/A -
351081	8.0 x 12.8	2.4	25	N/A -

Cat. No.	Inn. Ø x out. Ø (mm)	Thickness (mm)	Length roll (m)	€ the roll
351082	8.0 x 14.4	3.2	25	N/A -
351083	9.6 x 14.4	2.4	25	N/A -
351084	9.6 x 16.0	3.2	25	N/A -
351085	9.6 x 19.2	4.8	25	N/A -
351086	12.0 x 20.0	4.0	25	N/A -
351087	12.7 x 17.5	2.4	25	N/A -
351088	12.7 x 19.1	3.2	25	N/A -
351089	12.7 x 22.3	4.8	15	N/A -
351090	15.9 x 22.3	3.2	15	N/A -
351091	15.9 x 25.5	4.8	15	N/A -
351092	16.0 x 24.0	4.0	15	N/A -
351093	19.1 x 28.7	4.8	15	N/A -
351094	25.4 x 35.0	4.8	15	N/A -

Iso-Versinic Fluoroelastomer tubing



- 100% fluoroelastomer
- Exceptional resistance to strong acids, oxidants, aromatic and chlorinated solvents, alcohols and bleaching agents
- Can be used between -15 °C and +200 °C
- Recommended for the transport of very aggressive chemicals
- Good resistance to ageing

Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€	Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€ the roll
225455	1 x 3	50	N/A -	225464	6 x 10	25	N/A -
225456	1.5 x 3	50	N/A -	225465	6 x 12	25	N/A -
225457	2 x 4	50	N/A -	225236	7 x 10	25	N/A -
225458	3 x 5	50	N/A -	225466	8 x 11	25	N/A -
225459	4 x 6	50	N/A -	225467	8 x 12	25	N/A -
225460	4 x 8	25	N/A -	225468	10 x 14	25	N/A -
225461	5 x 8	25	N/A -	225469	12 x 17	25	N/A -
225463	6 x 9	25	N/A -	260064*	30 x 40	10	N/A -

*: Iso-Versinic tubing, black

Pharmed tubing



- For peristaltic pumps and cell culture
- Sterilisation possible in autoclave
- Complies with USP Class VI, FDA and NSF criteria
- Less gas permeable than silicone tubing
- Opaque to light
- Usable from - 51 °C to +135 °C
- Manufactured in an ISO 7 cleanroom

Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€	Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€ the roll
260096	0.50 x 3.7	7.5	N/A -	260094	6.4 x 9.5	7.5	N/A -
260087	0.8 x 4	7.5	N/A -	260095	6.4 x 12.7	7.5	N/A -
260088	1.6 x 3.2	7.5	N/A -	260097	8 x 11.1	7.5	N/A -
260089	1.6 x 4.8	7.5	N/A -	260098	9.5 x 12.7	7.5	N/A -
260090	2.4 x 5.6	7.5	N/A -	260099	9.5 x 15.9	7.5	N/A -
260091	3.2 x 4.8	7.5	N/A -	260100	12.7 x 19	7.5	N/A -
260092	3.2 x 6.4	7.5	N/A -	260101	15.9 x 22.2	7.5	N/A -
260093	4.8 x 8	7.5	N/A -	260102	19 x 25.4	7.5	N/A -

Tygon A-60-C food tubing

- Formulated to withstand the high temperatures used in food and beverage manufacturing
- Resistant to repeated autoclaving
- Operating temperature from - 50 °C to +135 °C
- Compatible with all common detergents and sterilising agents
- FDA compliant



Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€	Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€ the roll
260103B	1.6 x 4.8	15	N/A -	260112B	7 x 11	15	N/A -
260104B	3.2 x 6.4	15	N/A -	260113B	8 x 12	15	N/A -
260105B	4.8 x 8	15	N/A -	260114B	10 x 14	15	N/A -
260106B	6.4 x 9.6	15	N/A -	260115B	8 x 11.1	15	N/A -
260107B	6.4 x 12.7	15	N/A -	260116B	9.5 x 12.7	15	N/A -
260108B	3 x 5	15	N/A -	260117B	9.5 x 15.9	15	N/A -
260109B	4 x 6	15	N/A -	260118B	12.7 x 19	15	N/A -
260110B	4 x 8	15	N/A -	260119B	15.9 x 22	15	N/A -
260111B	6 x 10	15	N/A -	260120B	19 x 25.4	15	N/A -

Tygon E-3603 vacuum tubing, DEHP-free

Manufactured in an ISO 7 clean room.



Cat. No.	Inn. ø x out. ø (mm)	Thickness (mm)	€ the 15 m roll
260217B	4.8 x 14.3	4.8	N/A -
260218B	6.4 x 15.9	4.8	N/A -
260219B	9.5 x 22.2	6.4	N/A -
260220B	12.7 x 28.6	8	N/A -
260221B	15.9 x 34.9	9.5	N/A -
260222B	19 x 38.1	9.5	N/A -
260223B	25.4 x 50.8	12.7	N/A -

Tygon E-3603 tubing, without DEHP



- Transparent
- High flexibility
- Excellent chemical resistance
- Hardness Shore A,55
- For condensers, incubators
- Manufactured in an ISO 7 cleanroom

Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€	Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€ the roll
260121B	0.80 x 2.40	15	N/A -	260149B	9.5 x 12.7	15	N/A -
260122B	1.60 x 3.20	15	N/A -	260150B	9.5 x 14.3	15	N/A -
260123B	1.60 x 4.80	15	N/A -	260151B	9.5 x 15.9	15	N/A -
260124B	2.40 x 4.00	15	N/A -	260152B	11.1 x 14.3	15	N/A -
260125B	2.40 x 5.60	15	N/A -	260153B	11.1 x 15.9	15	N/A -
260126B	3.20 x 4.80	15	N/A -	260154B	11.1 x 17.5	15	N/A -
260127B	3.20 x 6.40	15	N/A -	260155B	12.7 x 15.9	15	N/A -
260128B	4.00 x 5.60	15	N/A -	260156B	12.7 x 17.5	15	N/A -
260129B	4.00 x 7.20	15	N/A -	260157B	12.7 x 19	15	N/A -
260130B	4.80 x 6.40	15	N/A -	260158B	12.7 x 20.6	15	N/A -
260131B	4.80 x 8.00	15	N/A -	260159B	14.3 x 19	15	N/A -
260132B	4.80 x 9.60	15	N/A -	260160B	14.3 x 20.6	15	N/A -
260133B	4.80 x 11.10	15	N/A -	260161B	15.9 x 20.6	15	N/A -
260134B	6.40 x 8.00	15	N/A -	260162B	15.9 x 22.2	15	N/A -
260135B	6.40 x 9.60	15	N/A -	260163B	15.9 x 23.8	15	N/A -
260136B	6.40 x 11.10	15	N/A -	260164B	17.5 x 22.2	15	N/A -
260137B	6.4 x 12.7	15	N/A -	260165B	19 x 25.4	15	N/A -
260138B	2 x 4	15	N/A -	260166B	19 x 27	15	N/A -
260139B	3 x 5	15	N/A -	260167B	19 x 28.6	15	N/A -
260140B	4 x 6	15	N/A -	260168B	19 x 31.8	15	N/A -
260141B	5 x 8	15	N/A -	260169B	22.2 x 30.2	15	N/A -
260142B	6 x 9	15	N/A -	260170B	25.4 x 38.1	15	N/A -
260143B	7 x 10	15	N/A -	260171B	28.6 x 38.10	15	N/A -
260144B	8 x 12	15	N/A -	-	-	-	-
260145B	10 x 14	15	N/A -	260173B	38.1 x 47.6	15	N/A -
260146B	8 x 11.1	15	N/A -	260174B	38.1 x 50.8	15	N/A -
260147B	8 x 14.3	15	N/A -	260175B	44.5 x 57.2	15	N/A -
260148B	8 x 15.9	15	N/A -	260176B	50.8 x 63.5	15	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Tygon 2375 and 2475 tubing



- Resistant to the most aggressive chemicals
- Plasticizer-free, which reduces the risk of contamination of the fluid
- Exceptionally smooth inner surface prevents the deposition of particles
- Temperature resistant from - 78 °C to + 52 °C
- Low sorption preserves fluid integrity
- Density: 0.29 - Hardness Shore: 72 - Transparent
- Complies with USP class VI criteria

Models 2375

- Complies with the European Directive 2002/95/EC (RoHS)
- New DEHP-free formulation

Models 2475

- NSF and FDA compliant for food contact
- Low protein absorption

Models 2375				Models 2475			
Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€ the roll	Cat. No.	Inn. ø x out. ø (mm)	Long. (m)	€ the roll
110608B	1.6 x 3.2	15	N/A -	261013	1.6 x 4.8	15	N/A -
110609B	1.6 x 4.8	15	N/A -	261014	3.2 x 6.4	15	N/A -
110610B	2.4 x 4	15	N/A -	261015	4.8 x 8	15	N/A -
110611B	3.2 x 6.4	15	N/A -	260470	6.4 x 9.6	15	N/A -
110612B	4 x 5.6	15	N/A -	261016	8 x 11.2	15	N/A -
110613B	4.8 x 8	15	N/A -	261017	9.6 x 12.7	15	N/A -
110615B	8 x 11.2	15	N/A -	261018	12.7 x 19.1	15	N/A -
110616B	9.5 x 12.7	15	N/A -	261019	15.9 x 22.3	15	N/A -
110617B	12.7 x 19.1	15	N/A -	-	-	-	-
110618B	15.9 x 22.3	15	N/A -	-	-	-	-
110619B	19 x 25.4	15	N/A -	-	-	-	-

Tygon Chemical tubing



- Long life on peristaltic pump
- Plasticizer-free inner core
- Excellent chemical resistance
- Resistant to absorption and adsorption of aqueous products
- Good resistance to chemical disinfectants
- Density: 0.98 - Hardness ShoreA: 61 - Beige
- Temperature resistant from - 60 °C to + 74 °C
- Complies with FDA criteria for food contact
- Complies with the European Directive 2002/95/EC (RoHS)

Cat. No.	inner ø x outer ø (mm)	Length (m)	€ the roll
110636	3.2 x 6.4	15	N/A -
110637	4.8 x 8	15	N/A -
110638	6.4 x 9.6	15	N/A -
110639	9.5 x 12.7	15	N/A -
110640	12.7 x 19.1	15	N/A -

Versilon 2001 tubing



- Good bending strength
- Outstanding chemical resistance
- Do not contain plasticizers
- Temperature resistant from - 78 °C to + 52 °C
- FDA compliant for food contact
- Density: 0.88 - Hardness ShoreA: 69 - Transparent
- Complies with the European Directive 2002/95/EC (RoHS)

Cat. No.	inner ø x outer ø (mm)	Length (m)	€ the roll
110628	1.6 x 4.8	15	N/A -
110629	3.2 x 6.4	15	N/A -
110630	4.8 x 8	15	N/A -
110631	6.4 x 9.6	15	N/A -
110632	8 x 11.2	15	N/A -
110633	9.5 x 12.7	15	N/A -
110634	12.7 x 19.1	15	N/A -
110635	25.4 x 35	15	N/A -

Stainless Steel Filling Countersunk for pipe



- To connect to the end of the pipe to keep it immersed
- 304 stainless steel, autoclavable

Cat. No.	Tube Inn Ø (mm)	€
129355	0.8	N/A -
129356	1.6	N/A -
129357	2.4	N/A -
129358	3.1	N/A -
129359	4.8	N/A -
129360	6.4	N/A -

Stainless steel dispensing tips



- 304 stainless steel, autoclavable
- To be connected to the end of the pipe to dispense the liquid

Cat. No.	Tube Inn Ø (mm)	€
129349	0.8	N/A -
129350	1.6	N/A -
129351	2.4	N/A -
129352	3.1	N/A -
129353	4.8	N/A -
129354	6.4	N/A -

Valve and connectors kit for Luer fittings



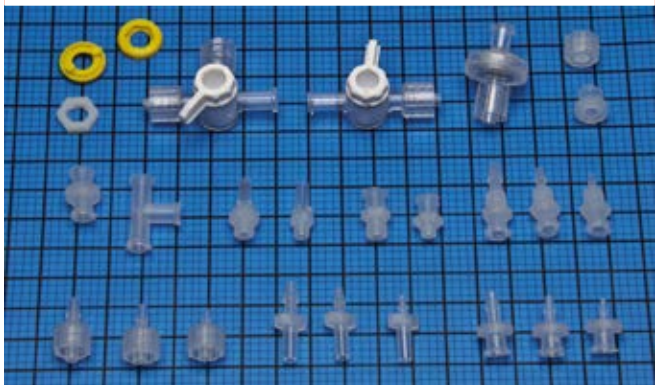
Kit containing a wide range of valves and connectors for liquid flow systems.

Cat. No.	Description	€
W14011	Valve kit for Luer connection	N/A -

WEB

Enter the Cat. No. on dulis.nl
to find the technical sheet detailing the contents of the kit

Luer connection kit for tubing



Kit containing a wide range of Luer connectors for 1.6 /2.4 and 3.2 mm internal diameter tubing.

- **Autoclavable polypropylene connectors**
- **Polycarbonate and polyethylene valves, non-autoclavable**

Cat. No.	Description	€
W504954	Polypropylene connection kit	N/A -
W504955	Kit of 250 Nylon Luer connections	N/A -

LiquiMobil SAN flow indicator

- **Visual indication of the flow rate of liquids or gases**
- **For tubing with inner ø of 6 to 11 mm**
- **Withstands pressures up to 2 bar**
- **Dimensions: 88 x 40 x 15 mm**
- **Max. operating temperature +30 °C**

Cat. No.	Description	€
87201002	Styrene-acrylonitrile red vane indicator	N/A -



Assortment of 72 connectors



Set of 72 autoclavable polypropylene connectors of all types, stored in a transparent polystyrene box.
Includes:

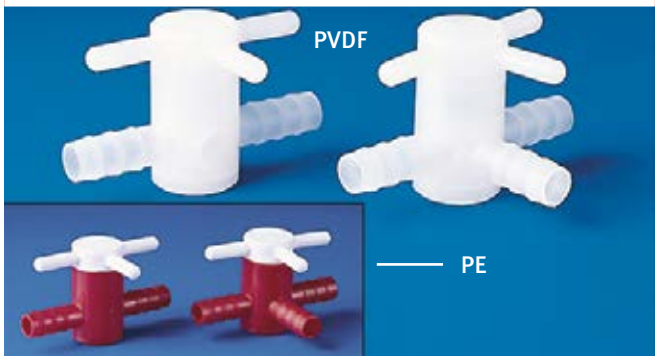
- 10 straight connectors with the same diameter on both sides (ø: 3.2; 4.8; 6.4; 9.5; 12.7 mm);
- 12 T-connectors and 12 Y-connectors (ø: 3.2, 4.8, 6.4, 7.9, 9.5, 12.7 mm);
- 12 straight connectors with different diameters on both sides (ø: 4.8 - 6.4; 4.8 - 9.5; 4.8 - 12.7; 6.4 - 9.5; 6.4 - 12.7; 9.5 - 12.7 mm);
- 6 Quick Disconnect connections (3.2 - 6.4; 6.4 - 9.5; 9.5 -12.7 mm);
- 24 Stopper caps size 0 to 10 (height 25 mm).

Cat. No.	Description	€
045460	Assortment of 72 connectors	N/A -

WEB

Find the brass taps
on dulis.nl

Taps

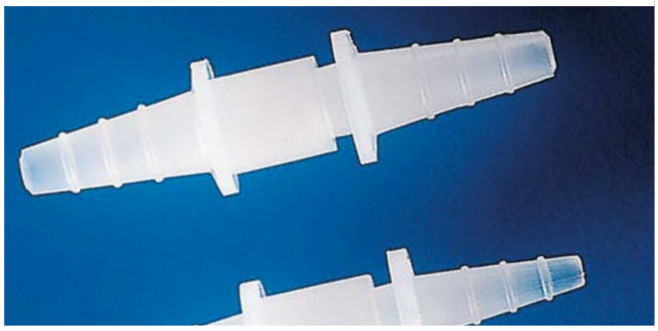


Taps with 2 or 3 channels, Polyethylene has excellent chemical resistance, The PDVF is autoclavable and can withstand temperatures up to +204 °C, Maximum pressure: 34.3 kPa (5 psi),

Cat. No.	Material	Number of channels	Dimensions	For tube with inner ø (mm)	€
086621	PTFE	2	ø 2 mm	6 to 9.5	N/A -
086622	PTFE	2	ø 4 mm	6 to 9.5	N/A -
086623	PTFE	3	ø 2 mm	6 to 9.5	N/A -
086624	PTFE	3	ø 4 mm	6 to 9.5	N/A -
086625	PE	2	Leng., 70 mm	9.5	N/A -
086626	PE	2	Leng., 98 mm	12.7	N/A -
086627	PVDF	3	ø 4 mm	6	N/A -
086628	PVDF	3	ø 6 mm	8	N/A -
086629	PVDF	3	ø 8 mm	10	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

PE rapid connection connector



Cat. No.	Nominal Outer ø (mm)	Maxi/mini outer ø (mm)	Inner ø (mm)	Units/ box	€/ box
391219	4/5/6	3.5/6.0	1.6	100	N/A -
391220	6/7/8	5.3/7.6	2.7	100	N/A -
391221	8/9/10	7.2/9.7	3.6	100	N/A -
391222	10/11/12	9.3/12.2	5.5	100	N/A -
391223	12/13/14	11.0/14.4	7.3	100	N/A -
391224	14/15/16	13.2/16.0	8.8	100	N/A -

Pince clamp pour tuyaux de laboratoire Nalgene™ Clamp for laboratory tubing



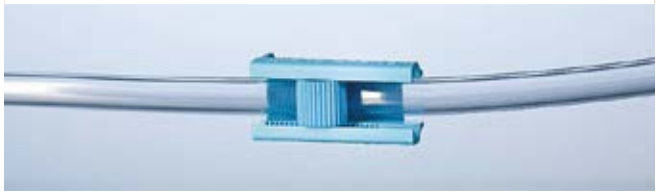
Allows regulation of fluid flow from a fully open position, through flow restriction, to a fully closed position.

- Ideal for use with laboratory tubing
- Autoclavable
- For 1/4 to 7/16 (inch) outer diameter tubing

Cat. No.	Description	€ 12 units
029733	Tubing clamp	N/A -

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Pinces pour tuyaux KECK™ Tubing clamps

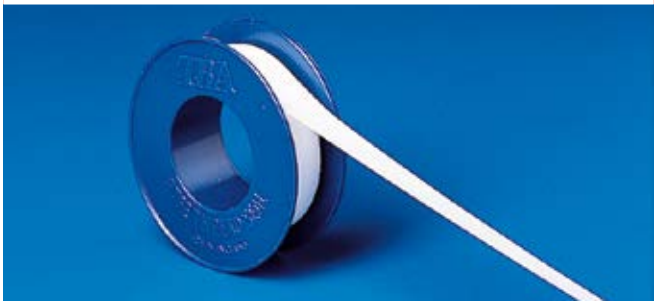


- Precise control of fluid flow using a single finger
- Made of thermoplastic polyester (PBT)
- Temperature resistant up to +200 °C
- Autoclavable

Cat. No.	Diameter (mm)	Colours	€ 10 units
091956	4.5	Red	N/A -
091957	6	Yellow	N/A -
091958B*	10	Bleu	N/A -
091959	14	Red	N/A -

* packaged in 100 units

PTFE tape

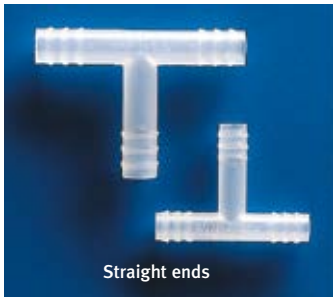


- PTFE
- To protect the threads and remedy leaks
- Colour white
- L x W: 12 mm x 12 m

Cat. No.	Description	€ 10 units
391507B	12 meter tape	N/A -

Polypropylene connectors

Autoclavable Polypropylene Tubing Fittings, Straight, T or Y Shape, Tapered end models allow for greater tolerance of variations in the internal diameter of the tubing,



Straight ends





Tapered ends

T-shape connector straight ends

Cat. No.	Nominal outer diameter (mm)	For tubing with inner diameter of (mm)	€
391164	4	3.3 / 3.6	N/A -
391165	6	4.5 / 5.4	N/A -
391166	8	6.9/ 7.6	N/A -
391167	10	8.7 / 9.5	N/A -
391168	12	10.7 / 11.5	N/A -
391169	14	12.7 / 13.7	N/A -
391170	16	14.7 / 15.6	N/A -

Y-shape connector straight ends

Cat. No.	Suitable for tubes with inner ø (mm)	€
391171	3.2 / 4	N/A -
391172	4.7 / 5.7	N/A -
391173	6.6 / 7.6	N/A -
391174	8.9 / 9.9	N/A -
391175	10.5 / 11.6	N/A -
391176	12.8 / 13.7	N/A -
391177	14.7 / 15.7	N/A -

Tubing connectors with Luer tip



533060



533065

- To connect tubing with a Luer connection
- Made of polypropylene

Cat. No.	Type	Internal diameter of of the tubing (mm)	€
533057	Male luer	1.6	N/A -
533062	Female luer	1.6	N/A -
533058	Male part	2.4	N/A -
533063	Female part	2.4	N/A -
533059	Male part	3.2	N/A -
533064	Female part	3.2	N/A -
533060	Male part	4	N/A -
533065	Female part	4	N/A -
533061	Male part	4.8	N/A -
533066	Female part	4.8	N/A -

Straight fitting connector

533067



- To connect two tubing of the same diameter
- Made of polypropylene

Cat. No.	Internal diameter of of the tubing (mm)	€
533067	1.6	N/A -
533068	2.4	N/A -
533069	3.2	N/A -
533070	4	N/A -
533071	4.8	N/A -
533072	6.35	N/A -
533073	9.5	N/A -

Push-button secured connectors

- To connect tubing of the same or different diameters
- Available with a shut-off valve to cut off the liquid flow if disconnected
- PMC and PMC 12 connectors are intercompatible
- PLC and PLC 12 connectors are intercompatible

	Connectors PMC/PLC	Connectors PMC 12 / PLC 12	Connectors APC
Maximum pressure	Up to 8.3 bar		
Temperature range	-40 to 82 °C	0 to 71 °C	-40 to 82 °C
Main components and valves	Acetal	Polypropylene	Acetal
Push button	Stainless steel	Stainless steel	Acetal
Valve spring	Stainless steel 316	Stainless steel 316	Stainless steel 316
External springs and pin	Stainless steel	Stainless steel	Stainless steel
O-ring seal	Buna-N	EPDM	Buna-N
Sterilization	-	Gamma ≤ 50 kGy	-
Colour	Natural white	Almond	Natural white / light grey button
Use	Common use	Sterilizable, increased chemical resistance	No metal parts in contact with the liquid
Nominal diameter (mm)	PMC: 3.2 / PLC: 6.4	PMC12: 3.2 / PLC12: 6.4	6.4



533027



533026



533023



533050



533015

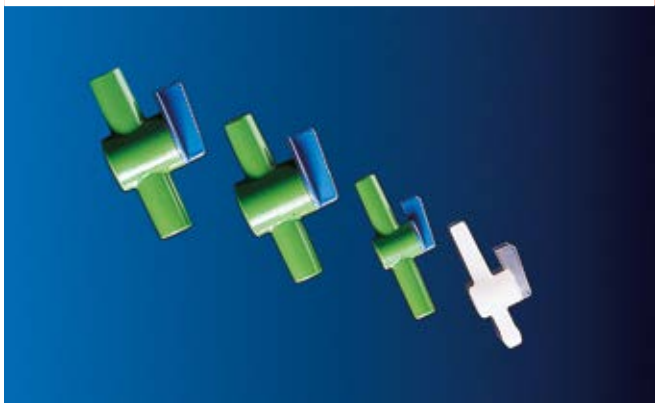


533008

			Without shut-off valve		With shut-off valve			Without shut-off valve		With shut-off valve	
	Inner ø of pipe (mm)	Type of connector	Cat. No.	€	Cat. No.	€	Type of connector	Cat. No.	€	Cat. No.	€
Male coupling body	1.6	PMC	533005	N/A -	533033	N/A -	PMC 12	533012	N/A -	533040	N/A -
Female coupling body	1.6	PMC	533001	N/A -	533029	N/A -	PMC 12	533009	N/A -	533037	N/A -
Male coupling body	3.2	PMC	533006	N/A -	533034	N/A -	PMC 12	533013	N/A -	533041	N/A -
Female coupling body	3.2	PMC	533002	N/A -	533030	N/A -	PMC 12	533010	N/A -	533038	N/A -
Male coupling body	4.8	PMC	533007	N/A -	533035	N/A -	-	-	-	-	-
Female coupling body	4.8	PMC	533003	N/A -	533031	N/A -	-	-	-	-	-
Male coupling body	6.4	PMC	533008	N/A -	533036	N/A -	PMC 12	533014	N/A -	533042	N/A -
Female coupling body	6.4	PMC	533004	N/A -	533032	N/A -	PMC 12	533011	N/A -	533039	N/A -
Male coupling body	6.4	PLC	533018	N/A -	533046	N/A -	PLC 12	533023	N/A -	533051	N/A -
Female coupling body	6.4	PLC	533015	N/A -	533043	N/A -	PLC 12	533021	N/A -	533049	N/A -
Male coupling body	6.4	APC	533027	N/A -	533055	N/A -	-	-	-	-	-
Female coupling body	6.4	APC	533025	N/A -	533053	N/A -	-	-	-	-	-
Male coupling body	7.9	PLC	533019	N/A -	533047	N/A -	PLC 12	-	-	-	-
Female coupling body	7.9	PLC	533016	N/A -	533044	N/A -	PLC 12	-	-	-	-
Male coupling body	9.5	PLC	533020	N/A -	533048	N/A -	PLC 12	533024	N/A -	533052	N/A -
Female coupling body	9.5	PLC	533017	N/A -	533045	N/A -	PLC 12	533022	N/A -	533050	N/A -
Male coupling body	9.5	APC	533028	N/A -	533056	N/A -	-	-	-	-	-
Female coupling body	9.5	APC	533026	N/A -	533054	N/A -	-	-	-	-	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

Taps



- Material: polypropylene and high density polyethylene
- For liquids and gases at low pressure (flow pressure 0.5 bar) or low vacuum
- Body and key can be handled effortlessly and without lubricants
- A straight flow path

Cat. No.	Out diameter (mm)	Inner diameter (mm)	€ 10 units
391234	8	4.9	N/A -
391235	10	7	N/A -
391236	13	10.9	N/A -
391237	16	12.7	N/A -

Nalgene™ PP/TFE taps and connectors



Cat. No.	Description	€ 6 units
029957	PP/TFE Tap 2 mm	N/A -
029958	PP/TFE Tap 4 mm	N/A -

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Fittings

Cat. No.	Description	€ 12 units
029959	HDPE Quick disconnect Connector 1/4 - 5/16 inch	N/A -
029960	HDPE Quick disconnect Connector 3/8 - 7/16 inch	N/A -
029961	T-type PP Connector 1/8 inch	N/A -
029962	T-type PP Connector 3/16 inch	N/A -
029963	T-type PP Connector 1/4 inch	N/A -
029964	T-type PP Connector 5/16 inch	N/A -
029965	T-type PP Connector 3/8 inch	N/A -
029966	T-type PP Connector 1/2 inch	N/A -
029967	Y-type PP Connector 1/8 inch	N/A -
029968	Y-type PP Connector 3/16 inch	N/A -
029969	Y-type PP Connector 1/4 inch	N/A -
029970	Y-type PP Connector 5/16 inch	N/A -
029971	Y-type PP Connector 3/8 inch	N/A -
029972	Y-type PP Connector 1/2 inch	N/A -

1/4"- 28 threaded adapters for multi-channel Q caps



		Peek	Acetal
Thread	For tubes inn. Ø (mm)	Cat. No.	Cat. No.
1/4"- 28	1	910866	910873
1/4"- 28	1.5	910865	910874
1/4"- 28	2	910867	910875
1/4"- 28	2.5	910868	910876
1/4"- 28	3	910869	910877
1/4"- 28	3.2	910870	910878
1/4"- 28	4	910871	910879
1/4"- 28	6	910872	910880
1/4"- 28	8	-	910881
	€/ 5 units	N/A -	N/A -

Tube clamp



Cat. No.	Description	€
076424	Pipe clamp 14 mm	N/A -
076425	Pipe clamp 16 mm	N/A -
076426	Pipe clamp 18 mm	N/A -

Pipe clamp

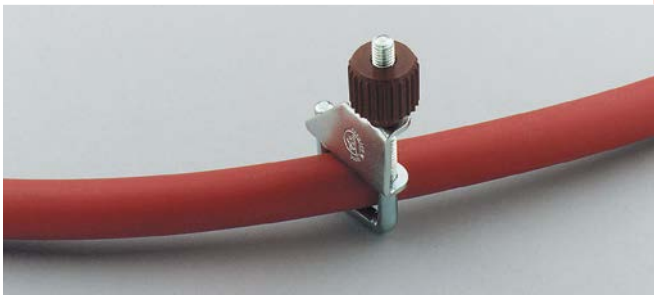
Stainless steel ring.

Cat. No.	Description	€
076427	Pipe collar 10 mm	N/A -
076428	Pipe collar 12 mm	N/A -
076429	Pipe collar 14 mm	N/A -
076430	Pipe collar 17 mm	N/A -
076431	Pipe collar 21 mm	N/A -
076432	Pipe collar 25 mm	N/A -
076433	Pipe collar 29 mm	N/A -
076434	Pipe collar 33 mm	N/A -
076435	Pipe collar 37 mm	N/A -
076436	Pipe collar 41 mm	N/A -



Wilo Tubing clamp

Cat. No.	Description	€
076437	Wilo Tubing clamp 10 mm	N/A -
076438	Wilo Tubing clamp 15 mm	N/A -
076439	Wilo Tubing clamp 20 mm	N/A -



Clamps

Cat. No.	Length (mm)	Height (mm)	Type	€
020393	50	-	Mohr	N/A -
020394	60	-	Mohr	N/A -
020395	70	-	Mohr	N/A -
020396	80	-	Mohr	N/A -
020397	90	-	Mohr	N/A -
020398	17	15	Hoffmann	N/A -
020399	20	17	Hoffmann	N/A -
020400	25	20	Hoffmann	N/A -
020401	25	27	Hoffmann	N/A -
020402	30	20	Hoffmann	N/A -
020403	40	30	Hoffmann	N/A -

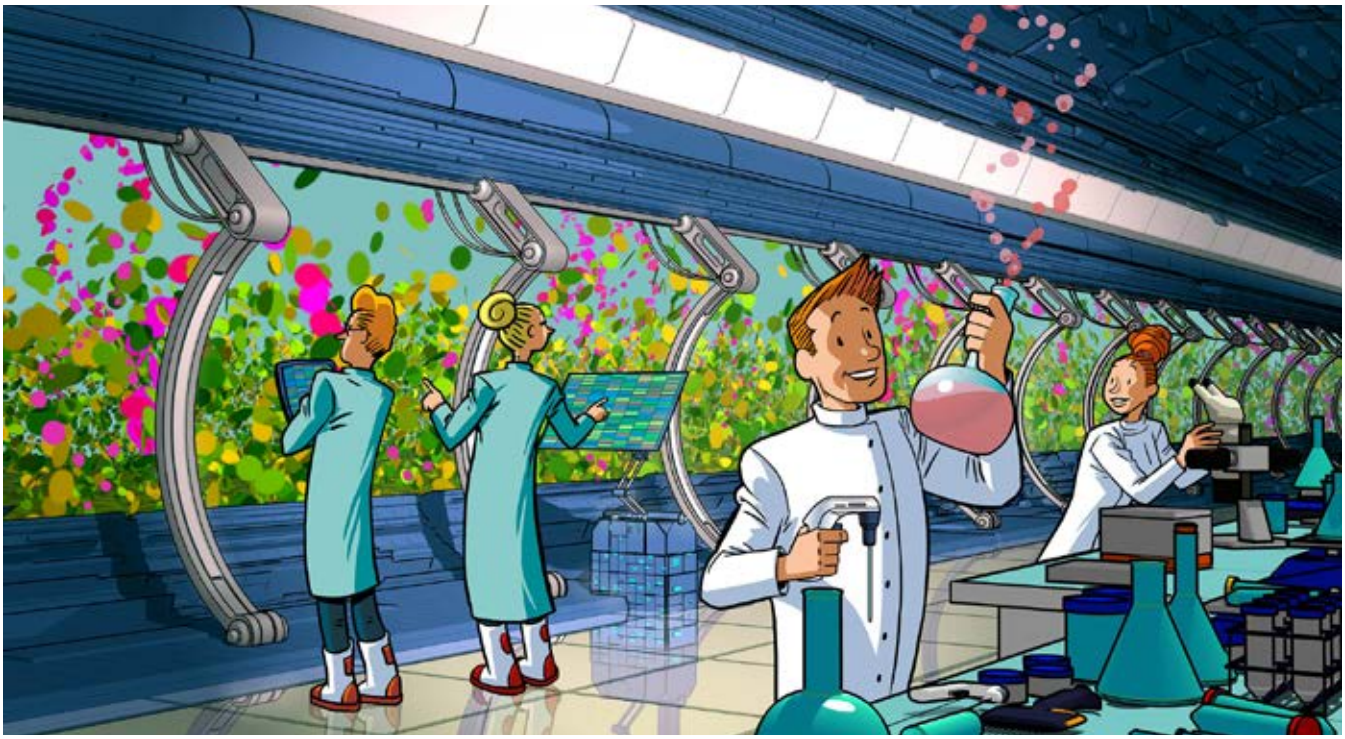
- **Mohr or Hoffmann type**
- **In nickel-plated brass**



Mohr



Hoffmann



All prices are indicative and exclude VAT. Visit www.dulis.nl



STAINLESS STEEL, DISSECTION AND SAMPLING

• TERUMO Syringes and needles	923
• BD Syringes and needles	924 and 925
• Plastic syringes	926
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• Syringe pump	928
• Microperfusers, microfusers, catheterss	929
• Needles, stainless steel cannulas, intubation needles	930 and 931
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• Scalpels, bistouries, Swann-Morton slides	939 to 943
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• Miscellaneous accessories, trays, beakers, cans, funnels and scoops in stainless steel	964 to 968
• Clamps for stands, stands	969 to 972
• Tools	972 and 973

TERUMO Syringes and needles

- Terumo polypropylene syringes for single use
- Manufactured to high quality standards
- Sterile with Luer or Luer Lock tip
- Individually blister-packed:
  - standard syringes: ethylene oxide sterilised
  - special syringes: gamma sterilised



Terumo 3-piece syringes

Cat. No.	Vol. (ml)	Needle	Type	Tip	Eccentric tip	Units/ box	€/ box
050828	1	No	Tuberculin	LT	No	100	N/A -
050829	2.5	No	-	LT	No	100	N/A -
050179B	2.5	G 21 1 1/2	-	LT	No	100	N/A -
050831	5	No	-	LT	No	100	N/A -
050836	5	G 21 1 1/2	-	LT	No	100	N/A -
050840	10	G 21 1 1/2	-	LT	No	100	N/A -
050830	3	No	-	LL	No	100	N/A -
050833	20	No	-	LT	Yes	50	N/A -
050011B	30	No	-	LT	Yes	25	N/A -
050012	50	No	-	LT	Yes	25	N/A -
050017	50	No	-	LL	No	25	N/A -
050013	50	No	Catheter	-	No	25	N/A -

* Insulin 100 units

3-piece electron beam sterilised syringes

Recommended for certain applications, especially IVF.

Cat. No.	Vol. (ml)	Needle	Tip	Eccentric tip	Units/ box	€/ box
050131	5	No	LL	No	100	N/A -
050132	10	No	LL	No	100	N/A -
050133	20	No	LL	No	50	N/A -
050010	20	No	LT	Yes	50	N/A -

Terumo Agani needles

- Stainless steel
- Silicone lubrication
- Triple bevelled tip



Cat. No.	Gauge	Ø x W (mm)	Type of bevel	Code Colour	Cat. No. Terumo	Units/ box	€/ box
050176	G 30	0.3 x 13	Standard: 11 °	Yellow	8AN3013R1	100	N/A -
050174	G 27	0.4 x 16	Standard: 11 °	Grey	8AN2716R1	100	N/A -
050100B	G 27	0.4 x 19	Standard: 11 °	Grey	8AN2719R1	100	N/A -
050101B	G 26	0.45 x 13	Standard: 11 °	Brown	8AN2613R1	100	N/A -
050150B	G 26	0.45 x 23	Standard: 11 °	Brown	8AN2623R1	100	N/A -
050102B	G 25	0.5 x 16	Standard: 11 °	Orange	8AN2516R1	100	N/A -
050139B	G 25	0.5 x 25	Standard: 11 °	Orange	8AN2525R1	100	N/A -
050173	G 24	0.55 x 25	Standard: 11 °	Purple	8AN2425R1	100	N/A -
050162B	G 23	0.6 x 16	Standard: 11 °	Blue	8AN2316R1	100	N/A -
050103B	G 23	0.6 x 25	Standard: 11 °	Blue	8AN2325R1	100	N/A -
050152B	G 23	0.6 x 32	Standard: 11 °	Blue	8AN2332R1	100	N/A -
050104B	G 22	0.7 x 32	Standard: 11 °	Black	8AN2232R1	100	N/A -
050105B	G 22	0.7 x 38	Standard: 11 °	Black	8AN2238R1	100	N/A -

Cat. No.	Gauge	Ø x W (mm)	Type of bevel	Code Colour	Cat. No. Terumo	Units/ box	€/ box
050116B	G 21	0.8 x 16	Standard: 11 °	Green	8AN2116R1	100	N/A -
050106B	G 21	0.8 x 25	Standard: 11 °	Green	8AN2125R1	100	N/A -
050107B	G 21	0.8 x 38	Standard: 11 °	Green	8AN2138R1	100	N/A -
050110C	G 21	0.8 x 50	Standard: 11 °	Green	8AN2150R1	100	N/A -
050108B	G 20	0.9 x 25	Standard: 11 °	Yellow	8AN2025R1	100	N/A -
050109B	G 20	0.9 x 38	Standard: 11 °	Yellow	8AN2038R1	100	N/A -
050121B	G 19	1.1 x 25	Standard: 11 °	Cream	8AN1925R1	100	N/A -
050175	G 19	1.1 x 38	Short: 17 °	Cream	8AN1938S1	100	N/A -
050122B	G 19	1.1 x 38	Standard: 11 °	Cream	8AN1938R1	100	N/A -
050154B	G 19	1.1 x 50	Standard: 11 °	Cream	8AN1950R1	50	N/A -
050129B	G 18	1.2 x 38	Short: 17 °	Pink	8AN1838S1	100	N/A -
050123B	G 18	1.2 x 38	Standard: 11 °	Pink	8AN1838R1	100	N/A -

Surguard 2 safety needles

- Sterile needles with safety cap
- Electron beam sterilisation
- Luer and Luer Lock compatible
- Safety device on the side of the needle: for good visibility during sampling, and easy handling



Cat. No.	Colour code	Gauge	Needle diameter (mm)	Needle Length (mm)	Units/ box	€/ box
050805	Yellow	20G	0.90	38	100	N/A -
050808	Black	22G	0.70	25	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Plastipak syringes



Single use Syringes. Sterile

Cat. No.	Vol. (ml)	Type	Tip	Units/ box	€/ box
303172	1	Tuberculin without needle	Luer Concentric	120	N/A -
303176	1	Tuberculin with needle mounted 10 mm 45/100	Luer Centered	120	N/A -
309628	1	Precision syringe 1/100 graduation	Luer lock	100	N/A -
309658	3	3-Piece	Luer lock	200	N/A -
309649	5	3-Piece	Luer lock	125	N/A -
300912	10	3 pieces	Luer lock	100	N/A -
300613	20	3-Piece	Eccentric luer	120	N/A -
300629	20	3-Piece	Luer lock	120	N/A -
301190	20	3-Piece with needle 21G x 1 1/2	-	60	N/A -
301229	30	3-Piece	Luer lock	60	N/A -
301231	30	3-Piece	Eccentric luer	60	N/A -
300865	50-60	3-Piece	Luer lock	60	N/A -
300866	50	3-Piece	Eccentric luer	60	N/A -
300869	50	3-Piece - opaque (amber)	Luer lock	60	N/A -
300138	50	Opaque infusion with needle 14G x 1 1/4	Luer lock	100	N/A -
300867	50	3-Piece	Catheter tip	60	N/A -
300605	100	3-Piece	Catheter tip*	25	N/A -

* with Luer adapter

Microlance 3 Sterile hypodermic needles



- Hypodermic needles
- Sterile
- Single use
- Latex-free

Cat. No.	Colours	Gauge	Length (mm)	Outer ø (mm)	€/box with 100
300637	White	16	40 (1 1/2)	1.63	N/A -
304622	Pink	18	40 (1 1/2)	1.25	N/A -
301700	Cream	19	25 (1)	1.06	N/A -
301500	Cream	19	40 (1 1/2)	1.06	N/A -
301750	Cream	19	51 (2)	1.07	N/A -
304827	Yellow	20	25 (1)	0.9	N/A -
301300	Yellow	20	40 (1 1/2)	0.9	N/A -
304434	Green	21	16 (5/8)	0.81	N/A -
301156	Green	21	25 (1)	0.81	N/A -
304432	Green	21	40 (1 1/2)	0.81	N/A -
301155	Green	21	51 (2)	0.81	N/A -
304727	Black	22	25 (1)	0.71	N/A -
300900	Black	22	30 (1 1/4)	0.71	N/A -
301000	Black	22	40 (1 1/2)	0.71	N/A -
300094	Black	22	51 (2)	0.71	N/A -
300800	Blue	23	25 (1)	0.63	N/A -
300700	Blue	23	30 (1 1/4)	0.63	N/A -
300400	Orange	25	25 (1)	0.51	N/A -
300600	Orange	25	16 (5/8)	0.51	N/A -
300300	Brown	26	10 (3/8)	0.45	N/A -
950177	Brown	26	13 (1/2)	0.45	N/A -
304300	Brown	26	16 (5/8)	0.45	N/A -
300635	Grey	27	13 (1/2)	0.41	N/A -
302200	Grey	27	19 (3/4)	0.41	N/A -
304000	Yellow	30	13 (1/2)	0.31	N/A -

Plastipak insulin syringes



Sterile insulin syringes with crimped needle.

Cat. No.	Volume (ml)	Graduation (insulin unit)	Outer Ø	Length (mm)	Units/ box	€/ box
324826	0.3	1/2	30 G	8	500	N/A -
324893	0.5	1	30 G	8	200	N/A -
324892	0.5	1	29 G	12.7	200	N/A -
324891	1	1	29 G	12.7	200	N/A -

Discardit II syringes



- 2-piece syringes
- Sterile, single use
- Do not use on syringe pump

Cat. No.	Volume (ml)	Type	Model	Units/ box	€/ box
300928	2	Concentric tip	2-Piece	100	N/A -
309050	5	Eccentric tip	2-Piece	100	N/A -
309110	10	Eccentric tip	2-Piece	100	N/A -
300296	20	Eccentric tip	2-Piece	80	N/A -

Eclipse Safety needles

- Sterile (ethylene oxide) stainless steel needles, latex-free
- Ergonomic, with needle protection cap
- Luer and Luer Lock compatible
- Audible click indicating lock on syringes, and click indicating activation of safety
- Visual safety indicator



Cat. No.	Colours	Gauge	Length (mm)	Inner ø (mm)	Outer ø (mm)	€/box with 100
302437	Pink	18	38	0.84	1.2	N/A -
305888	Yellow	20	38	0.63	0.9	N/A -
305895	Green	21	40	0.49	0.81	N/A -
305887	Black	22	30	0.39	0.71	N/A -
305892	Blue	23	25	0.36	0.63	N/A -
305886	Blue	23	30	0.36	0.63	N/A -
305760	Orange	25	16	0.24	0.5	N/A -
305891	Orange	25	25	0.24	0.5	N/A -
305770	Grey	27	13	0.19	0.4	N/A -
305889	Grey	27	19	0.19	0.4	N/A -
302436	Grey	27	38	0.19	0.4	N/A -
305771	Yellow	30	13	0.14	0.3	N/A -

Emerald™ 2, 5, 10 ml syringes

- 3-piece syringe: body + piston + piston seal
- Tightness even under high pressure, in accordance with ISO 7886-1, Annex D
- Transparent cylinder for perfect injection control
- Special silicon coating ensures smooth and even piston sliding
- With or without BD Microlance™needle
- Syringe and needle in one package
- Single Luer cones according to ISO 594-1
- 30% less material used in manufacturing, for an equivalent level of quality
- Manufactured from non-toxic materials (latex, PVC and DEHP free)



Syringes with mounted needle

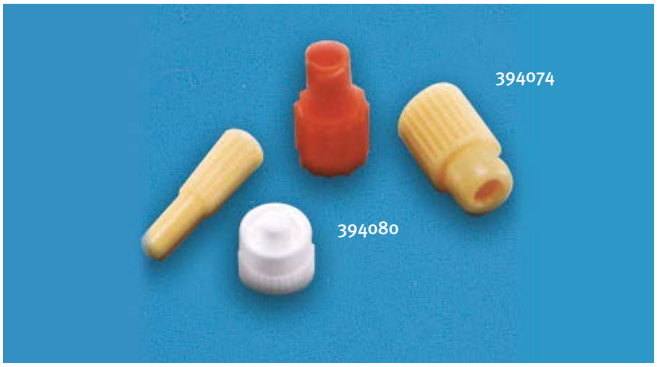
Cat. No.	Vol. (ml)	Cone of syringe	Grad. (ml)	Needle			Units/ box	€/ box
				Gauge	Length. (inch)	Length. (mm)		
307728	2	Concentric	0.1	22	1 1/4	31.75	100	N/A -
307740	2	Concentric	0.1	23	1	25.4	100	N/A -
307741	2	Concentric	0.1	23	1 1/4	31.75	100	N/A -
307732	5	Concentric	0.2	21	1 1/2	38	100	N/A -
307733	5	Concentric	0.2	22	1 1/4	31.75	100	N/A -
307735	5	Concentric	0.2	23	1 1/4	31.75	100	N/A -
307737	10	Concentric	0.2	21	1 1/2	38	100	N/A -
307738	10	Concentric	0.2	22	1 1/4	31.75	100	N/A -

Syringes without needle

Cat. No.	Vol. (ml)	Syringe cone	Grad. (ml)	Dead volume (ml)	Units/ box	€/ box
307727	2	Concentric	0.1	0.07	100	N/A -
307731	5	Concentric	0.2	0.075	100	N/A -
307736	10	Concentric	0.2	0.10	100	N/A -

BD Luer-Lok™caps

- Sterile polypropylene, single pack
- With latex-free membrane and styrene butadiene acryl (ABS), for injection with a needle
- With male/female protection, made of styrene acryl butadiene (ABS): combination of a protective cap and a BD Luer-Lok™ cap, for infusion situations with the need for an injection site closure and at the same time the need for a Luer syringe protective cap

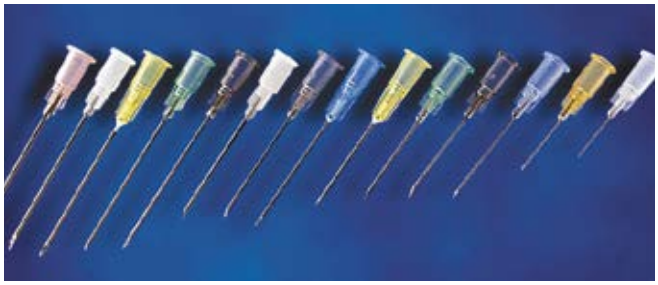


Cat. No.	Description	Units/ box	€/ box
394080	BD Luer-Lok™ cap	200	N/A -
394074	BD Luer-Lok™ cap with latex-free membrane	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Sterican needles (ex Fineject)

Sterile hypodermic needles in unit packaging.



Cat. No.	Length (mm)	Out. ø (mm)	Inn. ø (mm)	Gauge	Colour	Units/ box	€/ box
921018	12	0.4	0.22	27G	Grey	100	N/A -
921020	25	0.6	0.39	23G	Blue	100	N/A -
921021	30	0.6	0.39	23G	Blue	100	N/A -
921057	60	0.6	0.39	23G	Blue	100	N/A -
921058	80	0.6	0.39	23G	Blue	100	N/A -
921026	25	0.9	0.65	20G	Yellow	100	N/A -
921022	30	0.7	0.46	22G	Black	100	N/A -
921023	40	0.7	0.46	22G	Black	100	N/A -
921025	40	0.8	0.56	21G	Green	100	N/A -
921027	40	0.9	0.65	20G	Yellow	100	N/A -
921029	40	1.1	0.78	19G	Cream	100	N/A -
921030	40	1.2	0.95	18G	Pink	100	N/A -
921059	50	0.8	0.56	21G	Green	100	N/A -

Injekt and Omnifix plastic syringes



- Sterile two-piece syringe (without seal) or three-piece syringe (with seal)
- With silicone seal for 3-piece models
- Luer cone or Luer Lock

Omnifix 3-piece syringes

Cat. No.	Vol. (ml)	Luer type	Model	Seal	Units/ box	€/ box
921006	5	Eccentric luer	3-Piece	Silicone	100	N/A -
921008	20	Eccentric luer	3-Piece	Silicone	100	N/A -
921009	30	Eccentric luer	3-Piece	Silicone	100	N/A -
921010	50*	Eccentric luer	3-Piece	Silicone	100	N/A -
921145	1	Concentric Lock	3-Piece	Silicone	100	N/A -
921097	3	Concentric Lock	3-Piece	Silicone	100	N/A -
921012	5	Concentric Lock	3-Piece	Silicone	100	N/A -
921014	20	Concentric Lock	3-Piece	Silicone	100	N/A -
921015	30	Concentric Lock	3-Piece	Silicone	100	N/A -
921016	50	Concentric Lock	3-Piece	Silicone	100	N/A -
921054	60	Catheter	3-Piece	Silicone	100	N/A -

*Graduations up to 60 ml

Injekt syringes 2 units

Cat. No.	Vol. (ml)	Type	Model	Units/ box	€/ box
921036	1	Tuberculin Concentric Luer	2-Piece	100	N/A -
921001	2	Injekt Concentric Luer	2-Piece	100	N/A -
921002	5	Injekt Eccentric Luer	2-Piece	100	N/A -
921003	10	Injekt Eccentric Luer	2-Piece	100	N/A -
921004	20	Injekt Eccentric Luer	2-Piece	100	N/A -
921031	2	Injekt Concentric Luer Lock	2-Piece	100	N/A -
921032	5	Injekt Concentric Luer Lock	2-Piece	100	N/A -
921033	10	Injekt Concentric Luer Lock	2-Piece	100	N/A -
921034	20	Injekt Concentric Luer Lock	2-Piece	100	N/A -

Syringe Stoppers



Combi Stopper red

- Made of polypropylene
- Used to close a male Luer or a Luer Lock
- Used to close a female luer

Combi Stopper yellow

- Polypropylene with latex injection site
- Used to close a female luer
- For intermittent injections or sampling

Combi Stopper white

- Made of polypropylene
- Used to close a female luer

Cat. No.	Description	Units/ box	€/ box
921017	Combi Stopper red	100	N/A -
921046	Combi Stopper white	100	N/A -
921047	Combi Stopper yellow	100	N/A -

3-piece disposable syringes





- Polypropylene syringes, latex-free
- Black gradations
- Sterilised with ethylene oxide, packed individually
- With or without needle

Cat. No.	Type	Volume (ml)	Graduation	Tip	Needle	Units/ box	€/ box
390982	Tuberculin	20	1 - 20 ml	Eccentric luer	-	50	N/A -
390983	Tuberculin	50	1 - 50/60 ml	Eccentric luer	-	30	N/A -
390984B	Insulin	1 (100 UI)	2 UI - 100 UI	Concentric Luer	26 G 1/2	100	N/A -
390985	Tuberculin	2.5	0.1 - 2.5/3 ml	Concentric Luer	22 G 1 1/4	100	N/A -
390986	Tuberculin	5	0.2 - 5/6 ml	Concentric Luer	21 G 1 1/2	100	N/A -
390987	Tuberculin	10	0.2 - 11/12 ml	Concentric Luer	21 G 1 1/2	100	N/A -

Borosilicate glass syringes

- Rigorous calibration of the glass or stainless steel cylinder
- Indelible brown engraving
- Standardised cone to accept any size of needle: Luer or Luer Lock, in glass or stainless steel
- Luer Lock connector for syringes with chrome-plated brass or glass plunger
- Sterilisable up to 160 °C



SOCOREX SWISS

		Syringes with glass piston				Syringes with metal piston			
		Glass Luer cone		Metal Luer Lock cone		Metal Luer cone		Metal Luer Lock cone	
Volume (ml)	Graduation	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
1	0.5	320201	N/A -	320219	N/A -	-	-	-	-
2	0.1	320202	N/A -	320220	N/A -	320229	N/A -	320236	N/A -
3	0.2	320203	N/A -	320221	N/A -	-	-	-	-
5	0.2	320204	N/A -	320222	N/A -	320230	N/A -	320237	N/A -
10	0.2	320205	N/A -	320223	N/A -	320231	N/A -	320238	N/A -
20	1	320206	N/A -	320224	N/A -	320232	N/A -	320239	N/A -
30	1	320207	N/A -	320225	N/A -	320233	N/A -	320240	N/A -
50	1	320208	N/A -	320226	N/A -	-	-	-	-
100	5	320209	N/A -	320227	N/A -	-	-	-	-



Luer to tip adapter

Allows a 200 µl or 1000 µl tip to be attached to the Luer cone of a syringe.

Cat.No.	Luer to tip Adapter	€
075349	100 to 200 µl	N/A -
075350	1000 µl	N/A -



8-channel distribution rake

- 8-channel pipetting unit
- Made of polypropylene
- Autoclavable at 121 °C
- Attaches to a Luer cone or Combitips Plus

Cat.No.	Description	€
091438	8-channel distribution rake	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Perfusor syringe pump



- Syringe pump characterised by its simplicity and flexibility of use
- Different functions available
- Battery operated
- Automatic recognition of the syringe capacity (20 and 50 ml) and use of the main syringes available on the market
- Security alarms

Cat.No.	Description	€
921119	Kit Perfusor Space + power supply + clamp pole	N/A -

Accessories

CatNo.	Description	€
921044	Universal clamp with integrated handle pole clamp SP	N/A -
921045	Power supply SP	N/A -

3-piece syringe for syringe pump

Cat. No.	Volume (ml)	Luer type	Seal	Units/ box	€/ box
921055B	20	Concentric Lock	Silicone	50	N/A -
921056B	50	Concentric Lock	Silicone	100	N/A -

SPLab series syringe pump



- With infusion and sampling modes (6 operating modes)
- For syringes from 10 µl to 100 ml (1 and 2 channel version) or 10 µl to 10 ml (4, 6, 8, 10 and 12 channel version)
- Large 320 x 240 mm LCD colour display
- Automatic shutdown and alarm in case of pump blockage
- Warranty: 3 years

Number of channels	1	2	4	6	8	10	12
Linear speed min/max	5 µm/min 132 mm/min						
Cat. No.	129361	129362	129363	129364	129365	129366	129367
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

NE-300, NE-1000 and NE-1200X syringe pump

410651



- Model NE-1000 programmable

Model	NE-300	NE-1000	NE-1002X
Compatibility	Luer Lock syringes from 1 to 60 ml		Luer Lock syringes from 1 to 60 ml and Hamilton type microsyringes 0.5 to 5 ml
Flow rate range*	0.73 µl/h to 1257 ml/h	0.73 µl/h to 1699 ml/h	0.008 nl/hr to 90.18 ml /hr
Programming	-	41 steps	
Dim. W x L x H (mm)	229 x 146 x 114		14.605 x 22.86 x 11.43
Weight (kg)	1.63		1.63
Power supply (Hz)	12 V, 800 mA		12V DC, 750mA
Cat. No.	410649	410651	410650
€	N/A -	N/A -	N/A -

* depending on the volume of syringe used.

SURFLO® winged Infusion sets

- Flexible tubing without memory foam.
- Transparent Luer adapter
- Single-handed technique
- Tubing Length 30 cm (except ref. 050169 tubing length: 20 cm)
- Expiry date: 5 years



Cat. No.	Gauge	Diam. (mm)	Needle length (mm)	Colour code	Units/ box	€/ box
050164B	19	1.1	19	Cream	50	N/A -
050165B	21	0.8	19	Green	50	N/A -
050166B	22	0.7	19	Black	50	N/A -
050167B	23	0.6	19	Blue	50	N/A -
050168B	25	0.5	19	Orange	50	N/A -
050169*	27	0.4	13	Grey	100	N/A -

* tubing length 20 cm

Catheters

Short catheters

- Short peripheral venous catheters
- Triple-bevelled needles with orientation lug
- Thin-walled polyurethane catheter with four longitudinal radio-capacity strips
- Base with lug for raising the catheter with one finger and transparent reflux chamber
- Models with or without wings; the wings are perforated for possible suture fixation of the catheter
- Colour coding in accordance with standard 6009
- Obturator mandrels available separately (except gauge 24)

Short safety catheters

- Triple bevelled needles
- In polyurethane
- Automatic protection system
- Click sound indicates that the protective cap has been fitted
- Impossible to deactivate the safety mechanism
- Can be handled with one hand, ergonomic device





Cat.No.	Description	Units/ box	€/ box
921048	Short safety catheters without wings	50	N/A -
921049	Short safety catheters with wings	50	N/A -
921050	Short catheters without wings	50	N/A -
921051	Short catheters with wings	50	N/A -

Venofix A needle

- Epicranial device with 30 cm PVC tubing
- Base with stopper
- Flexible wings ensure an easy grip
- The flexibility of the tubing prevents traction on the injection site during infusion



Cat. No.	ø (mm)	Gauge	Length (mm)	Colour base	Units/ box	€/ box
921052	0.4	27	10	Grey	50	N/A -
921061	0.5	25	15	Orange	50	N/A -
921062	0.55	24	20	Violet	50	N/A -
921063	0.7	22	20	Black	50	N/A -
921064	0.8	21	20	Green	50	N/A -
921065	1.1	19	20	Cream	50	N/A -

Non-sterile tourniquets 75 cm



- Tourniquets 75 cm
- DM class I

- Latex tourniquets:
  - 100% natural latex
  - Width: 18 mm
  - Machine washable

- Synthetic tourniquets:
  - Latex-free textured surface
  - Blue
  - Width: 25 mm

Cat. No.	Description	Width (mm)	Number/ box	€/ box
030641	Latex tourniquets	18	25	N/A -
031518	Synthetic tourniquets	25	30	N/A -

Polyisoprene tourniquets



- Latex-free, low abrasion
- Single use
- Constant thickness to avoid any risk of tearing

Cat. No.	Dimensions (mm)	Packaging	Colours	€
320534	457.2 x 25.4	Bag of 100	Green	N/A -
320536		Bag of 250	Orange	N/A -
320537		Roll with 25		N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Drenching cannulas



➤Stainless steel,autoclavable ➤Luer lock

Laboratory cannulas, foam

Cat. No.	Type	Gauge	ø x length (mm)	€/ box
061304	Cannula	14G	2.2 x 100	N/A -

Drenchers (animal drugging cannulas)

Cat. No.	Type	Gauge	ø x length (mm)	Units/ box	€/ box
061305	Curved	20G	0.9 x 25	3	N/A -
061306	Curved	18G	1.2 x 51	3	N/A -
061307	Curved	16G	1.6 x 102	2	N/A -
061308	Curved	11G	3.0 x 203	2	N/A -
061309	Straight	20G	0.9 x 25	3	N/A -
061310	Straight	18G	1.2 x 51	3	N/A -
061311	Straight	16G	1.6 x 102	2	N/A -
061312	Straight	11G	3.0 x 203	2	N/A -



Find our complete range of needles and syringes on dulis.nl

Single-use intubation needles

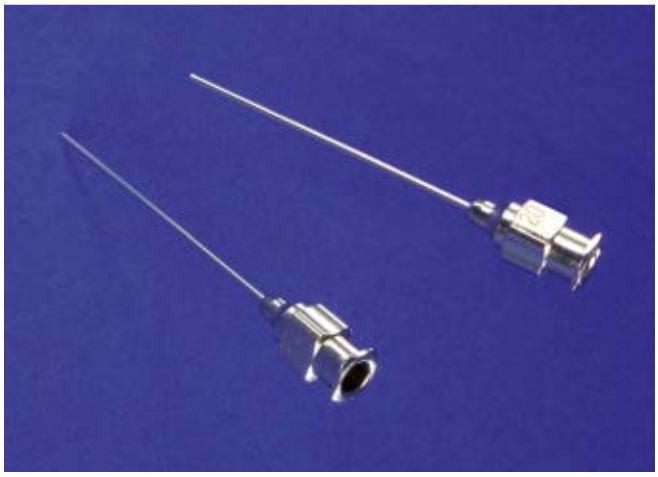


➤Plastic Luer tip
➤Flexible stainless steel rod
➤Sterile silicone tip
➤Non-toxic
➤Packed in bags of 5, 20 bags in a box

Pyro-genic

Cat. No.	Gauge	Length	ø x W (mm)	Units/ box	€/ box
075516	20G	1 1/2”	0.9 x 38.1	100	N/A -
075517	18G	2”	1.27 x 50.8	100	N/A -
075518	15G	3”	1.83 x 76.2	100	N/A -

Laboratory needles with blunt tip



➤With blunt end, straight cut ➤Stainless steel ➤Luer tip

Cat. No.	Gauge	Length	ø x W (mm)	Units/ box	€/ box
075503	24G	1”	0.56 x 25.4	12	N/A -
075504	22G	1 1/2”	0.71 x 38.1	12	N/A -
075505	20G	1 1/2”	0.9 x 38.1	12	N/A -
075506	20G	4”	0.9 x 101.6	12	N/A -
075507	20G	6”	0.9 x 152.6	12	N/A -
075508	18G	2”	1.27 x 50.8	12	N/A -
075509	18G	4”	1.27 x 101.6	12	N/A -
075510	18G	6”	1.27 x 152.4	12	N/A -
075511	16G	2”	1.65 x 50.8	12	N/A -
075512	16G	4”	1.65 x 101.6	12	N/A -
075513	15G	4”	1.83 x 101.6	12	N/A -
075514	14G	4”	2.11 x 101.6	12	N/A -
075515	14G	6”	2.11 x 152.4	12	N/A -

Micro emulsion needles

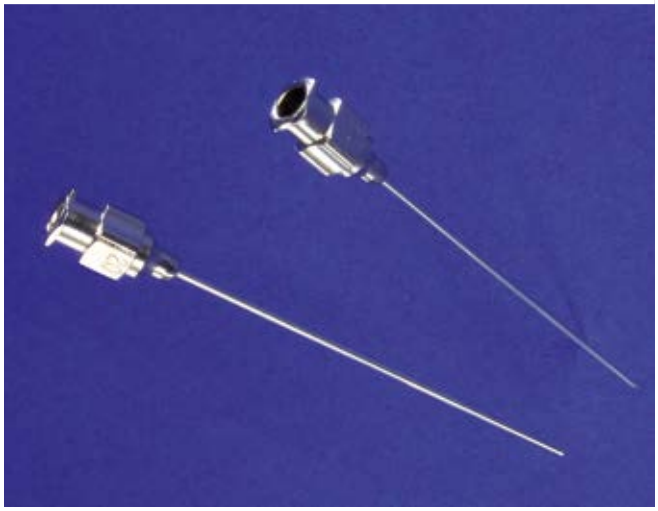


➤Stainless steel
➤To facilitate the mixing of additives or emulsions, liquids of different viscosities
➤Fits on two Luer Lock syringes
➤With or without reinforcement axis
➤Packed in sets of 4

			Without reinforcing rod		With reinforcing rod	
Gauge	Length (mm)	ø x W (mm)	Cat. No.	€ 4 units	Cat. No.	€ 4 units
25G	2 7/8”	0.51 x 73	-	-	075525	N/A -
22G	2 7/8”	0.71 x 73	075520	N/A -	075526	N/A -
20G	2 7/8”	0.9 x 73	075521	N/A -	075527	N/A -
18G	2 7/8”	1.27 x 73	075522	N/A -	075528	N/A -
16G	2 7/8”	1.65 x 73	-	-	075588	N/A -
20G	1 7/8”	0.9 x 47.6	075523	N/A -	-	-
18G	1 7/8”	1.27 x 47.6	075524	N/A -	-	-

Extra-long needles

- Bevelled tip
- Stainless steel needle and 304 stainless steel luer connector



Cat. No.	Gauge	Length	ø x W (mm)	Units/ box	€/ box
075573	16G	12”	1.47 x 305	12	N/A -
075575	16G	4”	1.47 x 102	12	N/A -
075574	16G	6”	1.47 x 152	12	N/A -
075572	18G	10”	1.3 x 254	12	N/A -
075550	18G	12”	1.3 x 305	12	N/A -
075571	18G	4”	1.3 x 102	12	N/A -
075549	18G	6”	1.3 x 152	12	N/A -
075569	19G	4”	1.07 x 102	12	N/A -
075570	19G	6”	1.07 x 152	12	N/A -
075568	20G	10”	0.9 x 254	12	N/A -
075548	20G	12”	0.9 x 305	12	N/A -
075567	20G	4”	0.9 x 102	12	N/A -
075543	20G	6”	0.9 x 152	12	N/A -
075547	20G	8”	0.9 x 203	12	N/A -
075565	21G	4”	0.8 x 102	12	N/A -
075566	21G	6”	0.8 x 152	12	N/A -
075544	22G	6”	0.7 x 152	12	N/A -
075564	22G	4”	0.7 x 102	12	N/A -

Intubation needles

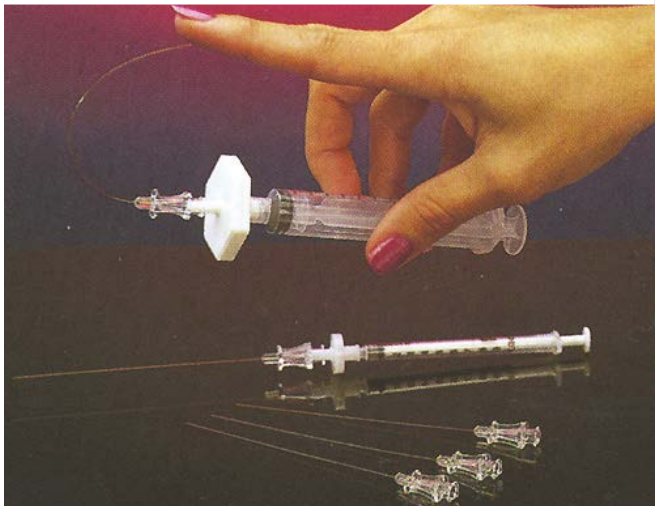
Stainless steel needles terminated with a ball to prevent tissue injury when intubating animals.
4 types of needles: straight, bent, curved for small animals or curved for large animals. Packs of 12.



Cat. No.	Shape	Gauge	Long.	Ball ø (mm)	Animal	ø x H (mm)	€ 12 units
075471	Straight	24G	1”	1.25	Mouse 14 g	0.56 x 25.2	N/A -
075472	Straight	22G	1”	1.25	Mouse	0.71 x 25.2	N/A -
075473	Straight	22G	1 1/2”	1.25	15 - 20 g	0.71 x 38.1	N/A -
075474	Straight	20G	1”	2.25	Mouse 20 - 25 g	0.9 x 25.2	N/A -
075475	Straight	20G	1 1/2”	2.25	rat 50 - 75 g	0.9 x 38.1	N/A -
075476	Straight	20G	3”	2.25	Mouse 20 - 25 g	0.9 x 76.2	N/A -
075477	Straight	18G	1”	2.25	Mouse 25 - 30 g rat 75 - 120 g	1.27 x 25.2	N/A -
075478	Straight	18G	1 1/2”	2.25	guinea pig 250 g	1.27 x 38.1	N/A -
075479	Straight	18G	2”	2.25	Mouse 30 - 35 g rat 100 - 200 g	1.27 x 50.8	N/A -
075480	Straight	18G	3”	2.25	guinea pig 350 g	1.27 x 76.2	N/A -
075482	Straight	16G	2”	3	Rat 100 - 200 g	1.65 x 50.8	N/A -
075483	Straight	16G	3”	3	Guinea pig 350 g	1.65 x 76.2	N/A -
075484	Straight	14G	3”	4	Guinea pig	2.11 x 76.2	N/A -
075485	Straight	13G	3”	4	400 - 600 g	2.41 x 76.2	N/A -
075486	Curved	20G	1 1/2”	2.25	Mouse	0.9 x 38.1	N/A -
075487	Curved	20G	3”	2.25	20 - 25 g	0.9 x 76.2	N/A -
075488	Curved	18G	1 1/2”	2.25	Rat 75 - 120 g	1.27 x 38.1	N/A -
075489	Curved	18G	2”	2.25	Mouse 30 - 35 g	1.27 x 50.8	N/A -
075490	Curved	18G	3”	2.25	rat 100 - 200 g	1.27 x 76.2	N/A -
075491	Curved	16G	2”	3	Rat 100 - 200 g	1.65 x 50.8	N/A -
075492	Curved	16G	3”	3	Rat 150 - 300 g	1.65 x 76.2	N/A -
075493	Curved	16G	4”	3	guinea pig 350 g rabbit 1 - 3 kg	1.65 x 101.6	N/A -
075494	Curved	14G	3”	4	Guinea pig 400 g	2.11 x 76.2	N/A -
075495	Curved	18G	2”	3	Guinea pig 250 g	1.27 x 76.2	N/A -
075496	Folded	12G	3 1/2”	6.25	Primate ‹ 4.5 kg	2.7 x 8.82	N/A -

Microfil™ Non-metallic needles

- For filling micropipettes without air bubbles
- Extremely flexible
- Resistant to most organic acids, bases and solvents, chemically inert
- Composition: plastic and silica, metal-free
- Supplied with a Luer tip
- Sterilizable, autoclavable



Cat. No.	Gauge	Length (mm)	Outer ø(mm)	Inner ø (mm)	Units/ box	€/ box
050200	34G	67	0.164	0.1	5	N/A -
050202	28G	97	0.35	0.25	5	N/A -
050204	28G	67	0.35	0.25	5	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Vacuette Greiner Bio-One vacuum blood collection system



- Medical polymer tube particularly well suited for research and control applications
- Easy to use, unbreakable
- To be used with the needle adapter
- With viewing window
- International colour code

Vacuette - coagulation activator serum

Cat. No.	Vol. (ml)	Code Colour	Ring	Closure	Format (mm)	Label	Units/ box	€/ box
Without gel								
454096A	2	Red	White	1/4 screw	75 x 13	Paper	50	N/A -
454236A	2	Red	White	Slip	75 x 13	Paper	50	N/A -
454204A	4	Red	Black	Slip	75 x 13	Paper	50	N/A -
454027A	4.5	Red	Black	1/4 screw	75 x 13	Paper	50	N/A -
456092A	6	Red	Black	1/4 screw	100 x 13	Paper	50	N/A -
456089A	6	Red	Black	Slip	100 x 13	Paper	50	N/A -
455092A	9	Red	Black	Slip	100 x 16	Paper	50	N/A -
With gel								
454028A	2.5	Red	Yellow	1/4 screw	75 x 13	Paper	50	N/A -
454071A	4	Red	Yellow	1/4 screw	75 x 13	Paper	50	N/A -
454067A	4	Red	Yellow	Slip	75 x 13	Paper	50	N/A -
456071A	5	Red	Yellow	1/4 screw	100 x 13	Paper	50	N/A -
456073A	5	Red	Yellow	Slip	100 x 13	Paper	50	N/A -
455071A	8	Red	Yellow	Slip	100 x 16	Paper	50	N/A -
476071A	5	Red	Yellow	Screw	100 x 13	Transp.	50	N/A -

Vacuette - coagulation, sodium citrate (0.109 mol/l)

Cat. No.	Vol. (ml)	Code Colour	Ring	Closure	Format (mm)	Label	Units/ box	€/ box
454322A	2	Blue	White	Slip	75 x 13	Paper	50	N/A -
454327A	3.5	Blue	Black	1/4 screw	75 x 13	Paper	50	N/A -
454332A	3.5	Blue	Black	Slip	75 x 13	Paper	50	N/A -

Vacuette - sedimentation rate, sodium citrate 3.2 % (0.13 mol/l) ratio 1/5th

Cat. No.	Vol. (ml)	Code Colour	Ring	Closure	Format (mm)	Label	Units/ box	€/ box
454073A	2	Black	Black	1/4 screw	75 x 13	Paper	50	N/A -
729093A	1.6*	Black	NC	1/4 fit	120 x 9	Paper	50	N/A -

* Vacuette for automatic machines

Vacuette - glucose, blood alcohol

Cat. No.	Vol. (ml)	Code Colour	Ring	Closure	Format (mm)	Label	Units/ box	€/ box
Sodium fluoride and potassium oxalate								
454062A	4	Grey	Black	1/4 screw	75 x 13	Paper	50	N/A -
Sodium fluoride and EDTA K3								
454085A	2	Grey	White	1/4 screw	75 x 13	Paper	50	N/A -
454091A	4	Grey	Black	1/4 screw	75 x 13	Paper	50	N/A -
454033A	4	Grey	Black	Slip	76 x 13	Paper	50	N/A -
Heparin monoiodoacetate								
454248A	4.5	Grey	Black	Slip	75 x 13	Paper	50	N/A -

Vacuette - clinical chemistry

Cat. No.	Vol. (ml)	Code Colour	Ring	Closure	Format (mm)	Label	Units/ box	€/ box
Sodium heparin								
455051A	9	Green	Black	Slip	100 x 16	Paper	50	N/A -
Lithiumheparin								
454089A	2	Green	White	1/4 screw	75 x13	Paper	50	N/A -
454237A	2	Green	White	Slip	75 x 13	Paper	50	N/A -
454082A	3	Green	Black	1/4 screw	75 x13	Paper	50	N/A -
454244A	3	Green	Black	Slip	75 x 13	Paper	50	N/A -
454029A	4	Green	Black	Slip	75 x 13	Paper	50	N/A -
456084A	6	Green	Black	1/4 screw	100 x 13	Paper	50	N/A -
456088A	6	Green	Black	Slip	100 x 13	Paper	50	N/A -
455084A	9	Green	Black	Slip	100 x 16	Paper	50	N/A -
474084A	4	Green	Black	Screw	75 x 13	Transp.	50	N/A -
Lithiumheparin with gel								
454046A	2.5	Green	Yellow	1/4 screw	75 x 13	Paper	50	N/A -
454247A	3	Green	Yellow	Slip	75 x 13	Paper	50	N/A -
454008A	4	Green	Yellow	Slip	75 x 13	Paper	50	N/A -
456083A	5	Green	Yellow	1/4 screw	100 x 13	Paper	50	N/A -
456087A	5	Green	Yellow	Slip	100 x 13	Paper	50	N/A -
455083A	8	Green	Yellow	Slip	100 x 16	Paper	50	N/A -

Vacuette - haematology, EDTA K3

Cat. No.	Vol. (ml)	Code Colour	Ring	Closure	Format (mm)	Label	Units/ box	€/ box
454034A	1	Purple	White	1/4 screw	75 x 13	Paper	50	N/A -
454087A	2	Purple	White	1/4 screw	75 x 13	Paper	50	N/A -
454222A	2	Purple	White	Slip	75 x 13	Paper	50	N/A -
454232A	3	Purple	White	1/4 screw	75 x 13	Paper	50	N/A -
454086A	3	Purple	Black	1/4 screw	75 x 13	Paper	50	N/A -
454217A	3	Purple	Black	Slip	75 x 13	Paper	50	N/A -
454036A	4	Purple	Black	1/4 screw	75 x 13	Paper	50	N/A -
454021A	4	Purple	Black	Slip	75 x 13	Paper	50	N/A -
456036A	6	Purple	Black	1/4 screw	100 x 13	Paper	50	N/A -
455036A	9	Purple	Black	Slip	100 x 16	Paper	50	N/A -
474036A	4	Purple	Black	Screw	75 x 13	Transp.	50	N/A -

Vacuette - ormonology - tumour markers - nuclear medicine EDTA K3 + aprotinin

Cat. No.	Vol. (ml)	Code Colour	Ring	Closure	Format (mm)	Label	Units/ box	€/ box
454261A	4	Pink	Black	1/4 screw	75 x 13	Paper	50	N/A -

Vacuette - EDTA K2 with separator gel

Cat. No.	Vol. (ml)	Code Colour	Ring	Closure	Format (mm)	Label	Units/ box	€/ box
454235A	4	Purple	Yellow	1/4 screw	75 x 13	Paper	50	N/A -

Vacuette - trace element determination - sodium heparin

Cat. No.	Vol. (ml)	Code Colour	Ring	Closure	Format (mm)	Label	Units/ box	€/ box
456080A	6	Royal Blue	Black	1/4 screw	100 x 13	Paper	50	N/A -

Vacuette - neutral tubes without anticoagulant or activator

Cat. No.	Vol. (ml)	Code Colour	Ring	Closure	Format (mm)	Label	Units/ box	€/ box
454088A	2	White	White	1/4 screw	75 x 13	Paper	50	N/A -
454001A	4	White	Black	1/4 screw	75 x 13	Paper	50	N/A -
456001A	6	White	White	1/4 screw	100 x 13	Paper	50	N/A -
455001A	9	White	White	Fit	100 x 16	Paper	50	N/A -

Sampling accessories

Visio+ transparent needles

Needles with an optical window to visualise venous blood return.

- **Better optimisation of sampling**
- **More comfort for the sampler**
- **Perfect for sampling training**
- **Avoids the need to systematically transplant difficult veins**

Cat.No.	Gauge	Colours	Pack. unit	Units/ box	€/ box
450040	21 G - 1.5»	Green	100	2000	N/A -
450041	22 G - 1.5»	Yellow	100	2000	N/A -
450042	21 G - 1»	Green	100	2000	N/A -
450043	22 G - 1»	Yellow	100	2000	N/A -

Multiple needles

Cat.No.	Multi-needle Vacuette®	Gauge	Colours	Units/ bag/	€/ bag
450071	7/10th - 25 mm	22 G - 1»	Black	100	N/A -
450072	8/10th - 25 mm	21 G - 1»	Green	100	N/A -
450073	9/10th - 25 mm	20 G - 1»	Yellow	100	N/A -
450075	7/10th - 38 mm	22 G - 1.5»	Black	100	N/A -
450076	8/10th - 38 mm	21 G - 1.5»	Green	100	N/A -
450077	9/10th - 38 mm	20 G - 1.5»	Yellow	100	N/A -
450070	Luer adapter	20 G - 1»	Blue	100	N/A -

Pump body with eccentric luer: Holdex®

Cat. No.	Description	Pack. unit	Units/ box	€/ box
450263	Body with eccentric luer tip, sterile	700	700	N/A -

QuickShield®short safety pump body

Cat. No.	Description	Pack. unit	Units/ box	€/ box
450230	QuickShield® safety pump body	1000	1000	N/A -

Standard pump body

Cat. No.	Description	Pack. unit	Units/ box	€/ box
450201	Vacuette® standard body, short version	10	10	N/A -

Safety caps for vacuum tubes

The caps Cat. No. 080165 (ø 13 mm) and 080166 (ø 16 mm) have been developed to re-seal tubes under vacuum after analysis. They ensure triple safety: no risk of contamination, no aerosol effect (unlike traditional caps), easy opening.

Diameter 13 mm

Natural	Yellow	Blue	Red	Green	Purple	Grey	€ 1000 units
080165	080165J	080165B	080165R	080165V	080165M	080165G	N/A -

Diameter 16 mm

Natural	Yellow	Blue	Red	Green	Purple	Grey	€ 1000 units
080166	080166J	080166B	080166R	080166V	080166M	080166G	N/A -



Polypropylene container for Vacuettes®

For the safe transport of samples from collection to laboratory analysis.

- **Polypropylene, with foam insert**
- **Container dimensions: Ø x H = 113 x 180 mm**
- **Screw-on lid with absorbent foam**
- **12 slots for Vacuette® tubes from 9 to 16 mm diameter and 100 mm height**

Cat. No.	Description	€
390859	Container for 12 vacuettes, with cardboard transport box	N/A -
390860	Container for 12 vacuettes	N/A -



Mediapack shipping cases for tubes

- **Lightweight and robust, made of polypropylene**
- **Ensuring perfect protection of the contents**
- **Reusable, autoclave sterilised**
- **Refrigerable, virtually waterproof**
- **Easy to clean**
- **Stackable**
- **Tested by the Post Office**
- **Free engraving from 3000 boxes**

Cat. No.	Description	Units/ box	€/ box
950140	PP shipping case for 2 tubes up to 16 x 117 mm	500	N/A -
950142	PP shipping case for 1 tube up to 16 x 117 mm	100	N/A -
950143	PP shipping case for 1 tube up to 41.5 x 71 mm	100	N/A -
950144	PP shipping case for 1 tube up to 30 x 117 mm	100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

BD Vacutainer vacuum sampling systems



Blood or urine collection system with sterile PET or glass vacuum tubes.

- **Hemogard cap for increased safety during sampling and transport**
- **Minimise the risk of exposure to blood by splashing or contact**
- **Compliant with ISO 6710, NF EN 14820 and CLSI H1-A6 standards**

Blood collection tubes

Dry tube without additives

Vol. (ml)	Dim. (mm)	Colours Cap	Material	Label Paper	€ 100 units
3	13 x 75	White	PET	362725A	N/A -

CAT (silica) tubes with coagulation activator

Vol. (ml)	Dim. (mm)	Cap colour	Material	Paper label	€ 100 units	Transparent label	€ 100 units
2	13 x 75	Red	PET	368492A	N/A -	368271A	N/A -
4	13 x 75	Red	PET	369032	N/A -	365904	N/A -
6	13 x 100	Red	PET	368815A	N/A -	367819A	N/A -
10	16 x 100	Red	PET	367896A	N/A -	-	-

SST II tubes with coagulation activator and plasma separator

Vol. (ml)	Dim. (mm)	Cap colour	Material	Label Paper	€ 100 units	Transparent label	€ 100 units
2.5	13 x 75	Gold	PET	366882A	N/A -	-	-
3.5	13 x 75	Gold	PET	367957	N/A -	368498A	N/A -
3.5	13 x 75	Red	PET	366880A	N/A -	-	-
3.5	13 x 75	Rust	PET	368965A	N/A -	-	-
3.5	13 x 75	Translucent white	PET	368967A	N/A -	-	-
5	13 x 100	Gold	PET	367955A	N/A -	366566A	N/A -
5	13 x 75	Red	PET	366881A	N/A -	-	-
5	13 x 100	Rust	PET	368968A	N/A -	-	-
5	13 x 100	Translucent white	PET	368970A	N/A -	-	-
8.5	16 x 100	Gold	PET	367953	N/A -	366644	N/A -
8.5	16 x 100	Red	PET	366468A	N/A -	-	-

Heparin tubes for plasma analysis

Vol. (ml)	Dim. (mm)	Colour cap	Material	Paper label	€ 100 units	Transparent label	€ 100 units
Lithium Heparin - LH							
2	13 x 75	Translucent green	PET	368494A	N/A -	368272A	N/A -
4	13 x 75	Green	PET	368884A	N/A -	368496A	N/A -
6	13 x 100	Green	PET	368886A	N/A -	368889A	N/A -
10	16 x 100	Green	PET	367526A	N/A -	-	-
Lithium heparin LH and plasma separator							
3	13 x 75	Light green	PET	367374	N/A -	368497A	N/A -
4.5	13 x 100	Light green	PET	367376A	N/A -	366567A	N/A -
8	16 x 100	Light green	PET	367378A	N/A -	-	-
Sodium heparin - NH							
4	13 x 75	Green	PET	367869A	N/A -	-	-
6	13 x 100	Green	PET	367876A	N/A -	-	-

Tubes for trace element determination

Vol. (ml)	Dim. (mm)	Colour cap	Material	Additive	Label Paper	€ 100 units
6	13 x 100	Navy blue	PET	CAT (silica)	368380A	N/A -
6	13 x 100	Navy blue	PET	K2 EDTA	368381A	N/A -



Enter the reference on dulis.nl to find the Vacutainer tube selection guide

Tubes for glucose and lactate determination

Vol. (ml)	Dim. (mm)	Colour cap	Material	Label Paper	€ 100 units	Transparent label	€ 100 units
Fluoride/oxalate tubes							
2	13 x 75	Grey	PET	368920A	N/A -	-	-
4	13 x 75	Grey	PET	368921A	N/A -	-	-
6	13 x 100	Grey	PET	368201A	N/A -	-	-
Fluoride/EDTA tubes							
2	13 x 75	Grey	PET	368520A	N/A -	367933A	N/A -
4	13 x 75	Grey	PET	368521A	N/A -	-	-

Vacutainer tubes for coagulation tests - 9NC sodium citrate / CTAD

Vol. (ml)	Dim. (mm)	Colour cap	Material	Additive	Label Paper	€ 100 units	Transparent label	€ 100 units
4.5	13 x 75	Light blue	Glass	0.105 M	367714A	N/A -	-	-
1.8	13 x 75	Translucent blue	PET	9NC - 0.109 M	-	-	368273A	N/A -
2.7	13 x 75	Light blue	PET	9NC - 0.109 M	363048	N/A -	364305A	N/A -
2.7	13 x 75	Light blue	Glass	CTAD 0.109 M	-	-	-	-
4.5	13 x 75	Light blue	Glass	CTAD 0.109 M	-	-	-	-
1.8	13 x 75	Translucent blue	PET	9NC - 0.129 M	363097A	N/A -	-	-
2.7	13 x 75	Light blue	PET	9NC - 0.129 M	363079A	N/A -	-	-
4.5	13 x 75	Light blue	Glass	0.129 M	367704A	N/A -	366646A	N/A -

Tubes for haematology

Vol. (ml)	Dim. (mm)	Colour cap	Material	Label Paper	€ 100 units	Transparent label	€ 100 units
K2 EDTA tubes							
2	13 x 75	Translucent violet	PET	368841A	N/A -	368274A	N/A -
3	13 x 75	Translucent violet	PET	368856A	N/A -	368499A	N/A -
4	13 x 75	Violet	PET	368861A	N/A -	367862	N/A -
4	13 x 75	Pink	PET	366164A	N/A -	-	-
6	13 x 100	Violet	PET	367864A	N/A -	365900A	N/A -
10	16 x 100	Violet	PET	367525A	N/A -	-	-
K3 EDTA tubes							
2	13 x 75	Translucent violet	PET	367836A	N/A -	367858	N/A -
3	13 x 75	Translucent violet	PET	368857A	N/A -	-	-
4	13 x 75	Violet	PET	368860A	N/A -	368270A	N/A -
5	13 x 75	Pink*	Glass	361017A	N/A -	-	-

* aprotinin/EDTA K3 tubes

4NC sodium citrate tubes - sedimentation

Vol. (ml)	Dim. (mm)	Colour cap	Material	Additive	Label Paper	€ 100 units
5	10.25 x 120	Black	Glass	0.105 M	366674A	N/A -
1.6	13 x 75	Black	Glass	0.129 M	367740A	N/A -

Blood grouping tubes - ACD solution

Vol. (ml)	Dim. (mm)	Colour cap	Material	Additive	Label Paper	€ 100 units
6	13 x 100	Light yellow	Glass	ACD - B solution	367756A	N/A -
8.5	13 x 100	Light yellow	Glass	ACD - A solution	366645A	N/A -

BD Vacutainer - Vacuum sampling systems (continued)

Blood collection tubes

PAXgene tubes

Vol. (ml)	Dim. (mm)	Colour cap	Material	Label Paper	€ 100 units
PAXgene tubes for RNA stabilisation					
2.5	16 x 100	Translucent white	PET	762165	N/A -
PAXgene tubes for intracellular DNA stabilisation					
2.5	13 x 75	Translucent white	PET	761165	N/A -

Tubes for HIV and HCV viral loads

Vol. (ml)	Dim. (mm)	Colour cap	Material	Additive	Label Paper	€ 100 units
5	13 x 100	Pearly white	PET	K2 EDTA + plasma separating gel	362795	N/A -
8.5	16 x 100	Pearly white	PET	K2 EDTA + plasma separating gel	362799	N/A -

CPT tubes for collection, separation and storage of mononuclear cells

Categories	Vol. (ml)	Dim. (mm)	Colour cap	Material	Additive	Label Paper	€ 60 units
➤Glass tubes with separating gel and Ficoll Hypaque solution ➤Conventional cap	8	16 x 125	Red and green	Glass	Sodium heparin	362780	N/A -
	4	13 x 100	Blue and black	Glass	Sodium citrate 0.100M	362781	N/A -
	8	16 x 125	Blue and black	Glass	Sodium citrate 0.100M	362782	N/A -

Blood collection tubes: Microtainer tubes - capillary collection

➤**With Microgard safety cap**

➤**External dimensions: 10 x 45 mm**

Cat. No.	Description	Volume (µl)	Colour	Units/ box	€/ box
365964A	Dry tube	250 - 500	Red	50	N/A -
365968A	SST silica and gel	400 - 600	Gold	50	N/A -
365979A	SST silica and gel, amber tube	400 - 600	Gold	50	N/A -
365986A	Lithium heparin and gel	400 - 600	Light green	50	N/A -
365988A	Lithium heparin and gel, amber tube	400 - 600	Light green	50	N/A -
365966A	Lithium heparin	200 - 400	Green	50	N/A -



Extender for Microtainers

Cat. No.	Description	Units/ box	€/ box
368933A	Diameter Extender 10 mm	50	N/A -

Vacuum blood collection needles

BD Eclipse and Eclipse Signal needles

Category	Description	Gauge	Colour	Needles only	Needles with pre-mounted sampling body
Eclipse	➤Length 32 mm	21	Green	368609A	368650
		22	Black	368610A	368651
Units/box				48	100
€/box				N/A -	N/A -
Eclipse Signal	➤Length 32 mm ➤Extra thin wall and venous return indicator	21	Green	368837A	368835A
		22	Black	368838A	368836A
Units/box				50	50
€/box				N/A -	N/A -



Eclipse only

Eclipse + sample body

Vacutainer Push Button: blood collection and short term infusion

Description	Gauge	Colour	UltraTouch needle + luer adapter	Needle + luer adapter	Needle + luer adapter and pre-mounted body	Without Adapter
➤Safety winged needles, with automatic retraction ➤Needles with adapter: 178 mm nozzle ➤Needles without adapter: 305 mm nozzle ➤Needle length: 19 mm ➤UltraTouch needle: Pentapoint bevel, ultra thin wall	21	Green	367393A	367338	367355	367326A
	23	Light blue	367392A	367336	367354	367324A
	25	Blue king	367391A	367335	-	367323A
Units/box			50	50	100	50
€/box			N/A -	N/A -	N/A -	N/A -



Push button + body

All prices are indicative and exclude VAT. Visit www.dulis.nl

BD Vacutainer - Vacuum sampling systems (continued)

BD Safety-Lok needles with safety re-shielding cover



Conventional BD vacutainer needles

Description	Gauge	Colour	Luer adapter	Luer adapter + sample body	Without Adapter
➤19 mm needles ➤Needles with adapters: 178 mm tubing ➤Needles without adapters: 305 mm tubing	21	Green	367282A	368654	367246A
	23	Light blue	367284A	368655A	-
	25	Royal Blue	367295A	-	368383A
Units/box			50	25	50
€/box			**N/A -**	**N/A -**	**N/A -**

Conventional BD Vacutainer needles

Description	Gauge	Colour	Length	Cat. No.
➤For multiple samples	21	Green	25	360212A
	21	Green	38	360213A
	22	Black	25	360210A
	22	Black	38	360211A
			Units/box	100
			€/box	**N/A -**

BD vacutainer sampling body

➤**Dimensions: 18 x 48 mm**

➤**For tube Ø: 13 and 16 mm**

Cat. No.	Description	Colour	Units/ box	€/ box
364815A	Single use	Translucent white	250	N/A -
364879A	Reusable	Translucent yellow	250	N/A -
368872	Reusable	Assorted colours	20	N/A -

BD Vacutainer adapters

➤**Sterile, single use**

Cat. No.	Description	Units/ box	€/ box
367300A	Male luer	100	N/A -
364810B	Luer female pre-mounted body	198	N/A -

BD vacutainer systems for urine collection, transport and storage

Additive-free tubes

Cat. No.	Ring colour	Dimensions (mm)	Volume (ml)	Material	Units/ box	€/ box
364915	Beige	16 x 100	11	PET	100	N/A -
365000A	Beige	16 x 100	9.5	PET	100	N/A -

Collection cups with transfer cannula integrated into the lid

Cat. No.	Description	Units/ box	€/ box
364941	Translucent PET sterile 120 ml cup, graduated	200	N/A -
364940	Urine transfer cannula	100	N/A -

C&S tubes with boric acid, sodium formate, sodium borate

➤**For stabilisation of bacterial growth for 48 h at room temperature**

Cat. No.	Ring colour	Dimensions (mm)	Volume (ml)	Material	Units/ box	€/ box
364955**	Khaki green	16 x 100	10	PET	100	N/A -

** conventional cap

Droplet racks and trolleys for sampling



Droplet handle transport baskets

➤**In ABS**

➤**Rotating handle and drawer**

➤**Dimensions: 429 x 265 x 172 mm**

➤**Height with handle: 280 mm**

➤**Supplied with two PS trays and holder for 36 tubes**

Cat. No.	Version	With rack for tubes Ø (mm)	€
037945	A	13	N/A -
037946	B	16	N/A -

Replacement trays for Droplet transport basket

➤**In polystyrene** ➤**Dimensions: 360 x 210 mm**

Cat. No.	Version	With rack for tubes Ø (mm)	Units/ box	€/ box
037947	A	13	4	N/A -
037948	B	16	4	N/A -

Lockable polystyrene lid for Droplet rack

Cat. No.	Description	€
320167	Droplet lid	N/A -



352067



352068



The Droplet transport basket is compatible with the OneRack: see page 694

Stainless steel and aluminum carts

➤**Feet with 5 castors, handle**

➤**Anti-bacterial paints**

➤**Height adjustable from 76 to 140 cm**

The Deluxe model includes:
- 1 white autoclavable tray 406 x 254 x 152 mm
- 1 blue autoclavable tray 254 x 178 x 152 mm
- 1 waste bin with lid 1.65 l

Cat. No.	Model	€
352068	Deluxe	N/A -
352067	Standard	N/A -

Biopsy punch

Single use punch.

- **Sterile and ready to use**
- **Seamless stainless steel cutting edge**
- **Wide range of sizes**
- **Grooved handle for a more precise grip**
- **Size engraved on each punch for easy identification**

	Standard model		Model with ejector piston		
Dim. (mm)	**Cat. No.**	**€**	**Cat. No.**	**Units/ box**	**€/ box**
1	**030731**	**N/A -**	**-**	-	**-**
1.5	**030732**	**N/A -**	**-**	-	**-**
2	**030733**	**N/A -**	**-**	-	**-**
2.5	**030734**	**N/A -**	**-**	-	**-**
3	**030735**	**N/A -**	**530072**	20	**N/A -**
3.5	**030736**	**N/A -**	**-**	-	**-**
4	**030737**	**N/A -**	**-**	-	**-**
5	**030738**	**N/A -**	**-**	-	**-**
6	**030739**	**N/A -**	**-**	-	**-**
8	**030740**	**N/A -**	**-**	-	**-**





Model with ejector piston

Cell counter vials for Coulter

Polystyrene cell counter vials for Coulter.

- **ø x height: 30 x 56 mm**
- **Volume: 25 ml**
- **Sold with mounted caps**

Cat. No.	Description	€ 1000 units
030034	Cell counter vial with lid	**N/A -**
030034NM	Cell counter vial without lid	**N/A -**
030034B	Lid for Cell counter vial	**N/A -**



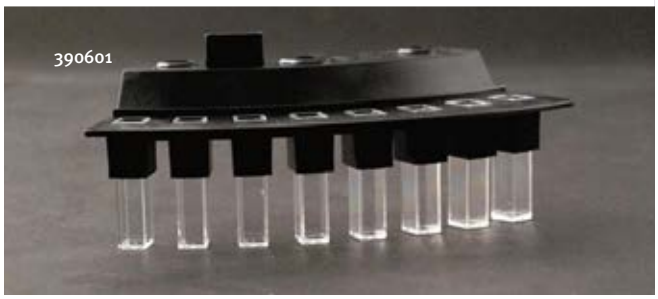
Tank segments



Cat. No.	Description	Units/ box	€/ box
391528	Rack with 15 segments of 12 cuvettes for Cobas Mira®	30	**N/A -**
391529	Segments of 12 cuvettes for Cobas Mira®	450	**N/A -**

Cuvette for Hitachi

Cat. No.	Cuvette type	Units/ box	€/ box
390591	PS for Hitachi 3 ml	6000	**N/A -**
390621	Pediatricfor Hitachi Elecsys Cobas and Integra	5000	**N/A -**
390599	Bionex for Hitachi 902	24	**N/A -**
390600	PMMA for Hitachi 717	24	**N/A -**
390601	PMMA for Hitachi 911	24	**N/A -**
390602	Bionex for Hitachi 911/912	24	**N/A -**
390606	Bionex on rack	200	**N/A -**



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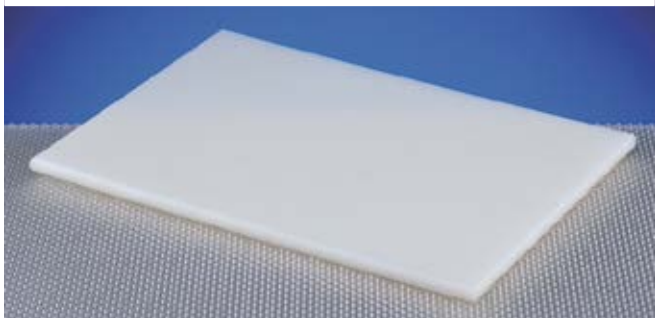
Dissection tray



- Non-deformable and shock resistant
- Equipped with a clear, rot-proof removable bottom
- Easy to clean

Cat. No.	Description	Dimensions L x W x H (mm)	€
232000	Bottom	290 x 190	N/A -

Dissection board



Polypropylene dissection board.
Dimensions: 300 x 210 x 9 mm.

Cat. No.	Description	€
030927	Dissection board	N/A -

Dissection tray

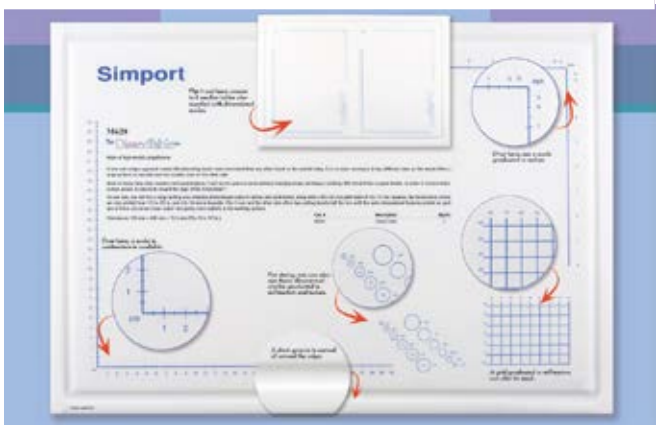


Dissection tray to be placed on a holding base.

Basic features

- With tank for cleaning fluids
- In HIPS (High Impact Polystyrene)
- Dimensions: 481 x 656 x 91 mm

Cat. No.	Description	€
040259	Base for Dissection tray	N/A -
040263	Dissection tray	N/A -



Stage features

- To be placed on the base for better stability
- Studied tray with drainage channels
- Graduations in cm and inches
- Graduated grid in mm Biopsy specimen measuring circles with diameter in mm or inches
- High density polyethylene
- Dim.: 575 x 400 x 12.5 mm

Dissection kit

Set of stainless steel dissection instruments (CE mark) contained in a zippered case with velvet interior.



Content	Number of units				
	A	B	C	D	E
Rounded pointed scissors 14 cm	1	1	1	1	-
Thin pointed scissors 11 cm	1	1	1	1	-
Straight surgical scissors 16 cm	-	-	-	-	1
Straight tweezers, rounded ends 14 cm	1	1	1	1	-
Straight tweezers 15.5 cm	-	-	-	-	1
Fine tweezers, pointed, 11 cm	1	1	1	1	-
2 claws tweezers	-	1	-	-	1
Mayo-Hegel needle holder 16 cm	-	-	-	-	1
Dumont" tweezers n°5 11 cm	-	1	-	1	-
Scalpel handle n° 3	-	-	-	-	1
Scalpel handle n°4	1	1	-	-	1
Scalpel blade n°21	5	5	-	-	
Scalpel blade for handle n° 3	-	-	-	-	1
Scalpel blade for handlen° 4	-	-	-	-	1
Scalpel with fixed blade 40 mm	-	-	1	1	-
Scalpel with fixed blade 50 mm	-	-	-	1	-
Adson forceps 12 cm	-	-	-	-	1
Razor for histology with metal handle	-	-	-	1	-
Pointed needle (metal handle)	2	2	1	1	-
Lancet needle (metal handle)	-	-	1	1	-
Curved dissecting needle	-	-	-	-	1
Right dissecting needle	-	-	-	-	1
Grooved probe	-	1	1	-	1
Button probe	-	1	-	-	-
Straight Clamp 14 cm	-	-	-	-	1
Dropper	-	-	-	-	1
Stainless Steel Ruler	-	-	-	-	1
Hooks with chain	-	-	-	-	1
Case Cat. No.	005100	005101	005102	005103	W504167
€ the case	N/A -	N/A -	N/A -	N/A -	N/A -

Single-use scalpels and blades



Sterile surgical blades

These surgical blades are packaged in boxes of 100, with each blade individually foil wrapped.

- **Sterilised with gamma rays at 2.5 megarads**
- **Individual packaging**
- **Carbon steel**
- **CE marking**

Cat. No.	Blade No.	Units/ box	€/ box
132510	10	100	N/A -
132511	11	100	N/A -
132512	12	100	N/A -
132515	15	100	N/A -
132518	18	100	N/A -
132520	20	100	N/A -
132521	21	100	N/A -
132522	22	100	N/A -
132523	23	100	N/A -
132524	24	100	N/A -

Metal handles for blades

Cat. No.	For	€
3740003	Blade 10 to 18	N/A -
3740004	Blade 20 to 25	N/A -



Sterile scalpels (bistouris)

Single-use scalpels in individual sterile peelable packaging. Plastic handle.

Cat. No.	Blade No.	Units/ box	€/ box
132610	10	10	N/A -
132611	11	10	N/A -
132612	12	10	N/A -
132615	15	10	N/A -
132618	18	10	N/A -
132620	20	10	N/A -
132621	21	10	N/A -
132622	22	10	N/A -
132623	23	10	N/A -
132624	24	10	N/A -

Non-sterile scalpels

Non-sterile scalpels, in bags of 50.

Cat. No.	Blade No.	Units/ box	€/ box
132622V	22	50	N/A -
132623V	23	50	N/A -

Fixed blade scalpels

- **Wooden or stainless steel handle**
- **Reusable**
- **Fixed blade**
- **Total length: 150 mm**

Cat. No.	Description	€
076460	Scalpel with wooden handle	N/A -
076461	Scalpel with stainless steel handle	N/A -



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Swann-Morton blades for narrow or wide handles

Blades for narrow tip handle N°3



Blades for wide tip handle N°4



- **Sterile or non-sterile carbon steel blades**
- **Non-sterile version packed by 5**
- **Sterile version individually wrapped in foil, printed with the shape and Cat. No. on the bag**

	Sterile blades	Non-sterile blades
Blade N°	**Cat. No.**	**Cat. No.**
6	**132506W**	**132546SW**
9	**132509W**	**132547SW**
10	**132510SW**	**132548SW**
10A	**132510ASW**	**132549SW**
11	**132511SW**	**132550SW**
11P	**132511PSW**	**132551SW**
12	**132512SW**	**132552SW**
12D	**132512DSW**	**132553SW**
13	**132513SW**	-
14	**132514SW**	**132554SW**
15	**132515SW**	**132555SW**
15A	**132515ASW**	**132556SW**
15C	**132515CSW**	**132557SW**
15T	**132515TSW**	**132558SW**
16	**132516SW**	**132559SW**
18	**132518SW**	**132560SW**
19	**132519SW**	**132561SW**
20	**132520SW**	**132562SW**
21	**132521SW**	**132563SW**
22	**132522SW**	**132564SW**
22A	**132522ASW**	**132565SW**
23	**132523SW**	**132566SW**
24	**132524SW**	**132567SW**
25	**132525SW**	**132568SW**
25A	**132525ASW**	**132569SW**
26	**132526SW**	**132570SW**
27	**132527SW**	**132571SW**
36	**132536SW**	-
40	**132540SW**	-
Units/box	100	100
€/box	**N/A -**	**N/A -**

Stainless steel handles for blades

Cat. No.	Description	€
132639	Stainless steel handle n°3 graduated, short	**N/A -**
132641	Stainless steel handle n°3 long	**N/A -**
132645	Stainless steel handle no. 4, graduated, short (13.5 cm)	**N/A -**
132647	Stainless steel handle n°4 long (21.5 cm)	**N/A -**

Accessories

Cat. No.	Description	Units/ box	€/ box
132651	Sterile blade remover	50	**N/A -**
132652	Non-sterile blade remover	100	**N/A -**

132639



132641



132645



132647



Swann-Morton standard non-sterile scalpels

Cat. No.	Blade N°	Units/ box	€/ box
132656	10	100	N/A -
132657	11	100	N/A -
132658	12	100	N/A -
132659	15	100	N/A -
132660	20	100	N/A -
132661	21	100	N/A -
132662	22	100	N/A -
132653	23	100	N/A -
132663	24	100	N/A -



- Stainless steel blade
- Blue plastic handle with a scale on one side
- Blade welded with an open fastener
- Blade guard

Standard and Minor Swann-Morton scalpels

Sterile standard scalpels and non-sterile Minor scalpels.

Standard scalpel features

- Stainless steel blades
- Blue plastic sleeves
- Blades fixed by electronic welding
- Individually packaged on a transparent film-covered presentation tray
- Held in place by a fastening pin to prevent the packaging from being punctured

Minor scalpels Features

- Short white plastic handle
- Blade protected by a polyethylene cap
- Non-sterile



Standard sterile scalpels with blades n° 6 to n° 15

Cat. No.	Blade N°	Units/ box	€/ box
132606SW	6	10	N/A -
132609SW	9	10	N/A -
132610SW	10	10	N/A -
132610ASW	10A	10	N/A -
132611SW	11	10	N/A -
132611PSW	11P	10	N/A -
132612SW	12	10	N/A -
132612DSW	12D	10	N/A -
132614SW	14	10	N/A -
132615SW	15	10	N/A -
132615ASW	15A	10	N/A -
132615CSW	15C	10	N/A -
132615TSW	15T	10	N/A -

Standard sterile scalpels with blades n° 16 to n° 27

Cat. No.	Blade N°	Units/ box	€/ box
132616SW	16	10	N/A -
132618SW	18	10	N/A -
132619SW	19	10	N/A -
132620SW	20	10	N/A -
132621SW	21	10	N/A -
132622SW	22	10	N/A -
132622ASW	22A	10	N/A -
132623SW	23	10	N/A -
132624SW	24	10	N/A -
132625SW	25	10	N/A -
132625ASW	25A	10	N/A -
132626SW	26	10	N/A -
132627SW	27	10	N/A -

Minor Scalpels

Cat. No.	Blade N°	Units/ box	€/ box
132631SW	10	10	N/A -
132632SW	10A	10	N/A -
132633SW	11P	10	N/A -
132634SW	15	10	N/A -
132635SW	15A	10	N/A -

Swann-Morton Safety Scalpels

Sterile safety scalpels with retractable blade.

- Push-button blade operation
- Anti-slip grooves to secure the grip with a gloved hand
- After use, an audible "click" confirms the retracted position of the blade
- Three sizes of blades differentiated by the colour of the push button, n° 10: black, n° 11: blue, n° 15: green
- Stainless steel blade
- Handle length, retracted blade: 11 cm



Cat. No.	Description	Units/ box	€/ box
132628SW	Sterile safety scalpel with blade n° 10	25	N/A -
132629SW	Sterile safety scalpel with blade n° 11	25	N/A -
132630SW	Sterile safety scalpel with blade n° 15	25	N/A -

Swann-Morton PM40 Autopsy Blades and Handle

Autopsy blades, pointed or rounded, non-sterile.

- Made of carbon steel
- Individually wrapped in anti-corrosion paper
- PM40 stainless steel handle
- Blades fixed to the handle by a screw in the upper part

Cat. No.	Description	Units/ box	€/ box
132572SW	PM40 Autopsy Blade, pointed tip	10	N/A -
132573SW	PM40 Autopsy Blade, round tip	10	N/A -
132574SW	PM40 Steel Autopsy Blade	1	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Feather® Mini Scalpels



Mini scalpel with 18 cm handle, ideal for operations in a narrow operating field.

- **Stainless steel blade**
- **Gamma sterilised**
- **ABS plastic handle**

Cat.No.	Type	Units/ box	€/ box
530045	N° 11	20	N/A -
530046	N° 14	20	N/A -
530047	N° 15	20	N/A -

Feather® Long Scalpels



Scalpels with a plastic handle twice as long (23 cm) as a standard model: more suitable for deep operations.

- **Stainless steel blade**
- **Gamma sterilised**
- **ABS plastic handle**

Cat.No.	Type	Units/ box	€/ box
530037	N° 10	20	N/A -
530038	N° 11	20	N/A -
530040	N° 15	20	N/A -
530041	N° 20	20	N/A -
530042	N° 21	20	N/A -
530043	N° 22	20	N/A -
530044	N° 23	20	N/A -

Feather® Safety Scalpels



- **One-handed protection, maximum user safety**
- **One-handed opening and closing of the blade guard**
- **Exceptional durability**
- **Individual sterile (gamma) packaging**
- **Stainless steel blade, ABS plastic handle**

Cat.No.	Type	Units/ box	€/ box
530049	N° 10	10	N/A -
530050	N° 11	10	N/A -
530051	N° 14	10	N/A -
530052	N° 15	10	N/A -
530053	N° 15C	10	N/A -
530054	N° 20	10	N/A -
530055	N° 21	10	N/A -
530056	N° 22	10	N/A -
530057	N° 23	10	N/A -
530058	N° 24	10	N/A -
530059	N° 25	10	N/A -

Feather® Standard scalpels



Standard single-use scalpels with stainless steel blade.

- **Micrometer-optimized precision grinding**
- **High quality stainless steel blade, perfectly sharpened, with excellent durability**
- **ABS plastic handle**
- **Gamma sterilised**

Cat.No.	Type	Units/ box	€/ box
530024	N° 10	20	N/A -
530025	N° 11	20	N/A -
530026	N° 12	20	N/A -
530027	N° 12 D	20	N/A -
530028	N° 14	20	N/A -
530029	N° 15	20	N/A -
530030	N° 15 C	20	N/A -
530031	N° 20	20	N/A -
530032	N° 21	20	N/A -
530033	N° 22	20	N/A -
530034	N° 23	20	N/A -
530035	N° 24	20	N/A -
530036	N° 25	20	N/A -

Feather® Handles



Feather® handles suitable for both carbon and stainless steel blades.

Cat.No.	Model	Version	Size	Material	€
530060	Standard	10 - 15	3	Stainless steel	N/A -
530061	Standard	20 - 25	4	Stainless steel	N/A -
530062	Standard	10 - 15	7	Stainless steel	N/A -
530063	Long	10 - 15	3L	Stainless steel	N/A -
530064	Long	20 - 25	4L	Stainless steel	N/A -
530065	Standard	10 - 15	3DLC	Diamond-like carbon coating	N/A -
530067	Standard	10 - 15	7DLC	Diamond-like carbon coating	N/A -

Feather® Blades



Feather® carbon steel blades with rustproof coating for all surgical applications.

- **Gamma sterilised**

Cat.No.	Type	Units/ box	€/ box
530015	N° 10	100	N/A -
530016	N° 11	100	N/A -
530017	N° 12	100	N/A -
530018	N° 15	100	N/A -
530019	N° 20	100	N/A -
530020	N° 21	100	N/A -
530021	N° 22	100	N/A -
530022	N° 23	100	N/A -
530023	N° 24	100	N/A -

Sterile lancets for blood sampling

- **Stainless steel**
- **Fine tip for painless penetration**
- **For capillary blood sampling**
- **Sterile, single use**
- **Individual packaging**



Cat. No.	Description	Units/ box	€/ box
141095	Sterile lancets for blood sampling	200	N/A -

SmartSlicer safety razor blades



- **As thin as a razor blade (0.27 mm)**
- **Ideal for clean cutting of gels without damaging the transilluminator holder**
- **Suitable for cutting soft tissue**
- **PET Suitable for food contact**

Cat. No.	Dimensions (mm)	Units/ box	€/ box
320529	19 x 38 x 0.27	100	N/A -
320530	25 x 50 x 0.27	100	N/A -

Feather® Surgical blades



Easy to use: the blades are ready to use immediately after removal from the packaging.

- **Heat treated stainless steel surgical blades**
- **Micrometer-optimized precision grinding**
- **Perfectly sharpened blades provide excellent durability**
- **Gamma sterilised**

Cat.No.	Type	Units/ box	€/ box
530002	N° 10	100	N/A -
530003	N° 11	100	N/A -
530004	N° 12	100	N/A -
530005	N° 12D	100	N/A -
530006	N° 14	100	N/A -
530007	N° 15	100	N/A -
530008	N° 15C	100	N/A -
530009	N° 20	100	N/A -
530010	N° 21	100	N/A -
530011	N° 22	100	N/A -
530012	N° 23	100	N/A -
530013	N° 24	100	N/A -
530014	N° 25	100	N/A -

Feather 81-S razor blades

- **Steel**
- **Individually packaged**
- **Supplied in packs of 10**

Cat. No.	Description	€ 10 units
711164B	Feather 81-So Blade	N/A -

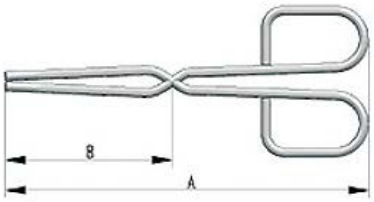


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Straight Tongs



A x B (mm)	Nickel tongs Cat. No.	€	Stainless steel tongs Cat. No.	€	PTFE coated stainless steel tongs Cat. No.	€	Light steel tongs Cat. No.	€
150 x 72	442212	N/A -	442214	N/A -	442215	N/A -	-	-
200 x 95	442213	N/A -	-	-	-	-	-	-
210 x 105	-	-	442216	N/A -	442233	N/A -	-	-
320 x 130	-	-	442234	N/A -	-	-	-	-
508 x 130	-	-	442235	N/A -	-	-	-	-
160 x 75	-	-	-	-	-	-	442236	N/A -
210 x 110	-	-	-	-	-	-	442237	N/A -
410 x 130	-	-	-	-	-	-	442238	N/A -

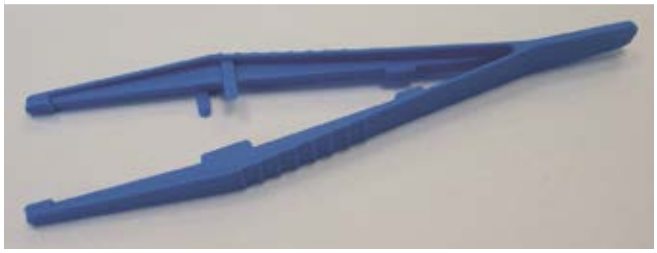


Stainless steel Tongs for Flasks and Beakers



Cat. No.	Description	€
442252	Tongs for flask, length: 235 mm	N/A -
442253	Tongs for beaker, length: 356 mm	N/A -

Glass fibre reinforced polypropylene tongs



- Made of glass fibre reinforced polypropylene
- Length: 125 mm
- Sterilisable with ethylene oxide or autoclavable

Cat. No.	Description	Units/ box	€/ box
020416	Forceps reinforced with fibreglass	100	N/A -

Sterile sampling tongs



- With an embossed inner surface for a better grip on objects
- Sterile, single pack

Cat. No.	Description	Units/ box	€/ box
085931	Sampling forceps, length 108 mm	25	N/A -

POM forceps

Polyoxymethylene (POM) forceps, in yellow.

- **Reusable and autoclavable**
- **Rounded, flexible ends**

Cat. No.	Length (mm)	Units/ box	€/ box
391067	117	5	N/A -
391068	148	5	N/A -
391069	253	5	N/A -



Polystyrene forceps

Blue polystyrene forceps, non-sterile or sterile in individual blister packs.

- **Flexible and lightweight**
- **Serrated ends**
- **Length 125 mm or 105 mm**

Cat. No.	Description	Pack. unit	Units/ box	€/ box
956507	Non-sterile forceps 125 mm	1500	1500	N/A -
956506	Sterile forceps 125 mm, blister pack	1	100	N/A -
956509	Sterile forceps 125 mm, blister pack, CE certified	1	100	N/A -
064003	Non-sterile forceps 105 mm	100	100	N/A -
064004	Sterile forceps 105 mm, blister pack	1	100	N/A -

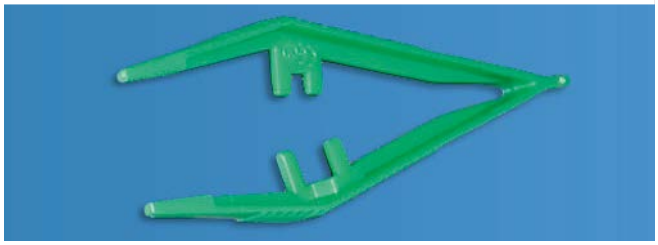


Sterile forceps

Single-use plastic forceps.

- **Made of polypropylene and fibreglass**
- **Sterilised with ethylene oxide**
- **Individually peelable packaging**

Cat. No.	Material	Type	Length (mm)	Units/ box	€/ box
030771	Reinforced plastic	Pointed ends	110	100	N/A -



Single-use forceps

Autoclavable

- In dark blue, the forceps with internal guide, pointed ends.

Cat. No.	Description	Units/ box	€/ box
037876	Dark blue Forceps 111 mm	6	N/A -



Polymeric alloy tweezers

- **Silicone and amine free**
- **Resistant to Acids**
- **Non-magnetic**
- **Antibacterial**
- **Resistant up to +175 °C**

Cat. No.	L x W (mm)	Width Tip (mm)	Thickness Tip (mm)	€
327007	121.5 x 9.5	0.6 ± 0.1	0.4 ± 0.1	N/A -
327008	119.7 x 9.1	1.9 ± 0.1	0.3 ± 0.1	N/A -



327007



327008

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Tweezer with ultra-precise tips



- Surgical steel
- Fine, rounded and slanted tips
- Surface treatment: sanded
- Resistant up to +250 °C

Cat. No.	L x W (mm)	L. tip (mm)	Tip thickness (mm)	Resistance to acids	Type	€
327004	114.4 x 10.1	0.3 ± 0.1	0.2 ± 0.1	No	-	N/A -
327005	109.3 x 9.5	0.3 ± 0.1	0.2 ± 0.1	Yes	Stainless steel anti-magnetic	N/A -
327006	111.5 x 10	0.3 ± 0.1	0.2 ± 0.1	Yes	-	N/A -

Stainless steel forceps with pointed or rounded ends





Pointed ends

	Standard		PTFE Coatings		Smooth jaws pTFE coated	
Guide spindle	Yes		Yes		No	
Length (mm)	Cat. No.	€	Cat. No.	€	Cat. No.	€
115	442113	N/A -	442116	N/A -	442258	N/A -
130	442114	N/A -	442117	N/A -	442259	N/A -
160	442115	N/A -	442254	N/A -	442260	N/A -

Rounded ends

	Standard		PTFE Coatings		Smooth jaws pTFE coated	
Guide spindle	Yes		Yes		No	
Length (mm)	Cat. No.	€	Cat. No.	€	Cat. No.	€
115	442255	N/A -	442123	N/A -	442261	N/A -
130	442256	N/A -	442124	N/A -	442262	N/A -
160	442121	N/A -	442257	N/A -	442263	N/A -
300	442122	N/A -	-	-	-	-

Fine tweezers



Dumont" type tweezers, pointed and thin. Stainless steel
CE marking.

Cat. No.	Description	Tip ø (mm)	Length (cm)	€
005091	Straight tweezers type n°3	0.65	12	N/A -
005092	Straight tweezers type n°5	0.55	11	N/A -
005093	Curved tweezers type n°7	0.40	11	N/A -
005094	Feilchenfeld tweezers	0.85	11	N/A -

Dissecting tweezers



Cat. No.	Use	Length (cm)	Shape	€
711197	Splinter tweezers	10	Pointed	N/A -
711198	Dissecting tweezers	10	Fine, Curved	N/A -
711199	Dissecting tweezers	11.50	Fine, straight	N/A -
711200	Pince brucelles	13	Curved	N/A -
711201	Dissecting tweezers	14	Fine, straight	N/A -
711202	Dissecting tweezers	11.50	Large, straight	N/A -
711203	Dissecting tweezers	14.50	Large, straight	N/A -

Wironit 18/12 stainless steel tweezers

Wironit is an 18/12 stainless steel with 18% chromium and 10-12% nickel, making it even more resistant to corrosion.





Type		Llength (mm)	Cat. No.	€
Dissection	Pointed	120	**491030**	**N/A -**
	Pointed	160	**491031**	**N/A -**
Preparation	Rounded	100	**491032**	**N/A -**
	Pointed	100	**491033**	**N/A -**
Tweezers	Curved	105	**491034**	**N/A -**
	Curved	115	**491035**	**N/A -**
	Curved	130	**491036**	**N/A -**
	Straight	120	**491039**	**N/A -**
	Straight	130	**491037**	**N/A -**
	Straight	140	**491040**	**N/A -**
	Rounded	115	**491038**	**N/A -**
Dumont	n° 4	105	**491041**	**N/A -**
	Angular	105	**491042**	**N/A -**
	Curved	105	**491043**	**N/A -**
	n° 7	105	**491044**	**N/A -**
Welding	Straight	160	**491045**	**N/A -**
For coverslips	-	105	**491046**	**N/A -**
	Curved	160	**491047**	**N/A -**
	Straight	160	**491048**	**N/A -**









Dissecting tweezers



Excellent strength, stainless steel. CE marking.

Cat. No.	Shape	Ends	Length (cm)	€
005072	Straight	Rounded	10	**N/A -**
005073	Straight	Rounded	12	**N/A -**
005074	Straight	Rounded	14	**N/A -**
005075	Straight	Rounded	16	**N/A -**
005076	Straight	Rounded	20	**N/A -**
005077	Straight	Rounded	25	**N/A -**
005078	Curved	Rounded	12	**N/A -**
005079	Curved	Rounded	14	**N/A -**
005080	Curved	Rounded	16	**N/A -**
005082	Straight	Pointed	10	**N/A -**
005083	Straight	Pointed	13	**N/A -**
005084	Straight	Pointed	14	**N/A -**
005085	Straight	Pointed	16	**N/A -**
005086	Curved	Pointed	11	**N/A -**
005087	Curved	Pointed	14	**N/A -**
005088	Curved	Pointed	16	**N/A -**

Precision tweezers



Tweezers with pointed, tapered tips for precision work, without grooves.
In non-magnetic 18/8 stainless steel or Teflon-coated steel.
Not acetone resistant.

Cat. No.	Material	Tip	Length (mm)	€
076130	Stainless steel	Pointed straight	105	**N/A -**
076131	Stainless steel	Pointed curved	105	**N/A -**
076132	Teflon steel	Straight pointed	105	**N/A -**
076133	Teflon steel	Curved pointed	105	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

High quality stainless steel tweezers





- **Very high resistance**
- **Anti-magnetic stainless steel**
- **Outstanding finish with polish**
- **Numerous variations: rounded or pointed, straight or curved, with or without guide pin**

	Rounded straight ends		Rounded straight ends Teflon coated		Straight pointed Tips		Curved pointed ends		Straight extra-pointed ends		Straight pointed Tips		Curved pointed ends	
Guide spindle	No		No		No		No		No		Yes		Yes	
Length (mm)	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**
105	**076100**	**N/A -**	-	-	**076108**	**N/A -**	**076114**	**N/A -**	-	-	**076122**	**N/A -**	**076126**	**N/A -**
115	**076101**	**N/A -**	**076522**	**N/A -**	**076109**	**N/A -**	**076115**	**N/A -**	**076120**	**N/A -**	**076123**	**N/A -**	**076127**	**N/A -**
130	**076102**	**N/A -**	**076523**	**N/A -**	**076110**	**N/A -**	**076116**	**N/A -**	**076121**	**N/A -**	**076124**	**N/A -**	**076128**	**N/A -**
145	**076103**	**N/A -**	**076524**	**N/A -**	**076111**	**N/A -**	**076117**	**N/A -**	-	-	**076125**	**N/A -**	**076129**	**N/A -**
160	**076104**	**N/A -**	-	-	**076112**	**N/A -**	**076118**	**N/A -**	-	-	-	-	-	-
200	**076105**	**N/A -**	-	-	**076113**	**N/A -**	**076119**	**N/A -**	-	-	-	-	-	-
250	**076106**	**N/A -**	-	-	-	-	-	-	-	-	-	-	-	-
300	**076107**	**N/A -**	-	-	-	-	-	-	-	-	-	-	-	-

Tweezers for cover slips



18/8 stainless steel or Teflon-coated steel forceps for cover slips.

Cat. No.	Material	Tip	Length (mm)	€
076135	Stainless steel	Straight	105	**N/A -**
076136	Stainless steel	Curved	105	**N/A -**
076137	Teflon steel	Curved	105	**N/A -**

Precision Tweezers



Cat. No.	Description	€
076419	Straight tweezers 120 mm	**N/A -**
076420	Angled Tweezers 120 mm	**N/A -**

Tweezers with teeth

CE marking. Made of stainless steel, these tweezers feature:
- either 1 tooth at one end and 2 teeth at the other;
- or 2 teeth at one end and 3 teeth at the other.



Cat. No.	Description	Length (cm)	€
005089	Tweezers with 3 teeth (1 + 2)	14	N/A -
005090	Tweezers with 5 teeth (2 + 3)	14	N/A -

Forceps for membrane filters

- For handling membrane filters
- Polished stainless steel forceps with flat rounded tips
- Sterilisable in autoclave or by flaming after soaking in alcohol
- Sold in packs of 3: anise green, turquoise blue and fuchsia pink



Cat. No.	Description	€ the pack of 3
051000	Flat-tipped forceps, set of 3 assorted colours	N/A -

Wafer tweezer

Filter tweezer

- Made of surgical steel
- Soft conductive glass fibre tips
- Resistant up to +250 °C
- Smooth surface



Cat. No.	L x W (mm)	Tip Width (mm)	Tip Thickness (mm)	€
327001	136.3 x 10.2	13.2 ± 0.1	0.2 ± 0.1	N/A -
327002	136.6 x 9.8	27.4 ± 0.1	0.3 ± 0.1	N/A -

Coverslip forceps

- Made of surgical steel
- Surface treatment: sanded
- Resistant to Acids
- Stainless steel
- Anti-magnetic



Cat. No.	L x W (mm)	Tip Width (mm)	Tip Thickness (mm)	€
327003	132.2 x 10.4	60.1 ± 0.2	0.4 ± 0.1	N/A -

Tissue tweezers with ring tip



18/8 stainless steel tip. Ring-shaped, for sensitive tissue.

Cat. No.	Ø ring (mm)	Length (mm)	€
764000	6	90	N/A -
764001	3	90	N/A -

Rubber-tipped forceps for glassware



Facilitates gripping of glass capillaries without breakage or contamination.

Cat. No.	Description	€
W77020	Rubber-tipped forceps for glassware	N/A -

Dissecting needles and lancets

Needles and lancets in 18/8 stainless steel with or without cuff. Autoclavable.



	Without handle		With plastic handle		With stainless steel handle	
Length (mm)	100		140		140	
Model	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**
Straight needle	076256	N/A -	076257	N/A -	076258	N/A -
Curved needle	-	-	076259	N/A -	076260	N/A -
Lancet	076261	N/A -	076262	N/A -	076263	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Wironit Stainless steel 18/12 handle, loop and needles



Wironit is an 18/12 stainless steel with 18% chromium and 10-12% nickel, which is even more corrosion resistant and anti-magnetic.

Cat. No.	Description	Pack. unit	€
491026	Handle for loop, L: 170 mm	1	N/A -
491007	Straight needles, L: 50 mm	10	N/A -
491008	Lancet shape needles, L: 50 mm	10	N/A -
491009	Wironit handles, Ø: 2.5 mm, L: 50 mm	10	N/A -

Clamps, needle holders and scissors in titanium or stainless steel



Cat. No.	Scheme	Type	Length (cm)	€
500085	I	N° 5, ultra fine tip - stainless steel - 0.025 x 0.015 mm	-	N/A -
170136	-	Dumont forceps 0.06 x 0.01 mm	-	N/A -
W501923	-	Needle holder	14	N/A -
143620B	L	Vannas, straight - Slides 7.5 mm	8	N/A -
W555641S	-	Vannas, curved - Slides 7.5 mm	8	N/A -

Wooden tube clamps



Wooden clamp with spring for handling hot tubes or for holding a tube in a flame. For all tubes from 13 to 30 mm.

Cat. No.	Description	€
046007	Wooden clamp length 200 mm	N/A -
046008	Wooden clamp length 250 mm	N/A -

Scissor-type clamp



Blue polypropylene clamp.

- **The jaws are grooved for a good grip**
- **The scissor handle has a locking hook**

Cat. No.	Description	Units/ box	€/ box
029111	Clamp	12	N/A -

Kocher forceps



Stainless steel forceps with 2 teeth. CE marking.

Cat. No.	Description	Length (cm)	€
005099	Kocher forceps	16	N/A -

Ultra-thin Scissors



Stainless steel Scissors. Excellent sharpness. CE marking.

Cat. No.	Shape	Ends	Length (cm)	€
005066	Straight	Rounded - Rounded	12	N/A -
005067	Straight	Pointed - Rounded	12	N/A -
005068	Straight	Pointed - Pointed	12	N/A -
005069	Curved	Rounded - Rounded	12	N/A -
005070	Curved	Pointed - Rounded	12	N/A -
005071	Curved	Pointed - Pointed	12	N/A -

Single-use Scissors

- **Stainless steel blade and plastic handle**
- **Sterilised with ethylene oxide**
- **Unit packaging**
- **Pack with 100 units**

Cat. No.	Length (mm)	Ends	Type	Units/ box	€/ box
030676	115	Rounded	-	100	**N/A -**
030677	115	Pointed/Foam	High accuracy	100	**N/A -**
030678	115	Pointed	-	100	**N/A -**
030679	110	Pointed	Wire Cutter	100	**N/A -**


030678


030677


030676


030679

Wironit 18/12 stainless steel scissors

Wironit is an 18/12 stainless steel with 18% chromium and 10-12% nickel, which is even more corrosion resistant and anti-magnetic.

Cat. No.	Length (mm)	Extremities	€
491010	110	Pointed - Pointed	**N/A -**
491012	130	Pointed - Rounded	**N/A -**
491013	145	Pointed - Rounded	**N/A -**
491014	160	Pointed - Rounded	**N/A -**


491010


491012


491013


491014

Universal scissors





All stainless steel universal scissors

Cat. No.	Type	Total Length (mm)	Blade length (mm)	€
076139	All stainless steel	100	30	**N/A -**
076140	All stainless steel	115	45	**N/A -**
076141	All stainless steel	130	50	**N/A -**
076142	All stainless steel	145	60	**N/A -**
076144	All stainless steel	165	70	**N/A -**
076145	All stainless steel	180	80	**N/A -**

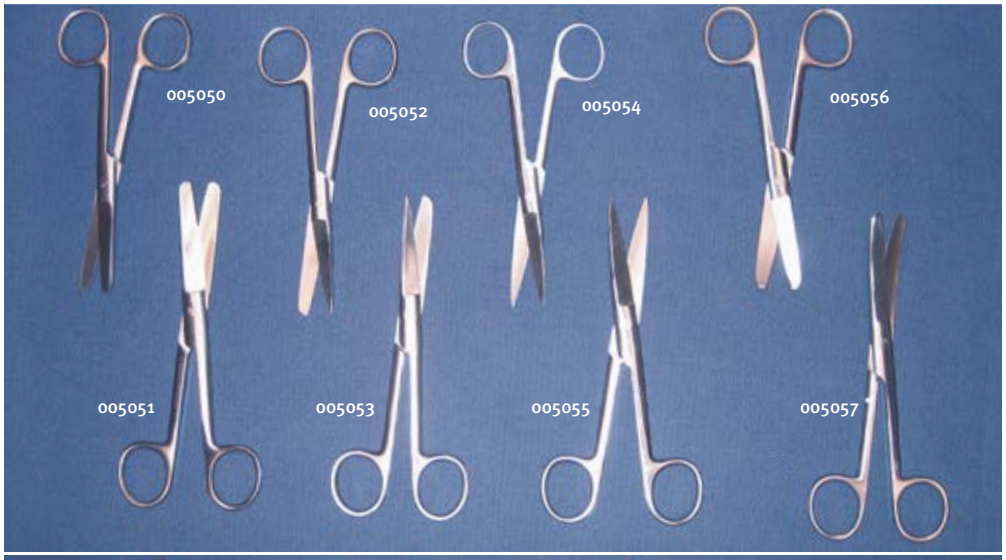
All-purpose scissors in stainless steel, particularly suitable for the laboratory.

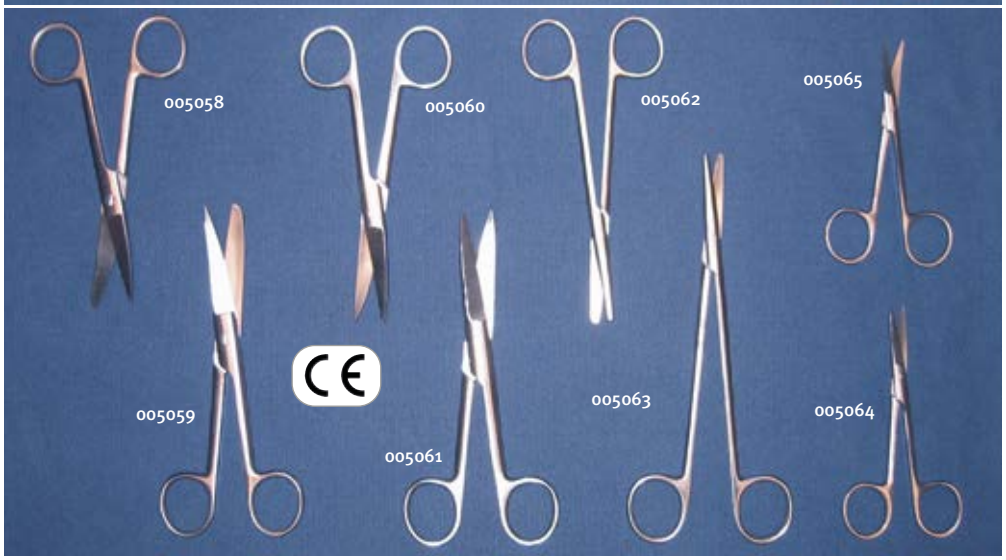
Universal scissors with plastic handle

Cat. No.	Type	Total Length (mm)	Blade length (mm)	€
076146	Plastic handle	130	50	**N/A -**
076147	Plastic handle	150	70	**N/A -**
076148	Plastic handle	200	100	**N/A -**
076149	Plastic handle	250	120	**N/A -**

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Dissecting scissors



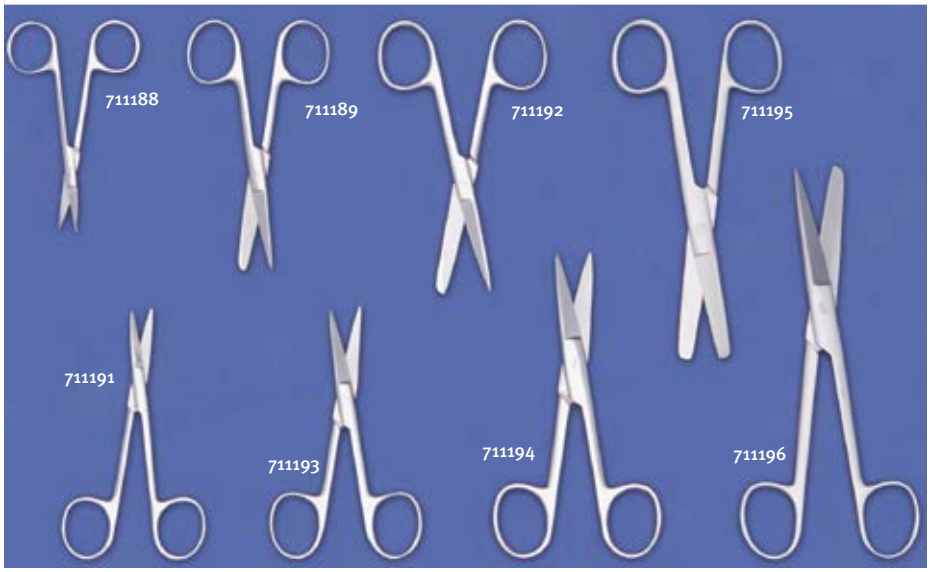


- Stainless steel Scissors
- Excellent sharpness
- CE marking:

Cat. No.	Shape	Ends	Length (cm)	€
005050	Straight	Rounded - Rounded	14	N/A -
005051	Straight	Rounded - Rounded	16	N/A -
005052	Straight	Pointed - Rounded	14	N/A -
005053	Straight	Pointed - Rounded	16	N/A -
005054	Straight	Pointed - Pointed	14	N/A -
005055	Straight	Pointed - Pointed	16	N/A -
005056	Curved	Rounded - Rounded	14	N/A -
005057	Curved	Rounded - Rounded	16	N/A -

Cat. No.	Shape	Ends	Length (cm)	€
005058	Curved	Pointed - Rounded	14	N/A -
005059	Curved	Pointed - Rounded	16	N/A -
005060	Curved	Pointed - Pointed	14	N/A -
005061	Curved	Pointed - Pointed	16	N/A -
005062	Scissors	Metzenbaum - Rounded	14	N/A -
005063	Scissors	Metzenbaum - Rounded	18	N/A -
005064	Fine scissors	Straight - Pointed	11	N/A -
005065	Fine scissors	Curved - Pointed	11	N/A -

Scissors



Cat. No.	Shape	Number of tips	Long. (cm)	€
711188	Curved (iridectomy)	-	10	N/A -
711189	Dauphin Straight	1 tip	11.5	N/A -
711191	Straight (iridectomy)	-	11	N/A -
711192	Dauphin Straight	1 tip	13	N/A -
711193	Pointed straight	2 tips	11.5	N/A -
711194	Pointed straight	2 tips	14	N/A -
711195	Straight foam	-	16	N/A -
711196	Dauphin straight	1 tip	18	N/A -

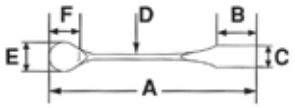


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Spoon and spatula kit + 1 tweezer



- Delivered in 1 pocket-sized carrying case
- 6 spatula models and one tweezer
- Stainless steel
- Autoclavable



Three large and three small models:
- 1: double spatula with large round tip;
- 2: double spatula with small round tip;
- 3: double spatula with large spoon tip;
- 4: double spatula with small spoon tip;
- 5: double spatula with small micro-spoon tip;
- 6: double spatula with large micro-spoon tip.

	Clamp	Model 1	Model 2	Model 3	Model 4	Model 5	Model 6
L. total (A)	14 cm	15 cm	15 cm	15 cm	15 cm	15 cm	15 cm
F x E (cm)	-	3.80 x 0.90	3.50 x 0.41	3.90 x 0.80	3.50 x 0.47	1.90 x 0.50	2.50 x 0.70
B x C (cm)	-	3.80 x 0.90	3.50 x 0.41	3.90 x 0.80	3.50 x 0.47	3.80 x 0.50	3.40 x 0.70

Spoon and spatula kit + tweezer

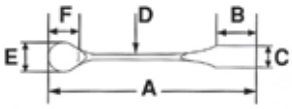
Cat. No.	Description	€
085114	Spoons and spatulas kit + one tweezer	N/A -

Laboratory spoons



Spoons in 18/8 stainless steel.

- Single, double or spatula
- Excellent chemical and thermal resistance
- High quality finish
- Anti-magnetic



	Single spoon			Double spoon				Spoon spatula			
Length A (mm)	Cat. No.	F x E (mm)	€	Cat. No.	F x E (mm)	B x C (mm)	€	Cat. No.	F x E (mm)	B x C (mm)	€
120	076150	30 x 22	N/A -	076156	30 x 22	23 x 17	N/A -	076462	30 x 22	35 x 10	N/A -
150	076151	30 x 20	N/A -	076157	30 x 22	23 x 17	N/A -	076268	30 x 22	40 x 10	N/A -
180	076152	40 x 29	N/A -	076158	40 x 29	30 x 22	N/A -	076463	40 x 29	50 x 12	N/A -
210	076153	40 x 29	N/A -	076159	40 x 29	30 x 22	N/A -	076464	40 x 29	50 x 12	N/A -
250	076154	48 x 35	N/A -	076160	48 x 35	40 x 29	N/A -	076465	48 x 35	70 x 14	N/A -
300	076155	48 x 35	N/A -	076161	48 x 35	40 x 29	N/A -	076466	48 x 35	70 x 14	N/A -

Micro spatulas



Double spatulas comprising a flat spatula at one end and a semi-tubular micro-shovel at the other end. 18/8 stainless steel with high chemical and thermal resistance, non-magnetic.

	Spatula width 4 mm			Spatula width 9 mm		
Length (mm)	Cat. No.	L x W (mm)	€	Cat. No.	L x W (mm)	€
130	076162	40 x 4	N/A -	076166	40 x 9	N/A -
150	076163	45 x 4	N/A -	076167	45 x 9	N/A -
185	076164	50 x 4	N/A -	076168	50 x 9	N/A -
210	076165	60 x 4	N/A -	076169	50 x 9	N/A -

Double micro-spoons



Double spatulas with a spoon or a curved micro-shovel at each end. 18/8 stainless steel with high chemical and thermal resistance, non-magnetic.

Cat. No.	Total Length (mm)	L x W spatula (mm)	€
076170	130	10 x 5	N/A -
076171	185	10 x 5	N/A -
076172	210	12 x 5	N/A -
076173	150	15 x 7	N/A -
076174	200	17 x 7	N/A -
076175	250	20 x 7	N/A -
076176	180	25 x 7	N/A -
076177	210	25 x 12	N/A -

Wironit 18/12 stainless steel spoons and spatulas

Wironit is an 18/12 stainless steel with 18% chromium and 10-12% nickel, which is even more corrosion resistant and anti-magnetic.

Cat. No.	Length (mm)	Spatula dimensions (mm)	Handle diameter (mm)	€
491015	150	26 x 16	-	N/A -
491016	180	32 x 24 / 27 x 20	-	N/A -
491017	150	25 x 20 / 22 x 11	-	N/A -
491018	150	25 x 20	-	N/A -
491019	120	28 x 6	2.5	N/A -
491020	150	30 x 9	3.5	N/A -
491021	180	35 x 9	3.5	N/A -
491022	210	38 x 9	3.5	N/A -
491049	190	20 x 10	-	N/A -
491050	120	25 x 4	2	N/A -
491051	150	36 x 9	3.5	N/A -
491052	180	38 x 9	3.5	N/A -
491053	210	40 x 12	4	N/A -
491054	200	110 x 18	-	N/A -





Micro spoons and micro spatulas

Cat. No.	Description	€
491027	Micro spoon 140 mm	N/A -
491028	Micro-spatula 150 mm	N/A -
491029	Micro-spatula 140 mm	N/A -



491027 - Micro spoon
491029 - Micro-spatula
491028 - Micro-spatula

Triangular spatula spoons

Made of 18/8 stainless steel with high chemical and thermal resistance, non-magnetic.

Cat. No.	Total Length (mm)	L x W spatula (mm)	Rod ø (mm)	L x W spoon (mm)	€
076509	150	30 x 13	5	35 x 15	N/A -
076510	180	30 x 13	5	35 x 15	N/A -
076511	210	30 x 13	5	35 x 15	N/A -
076512	250	30 x 13	5	35 x 15	N/A -
076513	300	30 x 13	5	35 x 15	N/A -
076468	210	35 x 20	8	65 x 28	N/A -
076514	250	35 x 20	8	65 x 28	N/A -
076515	300	35 x 20	8	65 x 28	N/A -
076516	400	35 x 20	8	65 x 28	N/A -
076517	500	35 x 20	8	65 x 28	N/A -
076518	190	26 x 22	13	20 x 13	N/A -



Analysis pouring spoon spatula



Lab pouring spoon spatula 1 conical side.

Cat. No.	Total length (mm)	L x W spatula (mm)	€
076500	200	35 x 23	N/A -

Stainless steel measuring spoons



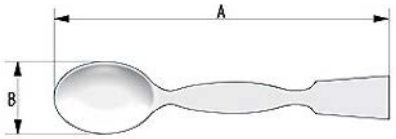
Cat. No.	Description	€
076423	Set of 4 stainless steel 18/10 measuring spoons 18/10 (volumes of 1.25 / 2.5 / 5 and 15 ml)	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Spoons and spatulas







			In nickel		Stainless steel		Stainless steel, PTFE coated	
A (mm)	B (mm)	Vol. (ml)	Cat. No.	€	Cat. No.	€	Cat. No.	€
120	20	2	442195	N/A -	442201	N/A -	442205	N/A -
150	20	2	442196	N/A -	442202	N/A -	442206	N/A -
180	30	-	-	-	069288	N/A -	-	-
180	20	2	442197	N/A -	442203	N/A -	-	-
210	20	2	442198	N/A -	442204	N/A -	442207	N/A -
100	8	0.2	442199	N/A -	442208	N/A -	442210	N/A -
150	4	0.1	-	-	442209	N/A -	-	-
150	8	0.2	442200	N/A -	-	-	442211	N/A -

Analysis Stainless steel spatulas



One end is rectangular and flat, the other is spoon-shaped. Two lengths: 235 mm and 500 mm.

Cat. No.	Length (mm)	€
001809	235	N/A -
001810	500	N/A -

Stainless steel spatulas

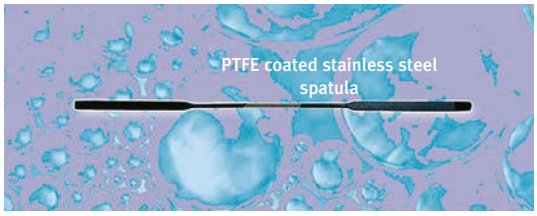


Spatulas suitable for transfers, powder and granular materials.

Cat. No.	Description	Length (mm)	€
037872	Stainless steel Spoon	225	N/A -
037873	Stainless steel spatula, round and flat ends	195	N/A -
037874	Spatula, round and flat ends	150	N/A -

Chattaway spatulas





	In stainless steel		Stainless steel, PTFE coated	
L x W (mm)	Cat. No.	€	Cat. No.	€
100 x 8	442160	N/A -	-	-
130 x 8	442161	N/A -	-	-
150 x 8	442162	N/A -	442163	N/A -
200 x 8	442164	N/A -	442165	N/A -
100 x 10	442166	N/A -	442174	N/A -
130 x 10	442167	N/A -	-	-
150 x 10	442168	N/A -	442175	N/A -
180 x 10	442169	N/A -	442176	N/A -
200 x 10	442170	N/A -	442177	N/A -
230 x 10	442171	N/A -	442178	N/A -
305 x 10	442172	N/A -	-	-
350 x 10	442173	N/A -	442179	N/A -
100 x 4	442180	N/A -	442185	N/A -
130 x 4	442181	N/A -	-	-
150 x 4	442182	N/A -	442186	N/A -
180 x 4	442183	N/A -	-	-
200 x 4	442184	N/A -	442187	N/A -

Double microspatulas

Stainless steel spatula

Double flat microspatula on both ends. 18/8 stainless steel with high chemical and thermal resistance, non-magnetic.

Cat. No.	Total length (mm)	L x W spatula (mm)	€	Cat. No	Total length (mm)	L x W spatula (mm)	€
076215	100	30 x 2	**N/A -**	**076226**	130	40 x 5	**N/A -**
076216	130	40 x 2	**N/A -**	**076227**	150	40 x 5	**N/A -**
076217	150	40 x 2	**N/A -**	**076228**	185	50 x 5	**N/A -**
076218	100	35 x 3	**N/A -**	**076229**	210	55 x 5	**N/A -**
076219	130	40 x 3	**N/A -**	**076230**	150	40 x 6	**N/A -**
076220	150	40 x 3	**N/A -**	**076231**	185	50 x 6	**N/A -**
076221	100	35 x 4	**N/A -**	**076232**	210	55 x 6	**N/A -**
076222	130	40 x 4	**N/A -**	**076233**	150	40 x 9	**N/A -**
076223	150	40 x 4	**N/A -**	**076234**	185	50 x 9	**N/A -**
076224	185	50 x 4	**N/A -**	**076235**	210	55 x 9	**N/A -**
076225	100	35 x 5	**N/A -**	-	-	-	-



Nickel spatula - 99.5% nickel; two flat sides.

Cat. No.	Total length (mm)	L x W spatula (mm)	€
076236	100	35 x 4	**N/A -**
076237	130	40 x 4	**N/A -**
076238	185	50 x 5	**N/A -**
076239	210	55 x 6	**N/A -**

Spatulas spoons

Flat spatulas at one end, spoons at the other.
18/8 stainless steel with high chemical and thermal resistance, non-magnetic.

Cat. No.	Total Length (mm)	L x W spoon (mm)	€
076178	180	25 x 8	**N/A -**
076179	210	25 x 12	**N/A -**
076180	230	25 x 12	**N/A -**
076181	130	10 x 5	**N/A -**
076182	185	10 x 5	**N/A -**
076183	210	12 x 5	**N/A -**



Microspatula spoons

Flat microspatules at one end, microspoon at the other.
18/8 stainless steel with high chemical and thermal resistance, non-magnetic.

Cat. No.	Total Length (mm)	L x W spatula (mm)	L x W spoon (mm)	€
076184	150	40 x 5	9 x 5	**N/A -**
076185	180	40 x 5	9 x 5	**N/A -**
076186	150	40 x 5	7 x 5	**N/A -**
076187	150	45 x 5	6 x 4	**N/A -**
076188	150	45 x 5	5 x 3	**N/A -**
076189	200	45 x 5	9 x 5	**N/A -**



Micro spatulas

Double spatulas flat on both ends.
18/8 stainless steel with high chemical and thermal resistance, non-magnetic, or 99.5% nickel.

		Stainless steel spatula		Nickel spatula	
Total length (mm)	L x W spatula (mm)	Cat. No.	€	Cat. No.	€
130	40 x 9	**076195**	**N/A -**	**076204**	**N/A -**
150	45 x 9	**076196**	**N/A -**	**076205**	**N/A -**
185	50 x 9	**076197**	**N/A -**	**076206**	**N/A -**
210	60 x 11	**076198**	**N/A -**	**076207**	**N/A -**
250	70 x 11	**076199**	**N/A -**	**076208**	**N/A -**
300	75 x 16	**076200**	**N/A -**	-	-
350	85 x 16	**076201**	**N/A -**	-	-
400	100 x 16	**076202**	**N/A -**	-	
500	100 x 20	**076203**	**N/A -**	-	



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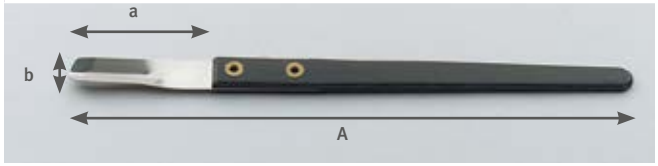
Flexible double spatulas



Double spatulas flat on both ends, flexible. One spatula with a rounded edge, one spatula with a square edge. 18/8 stainless steel with high chemical and thermal resistance, non-magnetic.

Cat. No.	Total Length (mm)	L x W spatula (mm)	€
076209	180	48 x 10	N/A -
076210	210	48 x 10	N/A -
076211	250	50 x 10	N/A -
076212	210	52 x 20	N/A -
076213	250	60 x 20	N/A -
076214	300	65 x 22	N/A -

Vibrating spatula



Stainless steel with plastic handle and knob for precise powder transfer.

Cat. No.	Material	Dimensions A x a x B(mm)	ø (mm)	€
076552	18/10 stainless steel.	190 x 50 x 12	1	N/A -

Laboratory spatulas



- Made of glass fibre reinforced nylon
- Double spatula or spoon spatula models

Cat. No.	Length (mm)	Type	Spoon Capacity (ml)	€ 10 units
391063	150	Double spatula	-	N/A -
391064	180	Double spatula	-	N/A -
391065	180	Spatula-spoon	1.5	N/A -
391066	210	Spatula-spoon	1.8	N/A -

Stirring rod



PTFE Spatula-shaped ends.

Cat. No.	Length (mm)	Diameter (mm)	€
092319	200	8	N/A -
092320	250	8	N/A -
092321	300	8	N/A -

Glass stirring rods



- In borosilicate glass or soda-lime glass
- Diameter: 8 mm, lenght: 250 mm

Cat. No.	Description	€
673329	Soda-lime glass stirring rod	N/A -
673330	Bosilicate glass Stirring rod made	N/A -

V-shaped spatula



- V-shape for better powder transfer
- Volume approx. 23 ml
- Sterilised by gamma irradiation
- FDA approved polystyrene

Cat. No.	Length of the V-shaft (cm)	Handle length (cm)	Total length (cm)	Units/ box	€/ box
088871	25.4	10.2	35.6	50	N/A -

Tongue depressor



- Wooden
- Adult format
- Smooth contact
- Rounded ends
- Non-sterile
- Single use

Cat. No.	Description	€ 100 units
046009	Wooden tongue depressor 150 x 18 mm	N/A -
534801	Wooden tongue depressor ECO 150 x 23 mm	N/A -
534802	Wooden tongue depressor ECO single pack 150 x 23 mm	N/A -

Corning® polystyrene anti-static spatulas

- Single use
- Individual packaging
- Sterile

Pyro-genic

DNase RNase



Cat. No.	Description	Length (mm)	Spoon width (mm)	Other side width (mm)	€ 100 units
003003	With spoon side / pointed spoon	246	12	12	N/A -
003004	With spoon / fine spoon sides	0.49	12	6	N/A -
003005	With spoon/ rounded side	247	12	8	N/A -
003006	With spoon / V side	247	12	8	N/A -
003007	With spoon / flat side	247	12	8	N/A -

Micro-spatulas for sampling



- White polystyrene
- Single use
- Rounded ends of 1.0 and 0.25 ml
- Production, assembly and packaging in accordance with cleanroom class 7
- Complies with the EU and FDA food directives

Cat. No.	Sterile	Individual packaging	€
795633	No	No	N/A -
795634	Yes	Yes	N/A -

Sterile black spoons

- Polystyrene, sterile, individually wrapped
- 3 sizes available: 60, 125 and 250 ml
- Black spoons to better visualise the material to be transferred



Cat. No.	Capacity (ml)	Units/ box	€/ box
088727B	60	100	N/A -
088728B	125	100	N/A -
088729B	250	100	N/A -

Multifunction utensil

- 3 in 1: spoon, fork and knife
- Right and left-handed cutting edges
- Length: 180 mm
- White polystyrene
- Unit packaging
- Collection of liquid or solid samples
- Alimentarity: material in compliance with Regulation No. 1935/2004



Cat. No.	Description	Units/ box	€/ box
150127	Multifunction utensil	500	N/A -

Spoons with spatula, single use

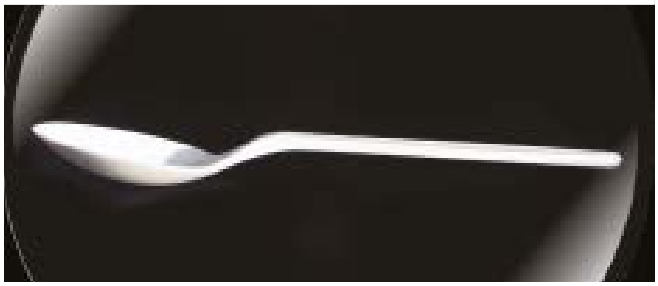
- Double spatula with 0.5 ml spoon and 17 mm spatula blade
- White polystyrene
- Chemical and corrosion resistant
- Sterile by gamma irradiation
- Produced and assembled in a class 7 clean room
- Complies with EU food and FDA directives



Cat. No.	Description	Sterile	Individual packaging	Units/ box	€/ box
795631	LaboPlast Spoon with spatula	No	No	100	N/A -
795632	SteriPlast Spoon with spatula	Yes	Yes	100	N/A -

Polystyrene spoon

Material	Polystyrene
Length (mm)	150
Volume (ml)	8
Sterile	Yes
Cat. No.	**483044**
Packaging unit	1
Units/box	1000
€ /box	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Laboplast and Steriplast sampling scoops, spoons and spatulas







- White polystyrene
- Individual packaging
- Produced and assembled in a class 7 clean room
- Steriplast quality: sterile gamma irradiated (minimum 10 kGy)
- Complies with EU food and FDA directives

Laboplast bio and Steriplast bio

- White polyethylene
- Materials and packaging made entirely from renewable resources

Steriplast detectable

- In blue polystyrene
- Detectable by colour scanner, metal detector or X-ray

GoGreen

1 Sampling scoops

Capacity (ml)	Length (mm)	Lid	Units/ bag	Units/ box	Laboplast Cat. No.	Laboplast €	Steriplast Cat. No.	Steriplast €	Laboplast bio Cat. No.	Laboplast bio €	Steriplast bio Cat. No.	Steriplast bio €	Steriplast detectable Cat. No.	Steriplast detectable €
25	141	No	1	10	795500	N/A -	795508	N/A -	795516	N/A -	795520	N/A -	795651	N/A -
25	142	Yes	1	10	795501	N/A -	795509	N/A -	-	-	-	-	-	-
50	160	No	1	10	795502	N/A -	795510	N/A -	795517	N/A -	795521	N/A -	795652	N/A -
50	161	Yes	1	10	795503	N/A -	795511	N/A -	-	-	-	-	-	-
100	205	No	1	10	795504	N/A -	795512	N/A -	795518	N/A -	795522	N/A -	795653	N/A -
100	206	Yes	1	10	795505	N/A -	795513	N/A -	-	-	-	-	-	-
150	216	No	1	10	795506	N/A -	795514	N/A -	795519	N/A -	795523	N/A -	795654	N/A -
150	218	Yes	1	10	795507	N/A -	795515	N/A -	-	-	-	-	-	-
250	232	No	1	10	795560	N/A -	795564	N/A -	-	-	-	-	795655	N/A -
250	235	Yes	1	10	795561	N/A -	795565	N/A -	-	-	-	-	-	-
500	280	No	1	10	795562	N/A -	795566	N/A -	-	-	-	-	795656	N/A -
500	283	Yes	1	10	795563	N/A -	795567	N/A -	-	-	-	-	-	-
1000	332	No	1	10	795639	N/A -	795640	N/A -	-	-	-	-	795657	N/A -

2 Sampling spoons

Capacity (ml)	Length (mm)	Units/ bag	Units/ box	Laboplast Cat. No.	Laboplast €	Steriplast Cat. No.	Steriplast €	Laboplast bio Cat. No.	Laboplast bio €	Steriplast bio Cat. No.	Steriplast bio €	Steriplast detectable Cat. No.	Steriplast detectable €
2.5	127	1	100	795524	N/A -	795526	N/A -	795528	N/A -	795530	N/A -	795659	N/A -
10	170	1	100	795525	N/A -	795527	N/A -	795529	N/A -	795531	N/A -	795660	N/A -

3 Sampling spatulas

L. blade (mm)	L. total (mm)	Sheath	Units/ bag	Units/ box	Laboplast Cat. No.	Laboplast €	Steriplast Cat. No.	Steriplast €	Laboplast bio Cat. No.	Laboplast bio €	Steriplast bio Cat. No.	Steriplast bio €	Steriplast detectable Cat. No.	Steriplast detectable €
150	263	No	1	10	795532	N/A -	795534	N/A -	795536	N/A -	795537	N/A -	795658	N/A -
150	268	Yes	1	10	795533	N/A -	795535	N/A -	-	-	-	-	-	-





SteriPlast Sterile Sampling Kit

Kit containing ten Steriplast scoops or spatulas and ten SteriBag Premium bags.

Cat. No.	Kit components	€
795662	10 Steriplast 50 ml sampling scoops Cat. No. 795510 and 10 SteriBag Premium 300 ml Cat. No. 795661	N/A -
795663	10 Steriplast 150 mm sampling spatulas Cat. No. 795532 and 10 SteriBag Premium 300 ml ref. 795661	N/A -

Small spatulas



- White
- Withstands down to 230 °C

Cat. No.	Length (cm)	€
857049	30	N/A -
857050	40	N/A -



- 200 °C resistant handle
- Head at 260 °C

Cat. No.	Length (mm)	€
857051	250	N/A -
857052	350	N/A -
857053	450	N/A -

Sampling spoons

- Plastic, sterilised
- Ideal for all solid and liquid samples
- Made of High Impact Polystyrene
- Individually packaged sterile or in non-sterile packs of 12
- Long handle for easy sampling
- One-piece economic model





Sterile teaspoons

Vol. (ml)	Handle length (mm)	Pack. unit	Cat. No.	€ the 200 unit box	Cat. No.	€ the 10 unit box
1.2	178	1	085876	N/A -	085876A	N/A -
2.5	178	1	085877	N/A -	085877A	N/A -
5	178	1	085878	N/A -	085878A	N/A -
15	178	1	085879	N/A -	085879A	N/A -

Large sterile spoons

Vol. (ml)	L x W x H (mm)	L. tot. (mm)	Pack. unit	Cat. No.	€ the 100 unit box	Cat. No.	€ the 10 unit box
60	25 x 76 x 38	178	1	085881	N/A -	085881A	N/A -
125	25 x 89 x 44	191	1	085882	N/A -	085882A	N/A -
250	51 x 127 x 51	216	1	085883	N/A -	085883A	N/A -



Economical one-piece spoons - Sterile or non-sterile (per 12).

	Sterile, single pack							Non-sterile			
Vol. (ml)	Pack. unit	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Pack. unit	Units/ box	€/ box
1.25	1	085975	100	N/A -	085975A	10	N/A -	085989	12	12	N/A -
2.5	1	085976	100	N/A -	085976A	10	N/A -	085990	12	12	N/A -
5	1	085977	100	N/A -	085977A	10	N/A -	085991	12	12	N/A -
8	1	085978	100	N/A -	085978A	10	N/A -	085992	12	12	N/A -
20	1	085979	100	N/A -	085979A	10	N/A -	085993	12	12	N/A -
63	1	085980	50	N/A -	-	-	-	085985	12	12	N/A -
83	1	085981	50	N/A -	-	-	-	085986	12	12	N/A -
125	1	085982	50	N/A -	-	-	-	085987	12	12	N/A -
250	1	085983	50	N/A -	-	-	-	085988	12	12	N/A -



Non-sterile scoops and spoons: page 903

Long sterile sampling spoon

- Capacity 25 ml, length 254 mm
- Sterile, single use, individually wrapped
- Made of High Impact Polystyrene

Cat. No.	Description	Units/ box	€/ box
085984	Long spoon, 25 ml	25	N/A -



Ecological spoons and spatulas

- New ecological spatulas (A) and spoons with wide (B) or long (C) handles
- Made from polylactic acid (PLA) resin
- Fully biodegradable

GoGreen







Ecological spatulas (A)				Ecological spoons with wide handles (B)					Ecological spoons with long handle (C)				
Cat. No.	Handle L. (mm)	Units/ box	€/ box	Cat. No.	Vol. (ml)	Handle L. (mm)	Units/ box	€/ box	Cat. No.	Vol. (ml)	Handle L. (mm)	Units/ box	€/ box
085135	147	100	N/A -	085130	1.25	102.7	10	N/A -	085137	1.23	178	10	N/A -
085136	147	500	N/A -	085131	2.5	106.7	10	N/A -	085138	2.46	178	10	N/A -
-		-	-	085132	5	114.5	10	N/A -	085139	4.93	178	10	N/A -
-		-	-	085133	8	125.5	10	N/A -	-	-	-	-	-
-		-	-	085134	20	130.3	10	N/A -	-	-	-	-	-

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Sampling spoons with curved handles



- Flat bottom
- Made of FDA grade polystyrene, gamma sterilised
- Unit packaging
- Capacity 60 or 125 ml

Cat. No.	Capacity (ml)	Dimensions (cm)	Units/ box	€/ box
088796	60	19.1 x 4.1 x 3.7	10	N/A -
088797	125	19.1 x 5 x 4.2	10	N/A -

Sterile sampling spoons



- Sterile, single pack
- 3 volumes: 60, 125 and 250 ml
- Red

Cat. No.	Capacity (ml)	Dimensions (mm)	Total length(mm)	Units/ box	€/ box
085900A	60	-	-	10	N/A -
085901	125	25 x 89 x 44	216	100	N/A -
085901A	125	25 x 89 x 44	216	10	N/A -
085902	250	51 x 127 x 51	221	100	N/A -
085902A	250	51 x 127 x 51	221	10	N/A -

Sterile V-shaped sampling spatula



Ideal for taking powdered (or granular) samples from bags, containers.

- Total length: 229 mm
- Spatula length: 152 mm

Cat. No.	Description	Volume (ml)	L x D (mm)	Units/ box	€/ box
085880	V-shaped Sterile spatula	36	19 x 13	100	N/A -

Sampling scoop with sterile bag



Set consisting of a 114 x 229 mm sterile bag and a sampling scoop.

Cat. No.	Description	Capacity (ml)	Units/ box	€/ box
085932	Scoop and bag set	60	50	N/A -

Sampling scoop with container



Sampling scoop for semi-solid or solid products, which acts as a lid for the container. The sample goes directly into the container with the scoop. Ideal for semi-solid products. Sterile.

Cat. No.	Description	Capacity (ml)	Units/ box	€/ box
085933	Sampling scoop with container	185	25	N/A -

Sterile sample cutting spoon



Spoon in moulded polycarbonate, indented and with 3 claws forming a fork. To cut sterile samples easily. Autoclavable at 121 °C.

Cat. No.	Description	Units/ box	€/ box
085941	Sample cutting spoon lenght 19 cm	2	N/A -

Sterile sampling knife



For sterile sampling of solid materials prior to analysis.

Cat. No.	Description	Length (mm)	Units/ box	€/ box
085934	Sampling knife	178	200	N/A -

Whirl-Pak bags with sampling sponge

- Low density polyethylene, non-autoclavable
- Sterile
- Bags closed with metal tabs
- Bags with sponge for environmental surface sampling



952919

Whirl-Pak speci-sponge bags

- Sponge dimensions (L x W x H): 76 x 38 x 15 mm
- Picking rod: for hard-to-reach areas

				Dry sponge			Pre-moistened sponge		
Composition of the bag	W x H (mm)	Vol. (ml)	Thickness (µm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
Sponge	115 x 230	532	64	**052969**	100	**N/A -**	**952918**	100	**N/A -**
Sponge and sterile glove	115 x 230	532	64	**052971**	100	**N/A -**	**952919**	100	**N/A -**
Sponge	190 x 300	1627	102	**052970**	100	**N/A -**	-	-	-

*Sponge pre-moistened with a neutralizing buffer solution.

Whirl-Pak Hydrated polysponge bags

- Made of high density polyurethane
- Pre-moistened Sponge with HiCap neutralising broth
- Hydrated polyprobe: sponge with pick-up rod for hard-to-reach areas

Cat. No.	Description	W x H (mm)	Thickness (µm)	Units/ box	€/ box
952915	Hydrated polysponge	115 x 230	64	100	**N/A -**
952916	Hydrated polysponge with sterile glove	115 x 230	64	100	**N/A -**
952917	Hydrated polyprobe	150 x 230	64	100	**N/A -**



952915

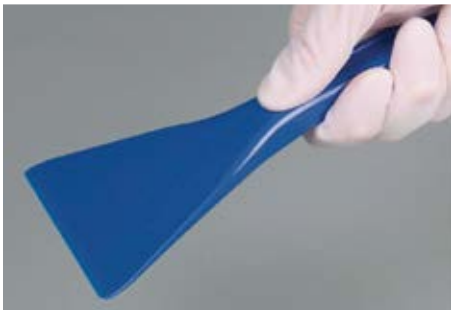


952916

Laboplast scrapers

- In polystyrene
- Manufactured in a class 7 clean room
- For scraping, smoothing or cleaning
- Ideal for your freezer
- Individual packaging

Cat. No.	Sterile	Colour	Units/ box	€/ box
795670	No	White	10	**N/A -**
795673	Yes	Blue	10	**N/A -**

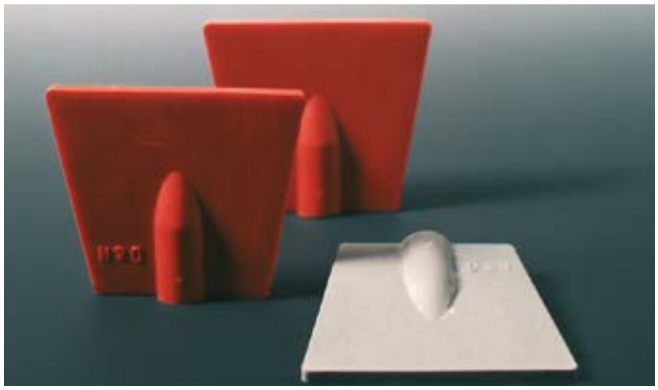




Spatula-shaped scrapers

Dimension: 35 mm.
Compatible with 8 mm diameter stirring rods.

Grey	Red	Transparent	Units/ box	€/ box
091821	**091822**	**091823**	10	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Stainless steel beakers



Beakers in 18/10 stainless steel.

		Beakers with rim		Beakers with rim and spout		Beakers with rim and handle		Beakers with rim, spout and handle	
Volume (ml)	H x ø (mm)	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
100	60 x 50	076276	N/A -	076283	N/A -	076290	N/A -	076297	N/A -
250	58 x 65	076277	N/A -	076284	N/A -	076291	N/A -	076298	N/A -
500	110 x 80	076278	N/A -	076285	N/A -	076292	N/A -	076299	N/A -
1000	130 x 110	076279	N/A -	076286	N/A -	076293	N/A -	076300	N/A -
2000	180 x 120	076280	N/A -	076287	N/A -	076294	N/A -	076301	N/A -
3000	180 x 150	076281	N/A -	076288	N/A -	076295	N/A -	076302	N/A -
5000	210 x 180	076282	N/A -	076289	N/A -	076296	N/A -	076303	N/A -

Aluminium beakers



Cat. No.	Volume (ml)	H x ø (mm)	€
442100	100	57 x 50	N/A -
442101	250	76 x 69	N/A -
442102	500	103 x 85	N/A -
442103	1000	132 x 102	N/A -
442104	2000	156 x 126	N/A -
442105	5000	206 x 177	N/A -

Universal aluminium containers



- Pure aluminium
- Round shape
- With snap-on lid
- For storage and sterilisation of small parts

Cat. No.	H x ø (mm)	€
159600	115 x 120	N/A -
159601	175 x 120	N/A -
159602	170 x 170	N/A -
159603	270 x 170	N/A -

304 stainless steel galipots







		Galipots with spout		Round Galipots		J Galipots			
Dim. Ø x H (mm)	Capacity (ml)	Cat. No.	€	Cat. No.	€	Dim. Ø x H (mm)	Capacity (ml)	Cat. No.	€
46 x 29	30	910061	N/A -	-	-	-	-	-	-
56 x 32	50	910062	N/A -	-	-	-	-	-	-
88 x 46	170	910065	N/A -	-	-	-	-	-	-
95 x 51	250	910066	N/A -	910081	N/A -	-	-	-	-
107 x 55	325	910067	N/A -	-	-	110 x 56	360	910054	N/A -
128 x 60	450	910068	N/A -	-	-	-	-	-	-
158 x 75	940	910070	N/A -	-	-	-	-	-	-
185 x 81	1390	910071	N/A -	910087	N/A -	-	-	-	-
208 x 84	1940	910072	N/A -	910088	N/A -	-	-	-	-
258 x 92	3200	-	-	910089	N/A -	-	-	-	-

304 stainless steel containers

Basin

Cat. No.	Ø x H (mm)	Capacity (l)	€
910109	350 x 125	6.6	N/A -



Glass

Cat. No.	Ø x H (mm)	Capacity (ml)	€
910132	75 x 78	210	N/A -



Beakers

Cat. No.	Ø x H (mm)	Capacity (ml)	€
Without handle			
910190	70 x 67	250	N/A -
With handle			
910191	86 x 117	600	N/A -
910194	128 x 165	2000	N/A -
910195	148 x 182	3000	N/A -



Stainless steel containers

- In 18/10 stainless steel
- With handles
- Lid to be ordered separately



Cat. No.	Height (mm)	Diameter (mm)	Volume (l)	€	Lid	€
076743	375	270	20	N/A -	076744	N/A -
076745	375	300	25	N/A -	076751	N/A -
076746	440	300	30	N/A -	076752	N/A -
076747	550	350	50	N/A -	076753	N/A -
076748	600	400	75	N/A -	076754	N/A -
076749	670	450	100	N/A -	076755	N/A -
076750	670	550	150	N/A -	076756	N/A -

Metal boxes

Stainless steel 304

Cat. No.	Dim. W x L x H (mm)	€
910173	180 x 80 x 30	N/A -
910174	180 x 80 x 40	N/A -
910175	180 x 80 x 50	N/A -
910176	200 x 90 x 30	N/A -
910177	200 x 90 x 40	N/A -
910178	200 x 90 x 50	N/A -
910179	250 x 100 x 40	N/A -
910180	250 x 100 x 50	N/A -
910181	250 x 100 x 60	N/A -
910183	300 x 125 x 60	N/A -
910185	300 x 125 x 80	N/A -
910186	300 x 150 x 80	N/A -
910188	300 x 150 x 100	N/A -



Aluminium

Cat. No.	Dim. W x L x H (mm)	€
910163	175 x 76 x 20	N/A -
910164	175 x 76 x 30	N/A -
910165	175 x 76 x 40	N/A -
910167	185 x 95 x 30	N/A -
910168	185 x 95 x 40	N/A -
910170	218 x 106 x 30	N/A -
910171	218 x 106 x 40	N/A -
910172	218 x 106 x 50	N/A -

Stainless steel containers with handles

- Stainless steel
- Stackable for easy storage
- With fixed handles

	Dim. (mm): 530 x 325		Dim. (mm): 325 x 265		Dim. (mm): 325 x 176		Dim. (mm): 176 x 162	
Height (mm)	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
65	909800	N/A -	909803	N/A -	909806	N/A -	909809	N/A -
100	909801	N/A -	909804	N/A -	909807	N/A -	909810	N/A -
150	909802	N/A -	909805	N/A -	909808	N/A -	909811	N/A -
Lids								
Lid with handle	909822	N/A -	909823	N/A -	909824	N/A -	909825	N/A -





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304 stainless steel trays



Single tray with lid

Single tray

	Without lid		With lid	
Dimensions L x W x H (mm)	Cat. No.	€	Cat. No.	€
209 x 158 x 76	-	-	910000	N/A -
223 x 126 x 45	910016	N/A -	910001	N/A -
270 wx 218 x 50	910021	N/A -	-	-
323 x 265 x 63	910026	N/A -	-	-

Instrument tray



Dimensions L x W x H (mm)	Cat. No.	€
210 x 160 x 25	910030	N/A -
268 x 190 x 30	910031	N/A -
313 x 218 x 31	910032	N/A -
365 x 265 x 33	910033	N/A -
208 x 109 x 15	910034	N/A -
209 x 150 x 15	910035	N/A -

Thin tray



Dimensions L x W x H (mm)	Cat. No.	€
254 x 165 x 18	910040	N/A -
432 x 295 x 19	910042	N/A -
487 x 323 x 13	910043	N/A -

Long tray with lid



Dimensions L x W x H (mm)	Cat. No.	€
217 x 78 x 38	910036	N/A -
400 x 75 x 49	910038	N/A -
438 x 113 x 54	910039	N/A -

Rectangular trays



In 18/10 stainless steel.

Cat. No.	L x W x H (mm)	€
076333	200 x 175 x 15	N/A -
076335	300 x 200 x 15	N/A -
076336	300 x 300 x 20	N/A -
076337	440 x 340 x 20	N/A -

Aluminium or stainless steel trays



	In aluminium		In stainless steel	
L x W x H (mm)	Cat. No.	€	Cat. No.	€
310 x 220 x 45	442106	N/A -	442109	N/A -
360 x 260 x 50	442107	N/A -	442110	N/A -
450 x 300 x 50	442108	N/A -	442111	N/A -
500 x 350 x 50	-	-	442112	N/A -

Flanged trays



In 18/10 stainless steel.

Cat. No.	L x W x H (mm)	€
076346	210 x 155 x 40	N/A -
076347	240 x 160 x 40	N/A -
076264	300 x 200 x 40	N/A -
076348	340 x 210 x 45	N/A -
073273	375 x 270 x 45	N/A -

Trays with rounded corners



In 18/10 stainless steel.

Cat. No.	L x W x H (mm)	€
076338	190 x 140 x 50	N/A -
076339	250 x 180 x 60	N/A -
076340	260 x 190 x 50	N/A -
076341	320 x 260 x 60	N/A -
076342	350 x 240 x 70	N/A -
076343	400 x 270 x 80	N/A -
076344	500 x 330 x 100	N/A -

Coloured aluminium trays

Dimensions: 200 x 100 x 20 mm.

Steel	Azur	Blue	Red	Green	Golden	€
711924	711925	711926	711927	711928	711929	N/A -



In aluminium sterilisation boxes

	L x W x H: 17 x 7 x 3 cm		L x W x H: 18 x 9 x 3 cm		L x W x H: 21 x 10 x 3 cm	
Colour	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No..**	**€**
Steel	715001	N/A -	711235	N/A -	711236	N/A -
Azure	711900	N/A -	711905	N/A -	711910	N/A -
Blue	711901	N/A -	711906	N/A -	711911	N/A -
Red	711902	N/A -	711907	N/A -	711912	N/A -
Green	711903	N/A -	711908	N/A -	711913	N/A -
Golden	711904	N/A -	711909	N/A -	711914	N/A -



Rectangular boxes with lid



In 18/10 stainless steel.

Cat. No.	L x W x H (mm)	€
076331	230 x 133 x 45	N/A -
076332	315 x 215 x 60	N/A -

Instrument cases with lid



In 18/10 stainless steel.

Cat. No.	L x W x H (mm)	€
076274	180 x 90 x 30	N/A -
076325	215 x 100 x 50	N/A -
076326	250 x 150 x 60	N/A -
076327	300 x 150 x 70	N/A -

Sterilizable stainless steel dissecting box

- **Completely made of stainless steel, sterilizable**
- **CE marked lid**
- **Suitable for medical applications for example**

Cat. No.	Description	€
068743	Dissecting box, sterilizable, 170 x 70 x 30 mm	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Stainless steel funnels



In 18/10 stainless steel.

Cat. No.	Total heigh (mm)	Rod height (mm)	ø (mm)	€
442264	110	50	80	N/A -
076381	115	50	80	N/A -
442133	120	60	90	N/A -
076382	125	65	100	N/A -
076383	145	80	120	N/A -
442135	180	85	145	N/A -
076384	190	90	150	N/A -
442136	210	85	180	N/A -
076385	220	90	200	N/A -
076386	260	90	250	N/A -

Stainless steel scoops



In 18/10 stainless steel.

Cat. No.	Total length (mm)	Volume (ml)	ø (mm)	€
076351	190	120	50	N/A -
076352	250	450	75	N/A -
076353	320	1000	105	N/A -
076354	350	1500	120	N/A -
076355	370	2000	150	N/A -

Aluminium scoops



Aluminium scoops.

Cat. No.	Total length (mm)	Scoop width (mm)	Volume (ml)	€
076356	65	12	5	N/A -
076357	85	13	10	N/A -
076358	135	24	50	N/A -
076359	155	30	65	N/A -
076360	185	32	90	N/A -
076361	210	37	160	N/A -
076362	250	45	240	N/A -
076363	290	55	400	N/A -
076364	310	57	480	N/A -
076270	350	63	900	N/A -
076365	400	83	1600	N/A -
076366	430	95	2500	N/A -
076367	250	35	90	N/A -
076368	285	35	90	N/A -

Weighing scoops



In 18/8 stainless steel or aluminium.

Cat. No.	Length x width (mm)	Material	€
076370	70 x 32	Stainless steel	N/A -
076371	90 x 32	Stainless steel	N/A -
076372	105 x 32	Stainless steel	N/A -
076373	120 x 32	Stainless steel	N/A -
076374	120 x 30-65	Stainless steel	N/A -
076375	160 x 30-75	Stainless steel	N/A -
076376	200 x 55-100	Stainless steel	N/A -
076377	70 x 32	Aluminium	N/A -
076378	90 x 32	Aluminium	N/A -
076379	105 x 32	Aluminium	N/A -
076380	120 x 32	Aluminium	N/A -

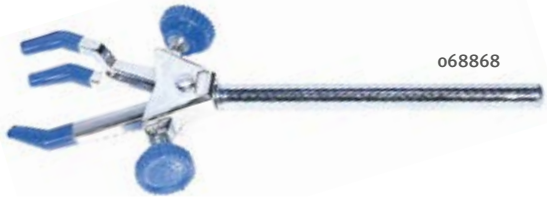
Clamps for stands


942905


068861


068864


068865


068868


068869


068870


068871


068873


068876


068877


068878

- Ring for decanting ampoules and funnels
- Clamp with removable nut: central adjustment that allows the clamp's inclination to be adjusted
- 3-finger "angle" clamps: the angles are more pronounced
- 4 finger clamp for flasks, vials, Erlenmeyer flasks..

Rings, clamps

Cat. No.	Description	Spacing (mm)	Out. ø (mm)	Inner ø (mm)	Rod ø (mm)	Length (mm)	Material	€
942905	Firm ring	-	140	NC	NC	225	Ni / Cr	**N/A -**
068859	Open ring	-	60	46	7	180	Ni / Cr	**N/A -**
068860	Open ring	-	80	65	7	195	Ni / Cr	**N/A -**
068861	Open ring	-	100	82	8	200	Ni / Cr	**N/A -**
068862	Open ring	-	120	102	8	215	Ni / Cr	**N/A -**
068863B	Open ring	-	140	125	8	225	Ni / Cr	**N/A -**
068864	3-Finger Clamp	0-30	-	-	8	120	Ni / Cr	**N/A -**
068865	3-Finger Clamp	0-95	-	-	8	140	Chr / Alu	**N/A -**
068866	3-Finger Clamp	0-95	-	-	10	140	Chr / Alu	**N/A -**
068867	3-Finger Clamp	0-95	-	-	12	140	Chr / Alu	**N/A -**
068868	3-Finger Angle Clamp, 2 wheels	0-50	-	-	10	140	Chr / Zinc	**N/A -**
068869	3-Finger Angle Clamp, 2 wheels	0-85	-	-	12	158	Chr / Zinc	**N/A -**
068870	3-finger clamp with removable nut	0-70	-	-	≤18	-	Chr / Zinc	**N/A -**
068871	3-finger angle clamp, 2 wheels with removable nut	0-50	-	-	<24	-	Chr / Zinc	**N/A -**
068872	3-finger angle clamp, 2 wheels with removable nut	0-90	-	-	<24	-	Chr / Zinc	**N/A -**
068873	Universal 4-finger clamp with cork inside	0-100	-	-	8	165	Chr / Zinc	**N/A -**
068874	Universal 4-finger clamp with cork inside	0-100	-	-	10	165	Chr / Zinc	**N/A -**
068875	Universal 4-finger clamp with cork inside	0-100	-	-	12	165	Chr / Zinc	**N/A -**
068876	Universal 4-finger clamp, with cork inside , removable nut	0-100	-	-	<24	-	Chr / Zinc	**N/A -**
068880	2-finger clamp for tube, with fixed tightening nut	7-25	-	-	<18	100	Ni / Cr	**N/A -**
068877	Clamp for ring thermometer with fixed tightening nut	-	-	-	<24	-	Chr / Zinc	**N/A -**
068878	Clamp for thermometer with fixed tightening nut	4-13	-	-	-	-	Chr / Zinc	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Clamps for stands (continued)



068879



068820



068823



068822

068825



Clamping nuts for stands

➤**Perpendicular" nuts for perpendicular structures**

Cat. No.	Description	Rod ø (mm)	Material	€
068879	Doble bosshead	<16	Resin coated	**N/A -**
068820	Doble bosshead	<14	Nickel	**N/A -**
068822	Rotary double bosshead, 360°	<18	zinc-plated	**N/A -**
068823	Doble bosshead	<18	Alloy	**N/A -**
068824	Bosshead type P	10	Ni / Cr	**N/A -**
068825	Bosshead type P	12	Ni / Cr	**N/A -**
068826	Bosshead type P	16	Ni / Cr	**N/A -**
068827	Allen key	-	Steel	**N/A -**



810705

810701

810699

Complete stand with rod

Cat. No.	Shape	Colours	Base dimensions (mm)	Base weight (kg)	Feet rubber	Dimensions rod (Ø x H) (mm)	€
810699	A	Blue	200 x 30	-	-	10 x 600	**N/A -**
810700	Rectangle	Black	100 x 175	0.47	-	10 x 500	**N/A -**
810701	Rectangle	Black	125 x 225	0.76	Yes	10 x 500	**N/A -**
810702	Rectangle	Black	150 x 250	1.0	Yes	10 x 600	**N/A -**
810703	Rectangle	Black	165 x 300	1.2	Yes	10 x 900	**N/A -**
810705	Rectangle	Blue	200 x 140	1.0	-	10 x 600	**N/A -**
942983	Rectangle	Blue	300 x 175	1.6	-	10 x 600	**N/A -**

Stainless steel stands

Stainless steel bases

- Stainless steel 18/10, DIN 12892
- M10 thread
- Anti-slip rubber protection

Cat. No.	L x W (mm)	€
076573	210 x 130	N/A -
076525	250 x 160	N/A -
076574	300 x 150	N/A -
076575	315 x 200	N/A -

Painted steel bases

- Made of painted steel, DIN 12892
- M10 thread

Cat. No.	L x W x H (mm)	€
076576	180 x 100 x 6	N/A -
076577	210 x 130 x 6	N/A -
076578	250 x 160 x 6	N/A -
076579	300 x 150 x 6	N/A -
076580	315 x 200 x 6	N/A -
076581	210 x 130 x 8	N/A -
076582	250 x 160 x 8	N/A -
076583	315 x 200 x 8	N/A -
076584	315 x 200 x 10	N/A -

Tripods

- Painted cast iron
- M10 thread

Cat. No.	Feet length (mm)	€
076585	105	N/A -
076560	145	N/A -

Stainless steel nuts

- Stainless steel 18/10, DIN 12895
- Rod ø 16.5 mm



Cat. No.	Type	€
076603	1	N/A -
076604	2	N/A -
076605	3	N/A -

Aluminium nuts

- Made of aluminium, DIN 12895



Cat. No.	Type	€
076569	1	N/A -

Special 3-finger clamps

- In 18/10 stainless steel
- Plasticised silicone fingers

Cat. No.	L x rod ø (mm)	Opening	€
076610	190 x 12	0 - 80	N/A -
076611	190 x 12	0 - 120	N/A -









Stainless steel rods

- In 18/10 stainless steel
- For M10 socket

Cat. No.	ø x W (mm)	€
076521	12 x 500	N/A -
076586	12 x 600	N/A -
076568	12 x 750	N/A -
076587	12 x 1000	N/A -
076588	12 x 1250	N/A -
076589	12 x 1500	N/A -
076590	13 x 500	N/A -
076591	13 x 600	N/A -
076592	13 x 750	N/A -
076593	13 x 1000	N/A -
076594	13 x 1250	N/A -
076595	13 x 1500	N/A -
076596	16 x 1000	N/A -
076597	16 x 1250	N/A -
076598	16 x 1500	N/A -

Zinc-coated steel rods

- Made from zinc-coated steel
- For M10 socket

Cat. No.	ø x W (mm)	€
076599	12 x 500	N/A -
076549	12 x 600	N/A -
076561	12 x 750	N/A -
076600	12 x 1000	N/A -
076601	12 x 1250	N/A -
076602	12 x 1500	N/A -

Tightening nut



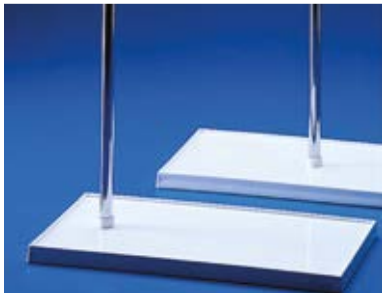


Cat. No.	Material	Rod ø (mm)	Type	€
076606	Stainless steel	16.5	1	N/A -
076607	Stainless steel	16.5	3	N/A -
076493	Aluminium	16.5	1	N/A -
076608	Aluminium	16.5	3	N/A -
076558	Aluminium	27	1	N/A -
076609	Aluminium	27	3	N/A -

Polypropylene stands

- Made of polypropylene
- Base dimensions (L x W x H): 293 x 147 x 14 mm
- 2 chrome steel support bars included, length 25 cm, Ø 12 mm
- Bars can be screwed together for longer lengths

Cat. No.	Description	€
391611	Base with centre hole	N/A -
391612	Base with eccentrical hole	N/A -
391615	Additional support bar	N/A -





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Set of 16 precision screwdrivers



- Rotating heads
- 4 pozidrivs, 3 sockets, 3 hex., 6 flat
- Steel tips
- Dimensions: 210 x 140 x 20 mm
- Weight: 150 g
- Supplied in a case

Cat. No.	Description	€
089456	Set of 16 screwdrivers	N/A -

Padlock 40 mm



- Solid brass key padlock
- Width 40 mm
- Supplied with 3 keys

Cat. No.	Description	€
711163	Padlock	N/A -

56-piece tool case



- High quality, chrome vanadium steel
- 2 screwdrivers: 6 x 100 mm (flat), PH2 x 100 mm (cross-shaped)
- 3 clamps: 1 with diagonal cutting edge, 1 with semi-round end, 1 power strip
- 1 handle for 1/4'' socket, ratchet key 3/8
- 14 x 3/8" sockets: 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 21, 22
- 24 ends 25 mm:
  - flat: 3, 4, 5, 6 mm
  - phillips: PH10, 1, 2, 3
  - pozidriv: PZ0, 1, 2, 3
  - star: T15, T20, T25, T30
  - hexagonal: 2, 3, 4, 5, 6 mm
  - square: S1, S2, S3
- Coupler 1/4"
- 9 Allen keys: 1.5; 2; 2.5; 3; 4; 5; 6; 8; 10 mm
- Dimensions: 33.5 x 25 x 9.5 cm / Weight: 3.4 kg

Cat. No.	Description	€
089449	56-piece tool case	N/A -

Leatherman Multifunction Knives

- Multifunctional knives with knife, screwdriver, wire cutter and pliers
- Stainless steel frame



Number of tools	9	14		17
Folded tool length (cm)	6	9.7	10	10
Weight (g)	57	168	198	241
Handle	Anodised aluminium	Stainless steel		
Case	-	-	-	Leather
Knife	Straight	Straight lockable	Straight and notched combination	1 straight, 1 notched
Blade length (cm)	4	6.6		7.3
Other equipment	Metal file, scissors, decapper, key ring	Metal file, decapper, can opener, ruler 3.8 cm, belt clip	Metal file, scissors, decapper, can opener, ruler 3.8 cm, belt clip	Metal file, scissors, removable reversible tips, can opener, can opener, ruler 19 cm, eyelet
Cat. No.	**253214**	**253219**	**253215**	**253223**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Cutter with ABS handle

- 18 mm blade
- Locking button
- Metal blade guide
- Length: 160 mm



Cat. No.	Description	€
053310	ABS cutter	N/A -

Precision cutter

- Metal body
- Delivered with 5 different blades
- Length 145 mm



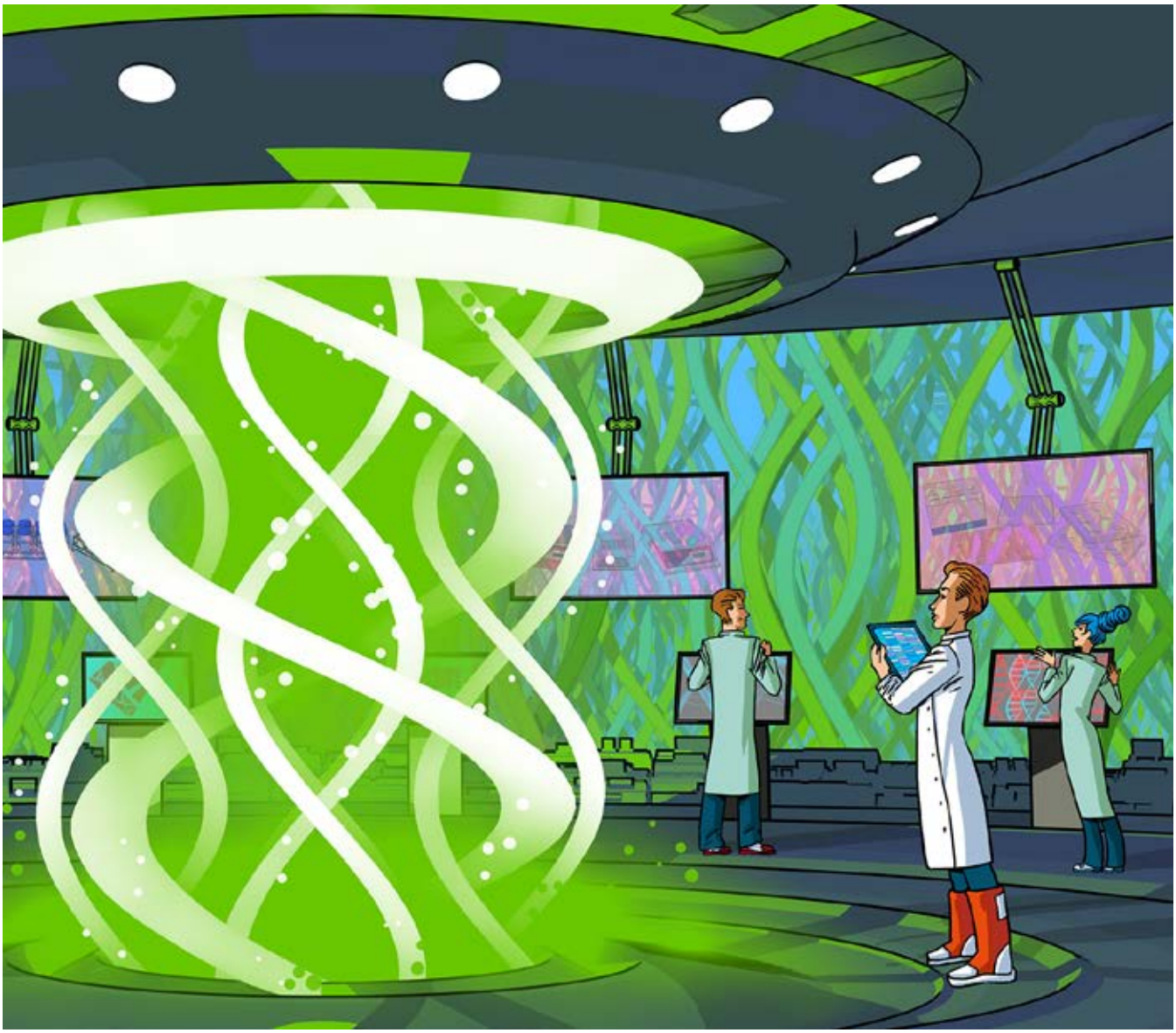
Cat. No.	Description	€
089460	Precision cutter	N/A -

Vernier caliper

- In carbon steel
- Double crossed beaks
- Capacity: 150 mm
- Accuracy: 1/50e mm
- Internal and external measurements
- Depth gauge
- One-piece/screw lock
- Delivered in a box



Cat. No.	Description	€
098496	Calliper	N/A -



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AN EXTRAORDINARY ADVENTURE



FILTRATION AND SEPARATION

• Macrofiltration	975
• Membrane filters	976 to 982
• Filter papers	981 and 983 to 990
• Syringe filters	991 to 999
• Filtration plates	999 and 1000
• Filter units	1001 to 1008
• Filter caps	1008 and 1009
• Filter holder	1010
• Filtration systems and media 1010 to 1020	
• Filter Funnels	1021 to 1025
• Filter booms, systems and accessories	1023 and 1024
• Chromatography	1025
• Filtration - dialysis	1026 to 1029

Nitex nylon filtration cloth (sifting fabric)

Cat. No.	Mesh opening (µm)	Open area (%)	Cloth Thickness (µm)	Wire Ø (µm)	Weight (g/m²)	Coupon Dim. (cm)	€
074001	1000	44	890	515	330	110 x 100	N/A -
074002	500	38	580	315	225	115 x 100	N/A -
074003	300	51	200	122	75	102 x 100	N/A -
074004	250	50	170	103	55	102 x 100	N/A -
074005	200	47	150	92	60	102 x 100	N/A -
074006	150	50	95	62	35	102 x 100	N/A -
074018	110	NC	NC	NC	NC	102 x 102	N/A -
074007	100	44	80	51	30	102 x 100	N/A -
074008	80	29	125	77	67	102 x 100	N/A -
074009	60	35	75	47	34	110 x 100	N/A -
074010	50	37	50	33	20	102 x 100	N/A -
074011	48	31	60	38	30	102 x 100	N/A -
074012	37	24	60	39	35	102 x 100	N/A -
074013	31	24	55	33	30	102 x 100	N/A -
074017	20	NC	NC	NC	NC	102 x 100	N/A -
074014	11	6	65	36	45	102 x 100	N/A -
074015	5	1	100	37	60	115 x 100	N/A -
074016	1	1	75	37	60	115 x 100	N/A -



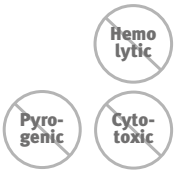
Single-strand nylon cloth for pre-filtering, filtering and sieving work.

- **Highly rigorous manufacturing for increased reproducibility**
- **Ideal for culture: removal of cell debris, cell sieving, coarse particle filtration, solvent pre-filtering**
- **Operating temperature: -40 °C to +115 °C in dry conditions**
- **Range available in a wide choice of materials for use in special conditions (aggressive solutions, high temperature, etc.)**
- **Presented in lengths to be cut to size**

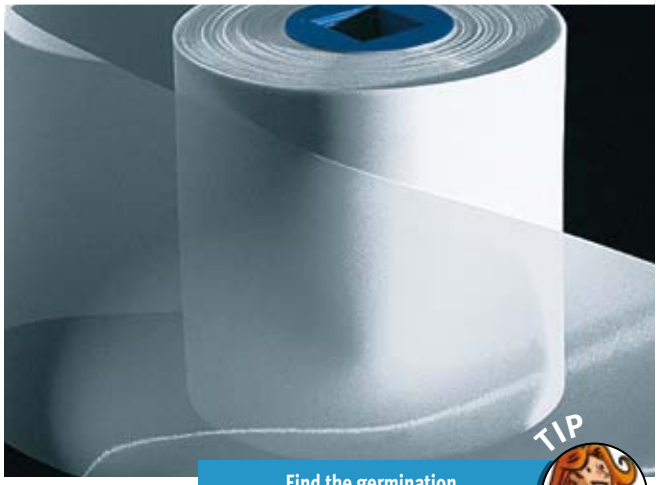
Medifab polyamide filter fabric

Filtration fabric for medical use or bacteriological applications.

- **Manufactured in a BPF/GMP clean room class ISO 7**
- **Low extractables (< 1000 mg/m² of fabric)**
- **Biocompatibility USP class VI**
- **Compliant with ISO 10993, ISO 9001:2008, ISO 14001, and ISO 16949**
- **Range available in PET**



Cat. No.	Opening mesh (µm)	Area opening (%)	Thickness fabric (µm)	Wire Ø (µm)	Weight (g/m²)	Dim. Cloth length (cm)	€
987447	5	1	100	37	60	115 x 100	293 -
987448	15	10	60	35	40	102 x 100	265 -
987449	30	18	60	40	35	102 x 100	210 -
987450	36	28	50	33	25	154 x 100	367 -
987451	41	31	50	33	25	102 x 100	184.90 -
987452	60	42	50	33	20	108 x 100	132.40 -
987453	170	54	100	62	32	102 x 100	89.50 -
987454	200	47	150	92	55	102 x 100	82 -



TIP

Find the germination test papers: page 1028



Pack of filter paper, Joseph paper

Cat. No.	Description	€
074021	Pack of non-folded white filter paper 42 x 52 cm, 64 g/m² (7kg)	N/A -
074020	Pack of folded white filter paper, 42 x 52 cm, 64 g/m² (7kg)	N/A -
074029	Joseph paper 35 x 50 cm (500 sheets)	N/A -
074082	Joseph paper 15 x 15 cm (200 sheets)	N/A -
074155	Joseph paper non-folded 35 x 50 cm (800 sheets)	N/A -
074156	Joseph paper folded 35 x 50 cm (800 sheets)	N/A -
074157	Joseph paper 35 x 50 cm (40 sheets)	N/A -



Glass wool

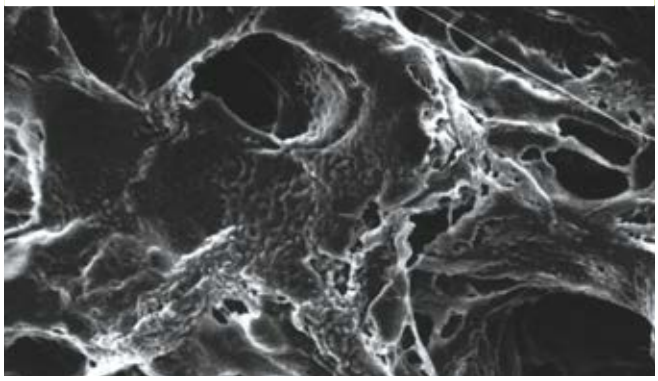
Borosilicate or extra fine glass wool string.

Cat. No.	Description	€
001765	Borosilicate glass wool string 230 g (4 bags)	N/A -
068558	Extra fine glass wool 1 kg	N/A -
068556	Extra fine glass wool 30 g	N/A -



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Mitex membrane filters



PTFE membrane without weft.
Other diameters available on request.

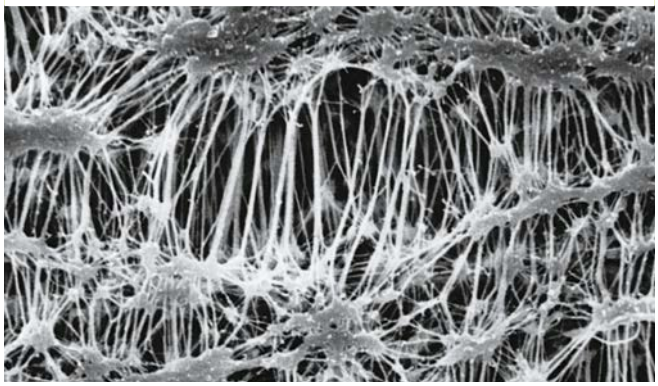
- Hydrophobic filter (made hydrophilic by wetting with methanol)
- Use up to 260 °C

Applications

- Filtration under extreme chemical and thermal conditions
- Clarification of acids, bases
- Clarification of aviation fuels
- Analysis of hydraulic fluids

ø (mm)	13 mm ø		25 mm ø		47 mm ø	
Porosity (µm)	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100
5.0	044187	N/A -	044188	N/A -	044189	N/A -
10.0	044184	N/A -	044185	N/A -	044186	N/A -

Fluoropore membrane filters



PTFE membrane bonded to a high density polyethylene support.
Other diameters available on request.

- Hydrophobic filter (made hydrophilic by wetting with methanol)
- Use up to 130 °C

Applications

- Clarification of acids, bases and solvents
- UV spectroscopy

ø (mm)	13 mm ø		25 mm ø		47 mm ø	
Porosity (µm)	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100
0.22	044173	N/A -	044174	N/A -	044175	N/A -
0.5	044179	N/A -	044180	N/A -	044181	N/A -
1	044170	N/A -	044171	N/A -	044172	N/A -
3	-	-	044182	N/A -	044183	N/A -

Isopore membrane filters



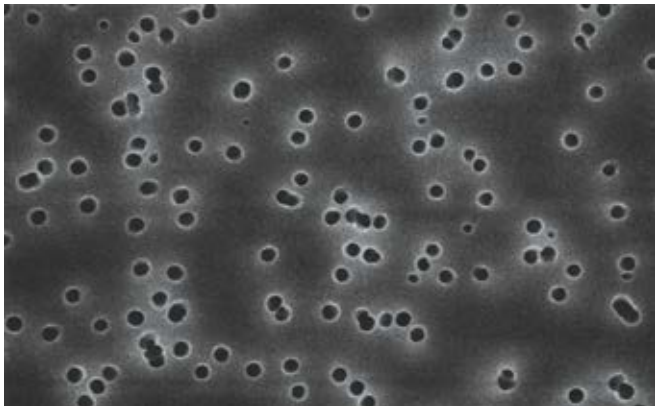
Polycarbonate membrane, translucent for microscopic observations.

- Perfectly smooth surface for easy sample observation
- Calibrated cylindrical pores
- Use up to 140 °C
- Chemical compatibility: aqueous solutions, non-polar solvents, alcohols

Applications

- Analysis of particles and cells by scanning electron microscope
- Splitting cells / particles
- Cell cultures
- Asbestos analysis
- Epifluorescence

ø (mm)	13 mm ø		25 mm ø		47 mm ø		142 mm ø	
Porosity (µm)	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 50
0.1	044218	N/A -	044219	N/A -	044220	N/A -	-	-
0.22	044200	N/A -	044201	N/A -	044202	N/A -	-	-
0.4	044206	N/A -	044207	N/A -	044208	N/A -	-	-
0.8	051623	N/A -	051624	N/A -	051626	N/A -	051627	N/A -
1.2	044209	N/A -	044210	N/A -	044211	N/A -	-	-
5	044215	N/A -	044216	N/A -	044217	N/A -	-	-
8	051628	N/A -	051296	N/A -	051452	N/A -	-	-
10	044212	N/A -	044213	N/A -	044214	N/A -	-	-



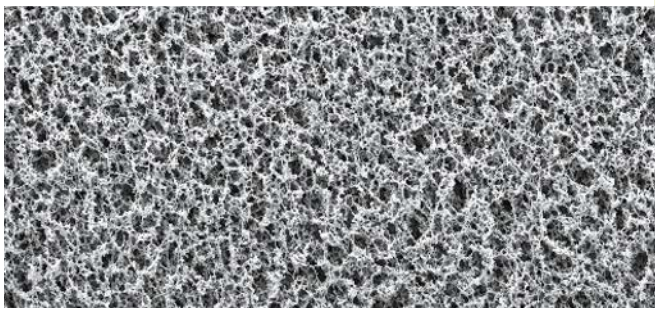
Black membranes

ø (mm)	13 mm ø		25 mm ø		47 mm ø	
Porosity (µm)	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100
0.22	044197	N/A -	044198	N/A -	044199	N/A -
0.45	044203	N/A -	044204	N/A -	044205	N/A -

Other diameters and pore sizes available on request.

MF Membrane filters

Membrane consisting of a mixture of cellulose esters (nitrate and acetate). Standard filters suitable for a wide variety of analytical and research applications.
Other diameters available on request.



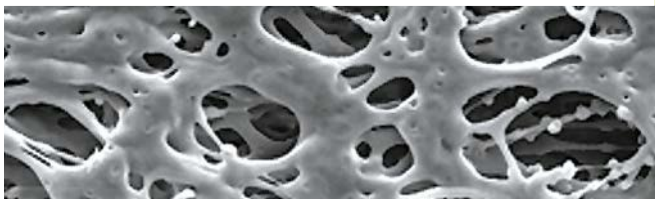
- **Autoclavable at 121 °C**
- **Recommended for use below 75 °C**
- **Chemical compatibility: aqueous solutions and non-polar solvents**
- **Available in a range of pore sizes from 0.025 µm to 8 µm**
- **Applications: clarification and sterilisation of fluids, control of particulate contamination in air, microbiological analysis**

Surface / ø (mm)	Even / ø 13 mm		Even / ø 25 mm		Squared / ø 25 mm		Even / ø 47 mm		Squared / ø 47 mm	
Porosity (µm)	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100
0.025	044145	N/A -	044146	N/A -	-	-	044147	N/A -	-	-
0.05	044142	N/A -	044143	N/A -	-	-	044144	N/A -	-	-
0.1	044139	N/A -	044140	N/A -	-	-	044141	N/A -	-	-
0.22	044119	N/A -	044120	N/A -	-	-	044121	N/A -	-	-
0.45	044124	N/A -	044125	N/A -	044122	N/A -	044126	N/A -	044123*	N/A -
0.65	044116	N/A -	044117	N/A -	-	-	044118	N/A -	-	-
0.8	044113	N/A -	044114	N/A -	044111	N/A -	044115	N/A -	044112	N/A -
1.2	044127	N/A -	044128	N/A -	-	-	044129	N/A -	-	-
3.0	044136	N/A -	044137	N/A -	-	-	044138	N/A -	-	-
5.0	044133	N/A -	044134	N/A -	-	-	044135	N/A -	-	-
8.0	044130	N/A -	044131	N/A -	-	-	044132	N/A -	-	-

*white membrane with black grid

Express® PLUS membrane filters

Polyethersulfone (PES) membrane. For ultra-fast sterilising filtration of cell culture media, additives and other aqueous solutions. Other diameters available on request.



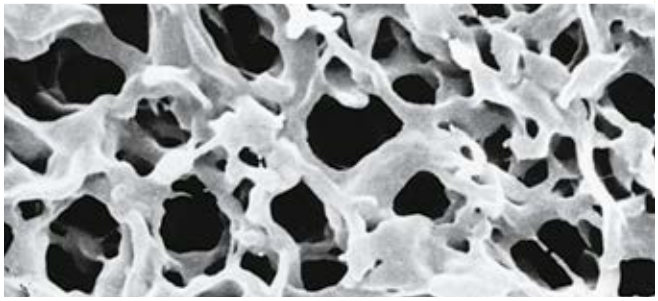
- **Very high throughput and capacity**
- **Low protein adsorption**

ø (mm)	13 mm ø		25 mm ø		47 mm ø		90 mm ø		142 mm ø	
Porosity (µm)	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 50	Cat. No.	€/ box of 50
0.22	044167	N/A -	044168	N/A -	044169	N/A -	051747	N/A -	051845	N/A -
0.45	051755	N/A -	051756	N/A -	051757	N/A -	051758	N/A -	051759	N/A -

Durapore membrane filters

Hydrophilic Durapore

Polyvinylidene fluoride (PVDF) membrane.
Other diameters and pore sizes available on request.



- **Very low protein adsorption: 4 µg/cm², significantly lower than nitrocellulose, nylon and PTFE**
- **Broad chemical compatibility**
- **Autoclavable at 121 °C**

Applications

- **Sterilising filtration of protein solutions, cell culture media, additives, antibiotics and alcohols**
- **Particle removal**
- **Biological analysis**

ø (mm)	13 mm ø		25 mm ø		47 mm ø	
Porosity (µm)	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100
0.1	044164	N/A -	044165	N/A -	044166	N/A -
0.22	044153	N/A -	044154	N/A -	044155	N/A -
0.45	044158	N/A -	044159	N/A -	044160	N/A -
0.65	044148	N/A -	044149	N/A -	044150	N/A -
5.0	044161	N/A -	044162	N/A -	044163	N/A -

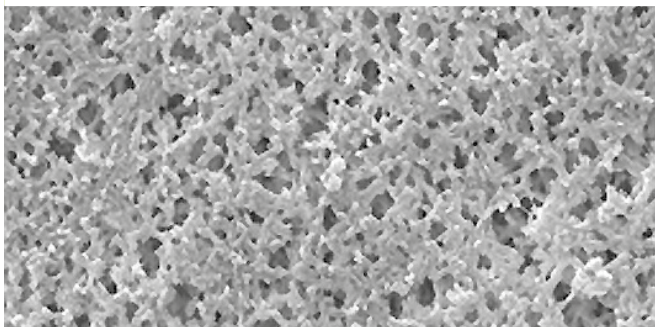
Hydrophobic Durapore

- **High protein adsorption rate: 150 µg/cm²**
- **Autoclavable at 121 °C**
- **Applications: air and gas clarification**
- **Sterilising gas filtration**

ø (mm)	25 mm ø		47 mm ø	
Porosity (µm)	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100
0.22	044151	N/A -	044152	N/A -
0.45	044156	N/A -	044157	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hydrophilic nylon membrane filters



- Hydrophilic membrane, ideal for removing particles from solvents
- Broad chemical compatibility
- Use up to 135 °C

Cat. No.	Pore size(µm)	Diameter (mm)	Units/ box	€/ box
044190	0.20	25	100	N/A -
044191		47	100	N/A -
044192	0.45	25	100	N/A -
044193		47	100	N/A -

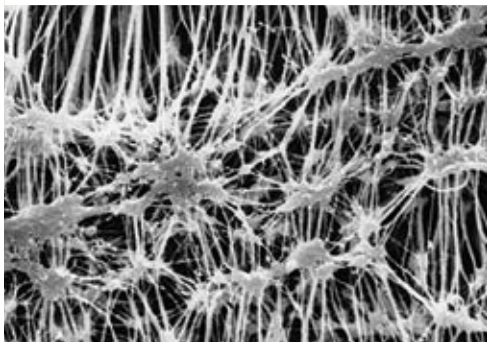
Other diameters and porosities are available on request.

LCR Membrane filters

ø (mm)	13 mm ø		25 mm ø		47 mm ø	
Porosity (µm)	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100	Cat. No.	€/ box of 100
0.45	044176	N/A -	044177	N/A -	044178	N/A -

- Hydrophilic PTFE membrane
- For the filtration of aqueous fluids without prior wetting of the membrane
- Compatible with all solvents commonly used in HPLC
- Universal filter for mobile phase filtration in HPLC

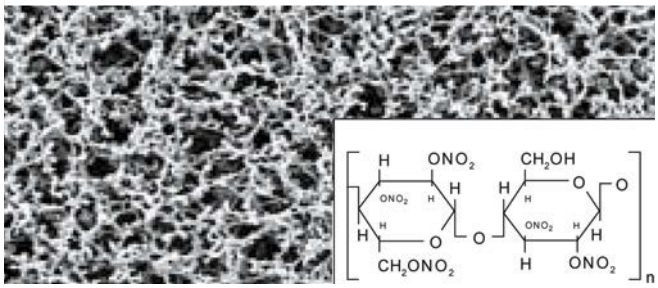
Omnipore membrane filters



- Hydrophilic PTFE membrane for all types of virtual solvents, acids and alkaline solutions (for HPLC filtration solvents use LCR membrane).

ø (mm)	13 mm ø		25 mm ø		47 mm ø		90 mm ø		142 mm ø	
Porosity (µm)	Cat. No.	€ 100 units	Cat. No.	€ 100 units	Cat. No.	€ 100 units	Cat. No.	€ 25 units	Cat. No.	€ 25 units
0.1	053806	N/A -	053807	N/A -	053808	N/A -	053809	N/A -	053810	N/A -
0.2	053791	N/A -	053792	N/A -	053793	N/A -	053794	N/A -	053795	N/A -
0.45	053796	N/A -	053797	N/A -	053798	N/A -	053799	N/A -	053800	N/A -
1	053782	N/A -	053783	N/A -	053784	N/A -	053785	N/A -	053786	N/A -
5	053801	N/A -	053802	N/A -	053803	N/A -	053804	N/A -	053805	N/A -
10	053787	N/A -	053788	N/A -	051810	N/A -	053789	N/A -	053790	N/A -

Sartorius membrane filters



- Hydrophilic membranes made of cellulose nitrate esters or cellulose acetate
- Sterile in unit packs or non-sterile
- Retention threshold: 0.2 µm ou 0.45 µm
- Diameters: 13, 25 or 47 mm / thickness: 120 - 130 µm

Membranes ø 13 mm

Cat. No.	Porosity (µm)	Membrane	Presentation	Units/ box	€/ box
146565	0.45	NC	White	100	N/A -
146599	0.2	AC	White	100	N/A -
146595	0.45	AC	White	100	N/A -

Membranes ø 25 mm

Cat. No.	Porosity (µm)	Membrane	Presentation	Units/ box	€/ box
146574	0.2	NC	White/ Black Grid	100	N/A -
146566	0.45	NC	White	100	N/A -
146569	0.45	NC	White/ Black Grid	100	N/A -
146577	0.45	NC	Black/ White Grid	100	N/A -
146581	0.45	NC	Hydrophobic edge, black grid	100	N/A -
146600	0.2	AC	White	100	N/A -
146596	0.45	AC	White	100	N/A -

Membranes ø 47 mm (AC)

		Non-sterile			Sterile		
Standard	Porosity (µm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
White	0.2	146602	100	N/A -	146601	100	N/A -
	0.45	146598	100	N/A -	146597	100	N/A -

		Non-sterile			Sterile		
Hydrophobic edge	Porosity (µm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
White/Black grid	0.2	146607	100	N/A -	146606	100	N/A -
	0.45	146605	100	N/A -	146603	100	N/A -
White/Black grid 6 mm edge	0.45	-	-	-	146604	100	N/A -

Membranes ø 47 mm (NC)

		Non-sterile			Sterile		
Standard	Porosity (µm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
White	0.45	146568	100	N/A -	146567	100	N/A -
White/Green grid	0.45	146592	100	N/A -	146590	100	N/A -
	0.45	-	-	-	146591	1000	N/A -
White/Black grid	0.2	-	-	-	146575	100	N/A -
	0.2	-	-	-	146576	1000	N/A -
	0.45	146572	100	N/A -	146571A	100	N/A -
	0.45	-	-	-	146571	1000	N/A -
Black/ White grid	0.45	146580	100	N/A -	146578	100	N/A -
	0.45	-	-	-	146579	1000	N/A -
Green/ Dark green grido.45		146589	1000	N/A -	146587	100	N/A -
	0.45	-	-	-	146588	1000	N/A -

		Non-sterile			Sterile		
Hydrophobic edge	Porosity (µm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
White/Black grid	0.45	146584	100	N/A -	146582	100	N/A -
White/Black grid 6 mm edge	0.45	146583	100	N/A -	-	-	-

Whatman™ Membrane filters

Polytetrafluoroethylene (PTFE)

- Hydrophobic membrane, resistant to organic solvents and strong acids and bases (e.g. HPLC solvent filtration)

Cat. No.	Type	Filtration threshold (µm)	Membrane	Diameter (mm)	Units/ box	€/ box
036869	TE35	0.2	PTFE	47	50	N/A -
034962	TE35	0.2	PTFE	50	50	N/A -
036871	TE36	0.45	PTFE	47	50	N/A -
037317	TE36	0.45	PTFE	50	50	N/A -
036872	TE37	1	PTFE	47	50	N/A -
036873	TE38	5	PTFE	47	50	N/A -

Regenerated cellulose (RC)

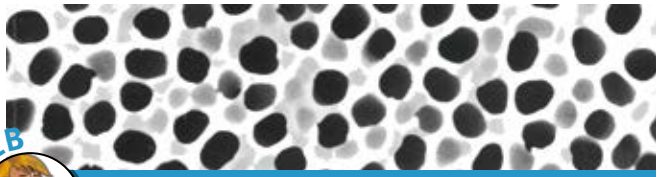
- Low protein adsorption
- Hydrophilic membrane
- Resistant to a wide variety of solvents
- Suitable for use with aqueous solutions or organic solvents
- Compatible with solvents used in HPLC

Cat. No.	Type	Filtration threshold (µm)	Membrane	Diameter (mm)	Units/ box	€/ box
034972	RC58	0.2	RC	47	100	N/A -
037178	RC58	0.2	RC	50	100	N/A -
036824	RC55	0.45	RC	47	100	N/A -
037159	RC55	0.45	RC	50	100	N/A -
036885	RC60	1	RC	47	100	N/A -

Nylon/Polyamide (NYL)

- Hydrophilic membrane
- Resistant to certain organic solvents, suitable for use with high pH samples (e.g. mobile phase filtration, buffers, etc.)

Cat. No.	Type	Filtration threshold (µm)	Membrane	Diameter (mm)	Units/ box	€/ box
036874	NL16	0.2	Polyamide	25	100	N/A -
036875	NL17	0.5	Polyamide	25	100	N/A -
036876	NL16	0.2	Polyamide	47	100	N/A -
036877	NL17	0.45	Polyamide	47	100	N/A -
037318	NL16	0.2	Polyamide	50	100	N/A -
037319	NL17	0.45	Polyamide	50	100	N/A -



WEB

Enter the reference on dulis.nl to find the chemical compatibility guide for Whatman™ membrane filters

PTFE: polytetrafluoroethylene; PNA: , Anopore™; RC: regenerated cellulose; AC: cellulose acetate; NYL: nylon/polyamide

Anopore™ (ANP)

- Low protein adsorption
- Hydrophilic membrane, excellent compatibility with organic solvents
- Extremely accurate pore size distribution, very low filtration threshold
- Ensures minimal extractables
- Virtually transparent: ideal for microscopic examinations

Cat. No.	Type	Filtration threshold (µm)	Membrane	Diameter (mm)	Units/ box	€/ box
036191	Anodisc	0.02	Anopore	25	50	N/A -
036886	Anodisc	0.1	Anopore	25	50	N/A -
036413	Anodisc	0.2	Anopore	25	50	N/A -
036188	Anodisc	0.02	Anopore	47	50	N/A -
036189	Anodisc	0.1	Anopore	47	50	N/A -
036190	Anodisc	0.2	Anopore	47	50	N/A -

Cellulose acetate (CA)

- Hydrophilic membrane, low protein adsorption (ideal for protein recovery applications)
- Limited solvent resistance

Cat. No.	Type	Filtration threshold (µm)	Membrane	Diameter (mm)	Units/ box	€/ box
036878	OE66	0.2	AC	47	100	N/A -
036879	OE67	0.45	AC	47	100	N/A -
036881	ST68	0.8	AC	47	100	N/A -
036882	ST69	1.2	AC	47	100	N/A -

Whatman™ Sterile cellulose ester membrane filters

- For microbiological controls
- Individual strip packaging, STL format, compatible with Merck Millipore and Sartorius dispensers
- Different grids and colours
- Sterilised with ethylene oxide
- Mixed cellulose esters
- Thickness: 135 µm

WEB

Enter the reference on dulis.nl to find the selection guide and the chemical chemical compatibility guide for Whatman™ membranes





STL membranes for use with dispenser

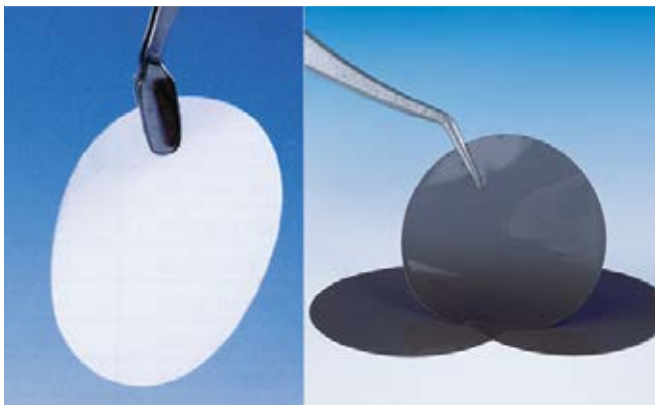
Cat. No.	Type	Filtration threshold (µm)	Membrane	Ø (mm)	Units/ box	€/ box
10407312	ME 25/21 STL	0.45	White / Black grid 3.1 mm	47	4 x 100	N/A -
10407314	ME 25/21 STL	0.45	White / Black grid 3.1 mm	50	4 x 100	N/A -
10407332	ME 25/31 STL	0.45	Black / White grid 3.1 mm	47	4 x 100	N/A -
10407334	ME 25/31 STL	0.45	Black / White grid 3.1 mm	50	4 x 100	N/A -
10407370	ME 25/41 STL	0.45	Green / Black grid 3.1 mm	47	4 x 100	N/A -
10407372	ME 25/41 STL	0.45	Green / Black grid 3.1 mm	50	4 x 100	N/A -
10408712	ME 24/21 STL	0.2	White / Black grid 3.1 mm	47	4 x 100	N/A -
10408714	ME 24/21 STL	0.2	White / Black grid 3.1 mm	50	4 x 100	N/A -
10407324	ME 25/20 STL	0.45	White / Black grid 5.0 mm	50	4 x 100	N/A -

Membrane dispenser

Cat. No.	Description	€
036900	Manual membrane dispenser	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Nuclepore™ and Cyclopore™ Whatman™ polycarbonate membrane filters



- Specific track-etch manufacturing process, leading to a very high quality polycarbonate film
- Perfectly defined pore size
- Available in a wide range of diameters and cut-off points
- Specific for Legionella application, Cat. No. 037339

Applications

- Epifluorescence
- Cytology
- Water control
- Solutions Clarification
- Cell Biology
- Control of pharmaceutical products
- Beverage control
- Air analysis
- EPA tests
- Environmental controls
- HPLC
- Fuel control
- Chemotaxis
- Parasitology



Nuclepore™ Membrane filters

Cat. No.	Porosity (µm)	Diameter (mm)	Pack unit.	Units/ box	€/ box
10417301	0.8	13	100	100	N/A -
110605N	0.1	25	100	100	N/A -
10417006	0.2	25	100	100	N/A -
10417106	0.4	25	100	100	N/A -
10417306	0.8	25	100	100	N/A -
10417506	8	25	100	100	N/A -
111103N	0.05	47	100	100	N/A -
10417012	0.2	47	100	100	N/A -
037339*	0.4	47	100	100	N/A -
10417312	0.8	47	100	100	N/A -
111111N	2	47	100	100	N/A -
10417412	5	47	100	100	N/A -
10417014	0.2	50	100	100	N/A -
10417114	0.4	50	100	100	N/A -
111216N	12	50	100	100	N/A -

* Legionella special

Nuclepore™ Black polycarbonate membrane filters

- Fine uniformity and homogeneity of the pores achieved by the Track-Etch technique
- Black for fluorescent markings

Cat. No.	Porosity (µm)	Diameter (mm)	Pack unit.	Units/ box	€/ box
110656N	0.2	25	100	100	N/A -

Cyclopore™ polycarbonate membrane filters

- Polycarbonate filtration membranes
- Thicker than Nuclepore membranes
- Autoclavable
- Thickness: 7 - 20 µm
- Hydrophiles

Cat. No.	Porosity (µm)	Diameter (mm)	Units/ box	€/ box
10417606	0.2	25	100	N/A -
036200	0.4	25	100	N/A -
036201	5	25	100	N/A -
10417612	0.2	47	100	N/A -
036205	1	47	100	N/A -
036206	5	47	100	N/A -
036207	12	47	100	N/A -

IpPORE polycarbonate membrane filters



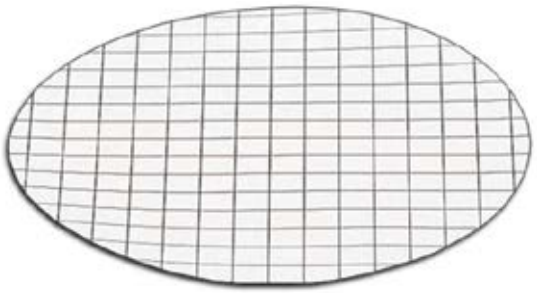


- Filtration thresholds from 0.05 µm to 12 µm
- Diameter 13, 25, 37, 47 and 80 mm
- Non-sterile

	13 mm ø		25 mm ø		37 mm ø		47 mm ø		80 mm ø	
Filtration threshold	Cat. No.	€ 100 units	Cat. No.	€ 100 units	Cat. No.	€ 100 units	Cat. No.	€ 100 units	Cat. No.	€ 20 units
0.05 µm	-	-	321000	N/A -	-	-	321013	N/A -	-	-
0.1 µm	321029	N/A -	321001	N/A -	-	-	321014	N/A -	321041	N/A -
0.2 µm	321030	N/A -	321002	N/A -	321026	N/A -	321015	N/A -	321042	N/A -
0.4 µm	321031	N/A -	321003	N/A -	321027	N/A -	321016	N/A -	321043	N/A -
0.6 µm	321032	N/A -	321004	N/A -	-	-	321053	N/A -	321044	N/A -
0.8 µm	321033	N/A -	321005	N/A -	321028	N/A -	321018	N/A -	321045	N/A -
1 µm	321034	N/A -	321006	N/A -	-	-	321019	N/A -	321046	N/A -
2 µm	321035	N/A -	321007	N/A -	-	-	321020	N/A -	321047	N/A -
3 µm	321036	N/A -	321008	N/A -	-	-	321021	N/A -	321048	N/A -
5 µm	321037	N/A -	321009	N/A -	-	-	321022	N/A -	321049	N/A -
8 µm	321038	N/A -	321010	N/A -	-	-	321023	N/A -	321050	N/A -
10 µm	321039	N/A -	321011	N/A -	-	-	321024	N/A -	321051	N/A -
12 µm	321040	N/A -	321012	N/A -	-	-	321025	N/A -	321052	N/A -

Economical, sterile, gridded membrane filters

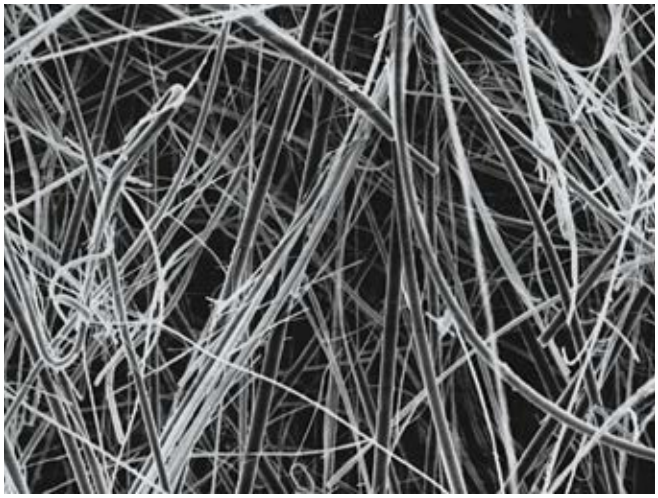
- In a mixture of cellulose esters (cellulose acetate and cellulose nitrate)
- Hydrophilic and biologically inert membranes
- Sterile, individual packaging



Cat. No.	Pore size (µm)	Colours	Grid	ø (mm)	Units/ box	€/ box
010362C	0.45	White	Black	47	100	N/A -
175071	0.45	Black	White	47	100	N/A -

Merck Millipore Glass microfibre filter papers

- For pre-filtration to protect a microfiltration membrane when filtering clogging solutions
- High particle retention capacity throughout the thickness
- AP15, AP20, AP25 with acrylic resin bonding to prevent the release of fibres during filtration
- AP40 is free of binders, complies with analytical standards such as determination of suspended solids in water, air analysis



Type AP15: nominal retention 0.8 µm

Cat. No.	Diameter (mm)	Units/ box	€/ box
044221	25	100	N/A -
044222	47	100	N/A -

Type AP20: nominal retention 1 µm

Cat. No.	Diameter (mm)	Units/ box	€/ box
044223	13	100	N/A -
044224	25	100	N/A -
044225	47	100	N/A -

Type AP25: nominal retention 2 µm
(3 times thicker than type AP20)

Cat. No.	Diameter (mm)	Units/ box	€/ box
044226	13	100	N/A -
044227	25	100	N/A -
044228	47	100	N/A -

Type AP40: nominal retention 0.8 µm
(Without binder, for analytical applications)

Cat. No.	Diameter (mm)	Units/ box	€/ box
044229	47	500	N/A -

Other sizes are available on request.

Forceps for membrane filters

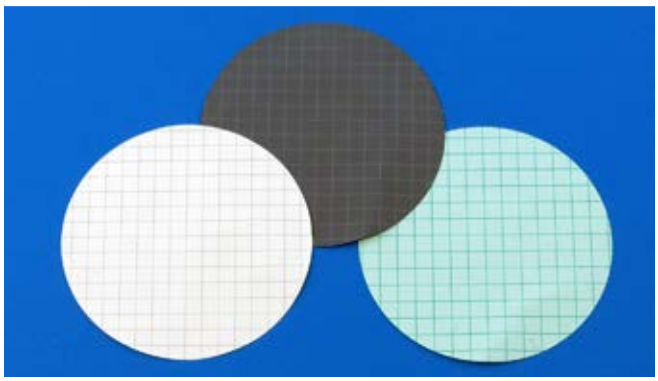
- For handling membrane filters
- Polished stainless steel forceps with flat rounded tips
- Sterilisable in autoclave or by flaming after soaking in alcohol
- Sold in packs of 3: anise green, turquoise blue and fuchsia pink



Cat. No.	Description	€ pack of 3
051000	Flat-tipped forceps, set of 3 assorted colours	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Filtres membrane ClearLine® mixed cellulose esters (MCE) membrane filters



- Mixture of cellulose acetate and cellulose nitrate
- Hydrophilic, biologically inert membranes with high absorption and retention
- Uniform micro-structure for easy particle detection

Sterile membranes, squared, Ø 47 mm

Colours	Black	
Grid	White	
Porosity (µm)	Cat. No.	€ 100 units
0.22	-	-
0.45	175071	N/A -

White, non-sterile membranes

	Ø 25 mm		Ø 47 mm	
Porosity (µm)	Cat. No.	€ 100 units	Cat. No.	€ 100 units
0.22	-	-	175059B*	N/A -
0.45	175052	N/A -	175060	N/A -
0.65	175053	N/A -	175061	N/A -
0.8	175054	N/A -	175062	N/A -
1.2	-	-	175063	N/A -
3	-	-	175064	N/A -
5	-	-	175065	N/A -
8	-	-	175066	N/A -

* Packaging x 200

ClearLine® PES membrane filters



- Polyethersulfone (PES) compounds
- Asymmetric pore structure: very high flow rate
- Low protein content

White, non-sterile membranes

	Ø 25 mm		Ø 47 mm	
Porosity (µm)	Cat. No.	€ 100 units	Cat. No.	€ 100 units
0.22	175039	N/A -	175041B*	N/A -
0.45	175040	N/A -	175042	N/A -

* Packaging x 200

ClearLine® PTFE membrane filters



- Made of polytetrafluoroethylene (PTFE) laminated with a layer of PP
- Naturally hydrophobic, are used in air and gas filtration
- High thermal and chemical resistance
- For the filtration of aqueous solutions, it is necessary to pre-wet them with ethanol or methanol

White, non-sterile membranes

	Ø 25 mm		Ø 47 mm	
Porosity (µm)	Cat. No.	€ 100 units	Cat. No.	€ 100 units
0.22	175035B*	N/A -	175037	N/A -
0.45	175036	N/A -	175038	N/A -

* Packaging x 200

ClearLine® Nylon membrane filters



- Polyamide membranes (NYL)
- Naturally hydrophilic, chemically resistant to alkaline solutions and organic solvents
- Asymmetric pore structure: very high flow rate
- Very good thermal stability

White, non-sterile membranes

	Ø 25 mm		Ø 47 mm	
Porosity (µm)	Cat. No.	€ 100 units	Cat. No.	€ 100 units
0.22	175045	N/A -	175047	N/A -
0.45	175046	N/A -	175048	N/A -

ClearLine® Qualitative filter papers

- Standard range for qualitative analysis
- Suitable for rapid filtration of large particles and gelatinous precipitates
- Made of cellulose fibre
- Retention rate: 10 - 12 µm
- Weight: 85 g/m²
- Thickness: 200 µm
- Ash content: 0.06 %
- Other Dimensions on request



	Grade 304		
Diameter (mm)	Cat. No.	Units/ box	€/ box
90	442423	100	N/A -
100	442424	100	N/A -
110	442425	100	N/A -
125	442426	100	N/A -
150	442427	100	N/A -
185	442428	100	N/A -

ClearLine® Quantitative filter papers

- Standard range for quantitative analysis
- Made of cellulose fibre
- Ash content: 0.002 %
- Other Dimensions on request



	Grade 351		Grade 352		Grade 354	
Filtration speed	Slow		Medium		Fast	
Porosity (µm)	7 - 9		8 - 12		12 - 16	
Weight (g/m²)	80		80		80	
Thickness (µm)	290		290		250	
Diameter (mm)	Cat. No.	€ 100 units	Cat. No.	€ 100 units	Cat. No.	€ 100 units
90	442439	N/A -	442429	N/A -	442434	N/A -
110	442440	N/A -	442430	N/A -	442435	N/A -
125	442441	N/A -	442431	N/A -	442436	N/A -
150	442442	N/A -	442432	N/A -	442437	N/A -
185	442443	N/A -	442433	N/A -	442438	N/A -

ClearLine® Glass microfibre filter papers

- Made from 100% pure borosilicate glass
- For qualitative analysis
- Withstands up to + 380 °C
- Fast flow
- Retention rate: 1.2 µm
- Weight: 55 g/m²
- Thickness: 270 µm



Cat. No.	Description	€ 100 units
442444	Glass microfiber filter paper grade 50 C Ø 47 mm	N/A -
442445	Glass microfiber filter paper grade 50 C Ø 90 mm	N/A -

ClearLine® Cellulose membrane filters



Cat. No.	Material	Ø (mm)	Porosity (µm)	Sterile	Gridded	€ 100 units
442446	Cellulose nitrate	47	0.45	Yes	Yes	N/A -
442447	Cellulose acetate	47	0.45	No	No	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Whatman™ Glass fibre filter papers



100% binder-free glass fibre filters.

- With high loading capacity and retention of very fine to sub-micron particles
- Can be used down to 500 °C
- Applications: air filtration and gravimetric analysis of volatile materials in explosive atmospheres
- GMF 150 filters: multi-layer glass microfibre filters with a loose top layer (10 µm) upstream of a thin layer of 1 or 2 µm. Ideal pre-filter for high load capacities in connection with fast filter speeds
- QM-A quartz fibre filters: made of high purity quartz microfibre (SiO_2); high temperature resistance

Grade	Retention range (µm)	Air flow (s/100 mL/in²)	Weight (g/m²)	Thickness (µm)	
Glass fibre filters					
GF/A	1.6	4.3	53	260	➤Standard use filter ➤Suspended solids ➤Algae filtration, bacterial cultures ➤Atmospheric control
GF/B	1	12	143	675	➤Thicker than GF/A: better moisture resistance, better load capacity
GF/C™	1.2	6.7	53	260	➤Recommended for standard suspended solids dosing processes ➤Cell collection, liquid scintillography ➤Binders analysis
GF/D	2.7	2.2	121	675	➤Membrane pre-filter - high loading capacity
GF/F	0.7	19	75	420	➤Excellent retention, filtration of fine particles ➤DNA purification ➤Dissolution tests
934-AH	1.5	3.7	64	435	➤Smooth surface and temperature resistance up to 550 °C ➤Environmental analysis ➤Air and water pollution ➤Cell harvesting ➤Liquid scintillation counting
Glass fibre filters					
GMF 150 - 1 µm	1.2	3.1	139	730	➤Multi-layer filter with progressive retention from 10 µm to 1.2 µm
GMF 150 - 2 µm	2.4	1.5	149	750	➤Multi-layer filter with progressive retention from 10 µm to 2.4 µm
Quartz fibre filters					
QM-A™	2.2	6.4	85	450	➤Air, acid gases, stacks, ducts and aerosols sampling

Standard grades

	GF/A			GF/B			GF/C™			GF/D			GF/F		
Dim. (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
ø 21	036281	100	N/A -	036461	100	N/A -	036311	100	N/A -	036465	100	N/A -	036470	100	N/A -
ø 24	036282	100	N/A -	036298	100	N/A -	036312	100	N/A -	036466	100	N/A -	036333	100	N/A -
ø 25	036283	100	N/A -	036299	100	N/A -	036313	100	N/A -	036325	100	N/A -	036334	100	N/A -
ø 37	036284	100	N/A -	036300	100	N/A -	036463	100	N/A -	-	-	-	036471	100	N/A -
ø 42.5	036285	100	N/A -	036301	100	N/A -	036314	100	N/A -	036467	100	N/A -	036335	100	N/A -
ø 47	036286	100	N/A -	036302	100	N/A -	036315	100	N/A -	036326	100	N/A -	036336	100	N/A -
ø 55	036288	100	N/A -	036303	100	N/A -	036317	100	N/A -	036468	100	N/A -	036337	100	N/A -
ø 70	036291	100	N/A -	036304	100	N/A -	036318	100	N/A -	036327	100	N/A -	036338	100	N/A -
ø 90	036292	100	N/A -	036305	25	N/A -	036319	100	N/A -	036328	25	N/A -	036339	25	N/A -
ø 110	036293	100	N/A -	036306	25	N/A -	036320	100	N/A -	036329	25	N/A -	036416	25	N/A -
ø 125	036294	100	N/A -	036307	25	N/A -	036321	100	N/A -	036330	25	N/A -	036417	25	N/A -
ø 150	036295	100	N/A -	036308	25	N/A -	036322	100	N/A -	036331	25	N/A -	036418	25	N/A -
ø 257	-	-	-	-	-	-	-	-	-	036332	25	N/A -	036419	25	N/A -
460 x 570*	-	-	-	036462	5	N/A -	-	-	-	-	-	-	-	-	-
460 x 570**	036297	25	N/A -	036310	25	N/A -	036324	25	N/A -	036469	25	N/A -	-	-	-

* 5 per box ** 25 per box



Enter the reference on dulis.nl to find the chemical compatibility guide for Whatman™ membrane filters

Whatman™ Glass fibre filter papers (continued)







WEB

Enter the reference on dulis.nl to find the chemical compatibility guide for Whatman™ membrane filters

		GMF 150 (1 µm)		GMF 150 (2 µm)		QM-A		934-AH™	
Dimensions (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
ø 21	100	-	-	-	-	-	-	036482	N/A -
ø 24	100	-	-	-	-	-	-	036421	N/A -
ø 25	100	-	-	-	-	036428	N/A -	036483	N/A -
ø 32	100	-	-	-	-	-	-	036484	N/A -
ø 35	100	-	-	-	-	-	-	036485	N/A -
ø 37	100	-	-	-	-	036429	N/A -	036486	N/A -
ø 42.5	100	-	-	-	-	-	-	036487	N/A -
ø 47	100	036472**	N/A -	036474	N/A -	036430	N/A -	036422	N/A -
ø 55	100	-	-	-	-	698026	N/A -	036423	N/A -
ø 70	100	-	-	-	-	-	-	036424	N/A -
ø 90	100	036473*	N/A -	036475	N/A -	698027	N/A -	036425	N/A -
ø 110	100	-	-	-	-	-	-	036426	N/A -
ø 125	100	-	-	-	-	-	-	036427	N/A -
ø 142	50	-	-	-	-	-	-	-	-
ø 150	100	-	-	-	-	-	-	036488	N/A -
8"x10"	100	-	-	-	-	036480	N/A -	-	-
8" x 10" (pre-numbered)	25	-	-	-	-	036431	N/A -	-	-
8" x 10" (pre-numbered)	100	-	-	-	-	-	-	036490	N/A -

- QM-A: quartz fibre for applications up to 500 °C
- 934-AH: for suspended solids analysis
- GMF150: multi-layer for highly charged liquid applications

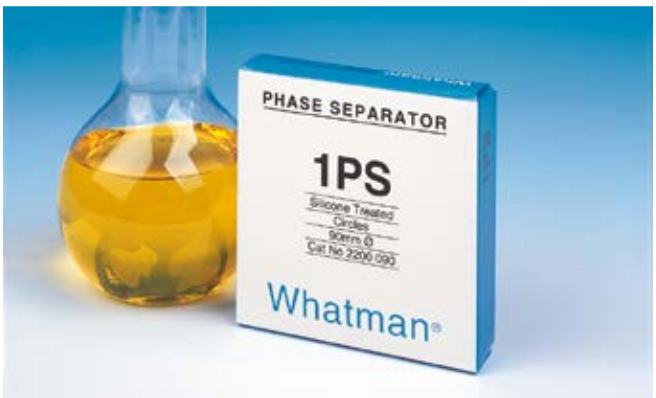
*: 20 per box
**: 40 per box

FILTRATION

1PS Whatman™ phase separator papers

Hydrophobic filter paper retaining aqueous phases and allowing organic phases to pass without any trace of aqueous phase. Ideal replacement for conventional decanter bulbs. Very practical when extracting solvents in a battery.

Cat. No.	Diameter (mm)	€ 100 units
036911	70	N/A -
2200090	90	N/A -
2200110	110	N/A -
2200125	125	N/A -
2200150	150	N/A -
2200185	185	N/A -
2200240	240	N/A -
2200270	270	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Whatman™ Quality filter papers

Cellulose filters made from high quality cotton wool. Qualitative filters are used in qualitative analysis techniques to determine and identify substances. Some grades are reinforced with a stable resin making them resistant to moisture



Grade (flat)	Filtration speed/ aspect	Retention (µm)	Thickness (µm)	Weight (g/m²)	Folded grade
Standard qualitative filters (flat or folded)					
1	Medium	11	180	87	1 V
2	Medium	8	190	97	2 V
3	Medium	6	390	185	-
4	Fast	25	210	92	4 V
5	Slow	2.5	200	100	
-	Slow	2.5	200	92	5 V
6	Medium to slow	3	180	100	-
595	Medium to fast - fine	4 - 7	150	68	$595^{1/2}$
597	Medium to fast	4 - 7	180	85	$597^{1/2}$
602h	Slow	‹ 2	160	84	$602^{1/2}$
Qualitative filters resistant to moisture (flat or folded)					
91	Creped, Medium	10	205	65	-
93	Medium	10	145	65	-
113	Creped, Fast	30	420	125	113 V
114	Fast	25	190	75	114 V
1573	Slow	‹ 2	140	92	$1573^{1/2}$

Qualitative, standard

Ø (mm)	Units/ box	Grade 1 Cat. No.	Grade 1 €/ box	Grade 2 Cat. No.	Grade 2 €/ box	Grade 3 Cat. No.	Grade 3 €/ box	Grade 4 Cat. No.	Grade 4 €/ box	Grade 5 Cat. No.	Grade 5 €/ box	Grade 6 Cat. No.	Grade 6 €/ box
10	500	10016508	N/A -	-	-	-	-	-	-	-	-	-	-
23	100	-	-	-	-	1003323	N/A -	-	-	-	-	-	-
25	100	1001325	N/A -	-	-	-	-	-	-	1005325	N/A -	-	-
30	100	1001329	N/A -	-	-	-	-	-	-	-	-	-	-
32	100	1001032	N/A -	-	-	-	-	-	-	-	-	-	-
42.5	100	1001042	N/A -	1002042	N/A -	-	-	1004042	N/A -	1005042	N/A -	1006042	N/A -
47	100	1001047	N/A -	1002-047	N/A -	-	-	1004047	N/A -	1005047	N/A -	-	-
55	100	1001055	N/A -	1002055	N/A -	1003055	N/A -	1004055	N/A -	1005055	N/A -	-	-
70	100	1001070	N/A -	1002070	N/A -	1003070	N/A -	1004070	N/A -	1005070	N/A -	1006070	N/A -
85	100	1001085	N/A -	-	-	-	-	-	-	-	-	-	-
90	100	1001090	N/A -	1002090	N/A -	1003090	N/A -	1004090	N/A -	1005090	N/A -	1006090	N/A -
110	100	1001110	N/A -	1002110	N/A -	1003110	N/A -	1004110	N/A -	1005110	N/A -	1006110	N/A -
125	100	1001125	N/A -	1002125	N/A -	1003125	N/A -	1004125	N/A -	1005125	N/A -	1006125	N/A -
150	100	1001150	N/A -	1002150	N/A -	1003150	N/A -	1004150	N/A -	1005150	N/A -	1006150	N/A -
185	100	1001185	N/A -	1002185	N/A -	1003185	N/A -	1004185	N/A -	-	-	1006185	N/A -
240	100	1001240	N/A -	1002240	N/A -	1003240	N/A -	1004240	N/A -	-	-	1006240	N/A -
L x W = 460 x 570	100	1001917	N/A -	1002917	N/A -	1003917	N/A -	1004917	N/A -	-	-	-	-

Qualitative, wetting resistant

Ø (mm)	Grade 91 Cat. No.	Grade 91 Units/ box	Grade 91 €/ box	Student grade/Grade 93 Cat. No.	Student grade/Grade 93 Units/ box	Student grade/Grade 93 €/ box	Grade 113 Cat. No.	Grade 113 Units/ box	Grade 113 €/ box	Grade 114 Cat. No.	Grade 114 Units/ box	Grade 114 €/ box
90	-	-	-	-	-	-	1113090	100	N/A -	1114090	100	N/A -
110	-	-	-	1093110	100	N/A -	-	-	-	-	-	-
110	1091110	4000	N/A -	1093111	1250	N/A -	1113110	100	N/A -	-	-	-
125	1091125	4000	N/A -	1093126	50	N/A -	1113125	100	N/A -	1114125	100	N/A -
150	1091150	1000	N/A -	-	-	-	1113150	100	N/A -	1114150	100	N/A -
185	1091185	1000	N/A -	-	-	-	1113185	100	N/A -	1114185	100	N/A -
240	1091240	1000	N/A -	-	-	-	1113240	100	N/A -	1114240	100	N/A -
320	-	-	-	-	-	-	1113320	100	N/A -	-	-	-
400	-	-	-	-	-	-	-	-	-	1114400	100	N/A -

Qualitative, standard folded and wet strengthened

Time saving thanks to the folded format:

- it is no longer necessary to fold the filters in four;
- Greater filtration area;
- maintains the filter's filtration speed: no premature clogging;
- Folding without affecting the technical characteristics of the filter.



Ø (mm)	Units/ box	Grade 1 V Cat. No.	Grade 1 V €/ box	Grade 2V Cat. No.	Grade 2V €/ box	Grade 4V Cat. No.	Grade 4V €/ box	Grade 113V Cat. No.	Grade 113V €/ box	Grade 114 V Cat. No.	Grade 114 V €/ box
125	100	698020	N/A -	1202125	N/A -	698014	N/A -	1213125	N/A -	1214125	N/A -
150	100	698021	N/A -	1202150	N/A -	698015	N/A -	1213150	N/A -	1214150	N/A -
185	100	698022	N/A -	1202185	N/A -	698016	N/A -	1213185	N/A -	1214185	N/A -
240	100	698023	N/A -	1202240	N/A -	698017	N/A -	1213240	N/A -	1214240	N/A -
270	100	698024	N/A -	1202270	N/A -	698018	N/A -	1213270	N/A -	-	-
320	100	698025	N/A -	1202320	N/A -	698019	N/A -	1213320	N/A -	1214320	N/A -
385	100	-	-	1202385	N/A -	-	-	-	-	-	-
400	100	-	-	1202400	N/A -	-	-	-	-	-	-
500	100	-	-	1202500	N/A -	-	-	1213500	N/A -	-	-

Ø (mm)	Units/ box	Grade $595^{1/2}$ Cat. No.	Grade $595^{1/2}$ €/ box	Grade $597^{1/2}$ Cat. No.	Grade $597^{1/2}$ €/ box	Grade $602^{1/2}$ Cat. No.	Grade $602^{1/2}$ €/ box	Grade $1573^{1/2}$ Cat. No.	Grade $1573^{1/2}$ €/ box
70	100	673406	N/A -	-	-	-	-	-	-
90	100	036991	N/A -	10311842	N/A -	-	-	-	-
110	100	036952	N/A -	037310	N/A -	-	-	-	-
125	100	037193	N/A -	036976	N/A -	037312	N/A -	037314	N/A -
150	100	036958	N/A -	673407	N/A -	037313	N/A -	037216	N/A -
185	100	10311647	N/A -	036852	N/A -	10312647	N/A -	037315	N/A -
240	100	10311651	N/A -	036944	N/A -	-	-	-	-

Whatman™ Quantitative filter papers





Standard quality, ashless

- Produced from high quality cotton fibres in dust controlled rooms
- High purity filter for a wide range of critical applications
- 0.007% ash maximum

High quality, low ash content

- Strong acid treatment for better chemical resistance and after wetting resistance
- Smooth and resistant surface for precipitate recovery
- 0.015% ash maximum

High quality, ashless

- Acid treatment for better resistance after wetting in combination with a very low ash residue
- Smooth and resistant surface for a wide variety of manipulations
- 0.006% ash maximum

Grade (flat)	Filtration speed	Retention (µm)	Thickness (µm)	Weight (g/m²)
Quantitative ashless filters (rate ‹ 0.007 %)				
40	Medium	8	210	95
41	Fast	20-25	220	85
42	Slow	2.5	200	100
43	Medium to Fast	16	220	95
44	Slow to medium	3	180	80
Hardened quantitative filters with low ash content (rate ‹ 0.015 %)				
50	Slow	2.7	115	97
52	Medium	7	175	101
54	Very fast	20-25	185	92
Quantitative hardened ashless filters (rate ‹ 0.006 %)				
540	Medium	8	160	88
541	Fast	20-25	155	82
542	Slow	2.7	150	93

Quantitative, ashless

		Grade 40		Grade 41		Grade 42		Grade 43		Grade 44	
Dimensions (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
ø 30	100	1440329	N/A -	-	-	-	-	-	-	-	-
ø 42.5	100	1440042	N/A -	1441042	N/A -	1442042	N/A -	-	-	-	-
ø 47	100	1440047	N/A -	1441047	N/A -	1442047	N/A -	-	-	-	-
ø 55	100	1440055	N/A -	1441055	N/A -	1442055	N/A -	-	-	-	-
ø 70	100	1440070	N/A -	1441070	N/A -	1442070	N/A -	-	-	1444070	N/A -
ø 90	100	1440090	N/A -	1441090	N/A -	1442090	N/A -	1443090	N/A -	1444090	N/A -
ø 110	100	1440110	N/A -	1441110	N/A -	1442110	N/A -	1443110	N/A -	1444110	N/A -
ø 125	100	1440125	N/A -	1441125	N/A -	1442125	N/A -	1443125	N/A -	1444125	N/A -
ø 150	100	1440150	N/A -	1441150	N/A -	1442150	N/A -	1443150	N/A -	1444150	N/A -
ø 185	100	1440185	N/A -	1441185	N/A -	1442185	N/A -	1443185	N/A -	1444185	N/A -
ø 240	100	1440240	N/A -	1441240	N/A -	1442240	N/A -	-	-	-	-
ø 320	100	-	-	1441320	N/A -	1442320	N/A -	-	-	-	-
8"x 10"	100	-	-	1441866	N/A -	-	-	-	-	-	-
460 x 570	100	1440917	N/A -	1441917	N/A -	-	-	-	-	-	-

Quantitative, reinforced low-ash and ash-free

		Reinforced low ash						Reinforced without ash					
		Grade 50		Grade 52		Grade 54		Grade 540		Grade 541		Grade 542	
Dimensions (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
ø 24	100	-	-	-	-	-	-	1540324	N/A -	-	-	-	-
ø 42.5	100	1450042	N/A -	-	-	-	-	1540042	N/A -	1541042	N/A -	-	-
ø 47	100	-	-	-	-	-	-	-	-	1541047	N/A -	-	-
ø 55	100	1450055	N/A -	-	-	1454055	N/A -	1540055	N/A -	1541055	N/A -	1542055	N/A -
ø 70	100	1450070	N/A -	-	-	1454070	N/A -	-	-	1541070	N/A -	1542070	N/A -
ø 90	100	1450090	N/A -	1452090	N/A -	1454090	N/A -	1540090	N/A -	1541090	N/A -	1542090	N/A -
ø 110	100	1450110	N/A -	1452110	N/A -	1454110	N/A -	1540110	N/A -	1541110	N/A -	1542110	N/A -
ø 125	100	1450125	N/A -	1452125	N/A -	1454125	N/A -	1540125	N/A -	1541125	N/A -	1542125	N/A -
ø 150	100	1450150	N/A -	1452150	N/A -	1454150	N/A -	1540150	N/A -	1541150	N/A -	1542150	N/A -
ø 185	100	1450185	N/A -	-	-	1454185	N/A -	1540185	N/A -	1541185	N/A -	1542185	N/A -
ø 240	100	1450240	N/A -	1452240	N/A -	1454240	N/A -	1540240	N/A -	1541240	N/A -	1542240	N/A -
ø 320	100	1450320	N/A -	-	-	1454320	N/A -	-	-	1541320	N/A -	-	-
500	100	-	-	-	-	1454500	N/A -	-	-	-	-	-	-
Surface cleaning	100	1450993	N/A -	-	-	-	-	-	-	-	-	-	-
460 x 570	100	-	-	-	-	1454917	N/A -	-	-	1541917	N/A -	-	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

1PS phase separator papers



Cat. No.	ø (mm)	€ 100 units
036911B	70	N/A -
2200090B	90	N/A -
2200110B	110	N/A -
2200125B	125	N/A -
2200150B	150	N/A -
2200185B	185	N/A -
2200240B	240	N/A -
2200270B	270	N/A -

Antibiotic discs



- Cellulose discs for anti-biograms
- Diameter: 6, 9 or 12 mm

Cat. No.	Description	Units/ box	€/ box
074074	Antibiotic disc 6 mm	1000	N/A -
074113	Antibiotic disc 9 mm	1000	N/A -
074114	Antibiotic disc 13 mm	1000	N/A -
175100	Antibiotic disc 25 mm	1000	N/A -

AHLSTROM MUNKSJÖ

Glass fibre filter papers



- 100% borosilicate glass fibre and free of binders
- Very fine fibres particularly suitable for microfiltration
- Various applications (water filtration, algae, solvents, HPLC samples, proteins, purifications, ligand binding tests, suspended matter, cell harvesting)
- Excellent particle retention (pore sizes 0.7 µm to 2.7 µm)
- High load capacity
- Very high chemical purity (manufactured with demineralised water)
- Non-hygroscopic and biologically inert
- Chemical resistance to most solvents and reagents (except hydrofluoric acid)
- Temperature resistant up to 500 °C

Grade	Retention range (µm)	Weight (g/m²)	Thickness (mm)	Filtration speed (Herzberg)
259	1.6	52	0.26	60
260	1	143	0.70	200
261	1.2	52	0.26	100
262	2.7	120	0.53	30
263	0.7	75	0.45	310
264	1.5	65	0.28	60

	Grade 259			Grade 260			Grade 261			Grade 262			Grade 263			Grade 264		
Ø (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
21	036281B	100	N/A -	-	-	-	036311B	100	N/A -	036465B	50	N/A -	036470B	100	N/A -	036482B	100	N/A -
24	036282B	100	N/A -	036298B	100	N/A -	036312B	100	N/A -	036466B	50	N/A -	036333B	100	N/A -	036421B	100	N/A -
25	036283B	100	N/A -	036299B	100	N/A -	036313B	100	N/A -	036325B	50	N/A -	036334B	100	N/A -	036483B	100	N/A -
37	036284B	100	N/A -	-	-	-	036463B	100	N/A -	-	-	-	036471B	100	N/A -	036486B	100	N/A -
42.5	036285B	100	N/A -	036301B	100	N/A -	036314B	100	N/A -	036467B	50	N/A -	036335B	100	N/A -	036487B	100	N/A -
47	036286B	100	N/A -	036302B	100	N/A -	036315B	100	N/A -	036326B	50	N/A -	036336B	100	N/A -	036422B	100	N/A -
55	036288B	100	N/A -	036303B	100	N/A -	036317B	100	N/A -	036468B	50	N/A -	036337B	100	N/A -	036423B	100	N/A -
70	036291B	100	N/A -	036304B	100	N/A -	036318B	100	N/A -	036327B	50	N/A -	036338B	100	N/A -	036424B	100	N/A -
90	036292B	100	N/A -	036305C	50	N/A -	036319B	100	N/A -	036328B	25	N/A -	036339B	25	N/A -	036425B	100	N/A -
110	036293B	100	N/A -	036306B	25	N/A -	036320B	100	N/A -	036329B	25	N/A -	036416B	25	N/A -	036426B	100	N/A -
125	036294B	100	N/A -	036307B	25	N/A -	036321B	100	N/A -	036330B	25	N/A -	036417B	25	N/A -	036427B	100	N/A -
150	036295B	100	N/A -	036308B	25	N/A -	036322B	100	N/A -	036331B	25	N/A -	036418B	25	N/A -	036488B	100	N/A -

Phase separator papers grade 902

- Hydrophobic
- Silicone impregnated
- Allow the organic phase to pass through, and retain the aqueous phase and solid components

Grade	Weight (g/m²)	Thickness (mm)	Filtration speed (DIN 53137)
902	85	0.17	25

Cat. No.	Ø (mm)	€ 100 units
036911B	70	N/A -
2200090B	55	N/A -
2200110B	110	N/A -
2200125B	125	N/A -
2200150B	150	N/A -
2200185B	185	N/A -
2200240B	240	N/A -
2200270B	270	N/A -

Standard filter papers

AHLSTROM MUNKSJO

Grade	Applications	Aspect	Filtration speed	Retention range (µm)	Weight (g/m²)	Thickness (mm)	Filtration speed (DIN 53137)
122 (flat or folded)	General laboratory work	Smooth	Fast	17-30	73	0.17	22
601	Analytical work	Smooth	Medium	5-13	73	0.16	88
304	General laboratory work	Creped	Slow	40	120	0.35	11

	Grade 601			Grade 304			Grade 122 (flat)			Grade 122 (folded)		
Dim. (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
Ø 42.5	1001042B	100	N/A -	-	-	-	-	-	-	-	-	-
Ø 47	1001047B	100	N/A -	-	-	-	-	-	-	-	-	-
Ø 55	1001055B	100	N/A -	-	-	-	-	-	-	-	-	-
Ø 70	1001070B	100	N/A -	-	-	-	-	-	-	-	-	-
Ø 85	1001085B	100	N/A -	-	-	-	-	-	-	-	-	-
Ø 90	1001090B	100	N/A -	1113090B	50	N/A -	1114090B	100	N/A -	-	-	-
Ø 110	1001110B	100	N/A -	1113110B	50	N/A -	-	-	-	-	-	-
Ø 125	1001125B	100	N/A -	1113125B	50	N/A -	1114125B	100	N/A -	1214125B	100	N/A -
Ø 150	1001150B	100	N/A -	1113150B	50	N/A -	1114150B	100	N/A -	1214150B	100	N/A -
Ø 185	1001185B	100	N/A -	1113185B	50	N/A -	1114185B	100	N/A -	1214185B	100	N/A -
Ø 240	1001240B	100	N/A -	1113240B	50	N/A -	1114240B	100	N/A -	-	-	-
Ø 250	-	-	-	-	-	-	-	-	-	1214240B	100	N/A -
Ø 270	-	-	-	-	-	-	1114270B	100	N/A -	-	-	-
Ø 320	-	-	-	1113320B	50	N/A -	-	-	-	1214320B	100	N/A -
Ø 400	-	-	-	-	-	-	1114400B	100	N/A -	-	-	-
Ø 500	-	-	-	1113500B	50	N/A -	-	-	-	-	-	-
460 x 570	1001917B	100	N/A -	-	-	-	-	-	-	-	-	-

Qualitative filter papers

AHLSTROM MUNKSJO

- In cellulose
- Ash content 0.06%



Grade	Applications	Filtration speed	Retention range (µm)	Weight (g/m²)	Thickness (mm)	Filtration speed (DIN 53137)
111	Thick and voluminous precipitates such as hydroxides and sulphides	Fast	12-15	84	0.20	10
113	Rapid filtration of liquids with fine particles	Medium	5-8	87	0.16	50
114	Barium, lead, zinc, nickel, sulphates, hydroxides, calcium fluoride	Slow	3-5	84	0.14	100
115	Barium, sulphates, metastannic acid, cuprous oxide	Very slow	2-3	84	0.14	180

		Grade 111		Grade 113		Grade 113 (folded)		Grade 114		Grade 115	
Ø (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
42.5	100	1004042B	N/A -	1002042B	N/A -	-	-	1006042B	N/A -	1005042B	N/A -
47	100	1004047B	N/A -	-	-	-	-	-	-	1005047B	N/A -
55	100	1004055B	N/A -	1002055B	N/A -	-	-	-	-	1005055B	N/A -
70	100	1004070B	N/A -	1002070B	N/A -	-	-	1006070B	N/A -	1005070B	N/A -
90	100	1004090B	N/A -	1002090B	N/A -	-	-	1006090B	N/A -	1005090B	N/A -
110	100	1004110B	N/A -	1002110B	N/A -	-	-	1006110B	N/A -	1005110B	N/A -
125	100	1004125B	N/A -	1002125B	N/A -	1202125B	N/A -	1006125B	N/A -	1005125B	N/A -
150	100	1004150B	N/A -	1002150B	N/A -	1202150B	N/A -	1006150B	N/A -	1005150B	N/A -
185	100	1004185B	N/A -	1002185B	N/A -	1202185B	N/A -	1006185B	N/A -	1005185B	N/A -
240	100	1004240B	N/A -	1002240B	N/A -	1202240B	N/A -	1006240B	N/A -	1005240B	N/A -
270	100	-	-	-	-	1202270B	N/A -	-	-	-	-
320	100	-	-	-	-	1202320B	N/A -	-	-	-	-
400	100	-	-	-	-	1202385B	N/A -	-	-	-	-
500	100	-	-	-	-	1202500B	N/A -	-	-	-	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

Quantitative filter papers



- Made from 100% cotton fibre
- Washed with acid and cleaned with demineralised water
- Ash content 0.007%

Grade	Applications	Filtration speed	Retention range (µm)	Weight (g/m²)	Thickness (mm)	Filtration speed (DIN 53137)
11	For coarse and voluminous precipitates such as iron, aluminium, chromium hydroxide, si determination in steel and cast iron analysis	Fast	12 - 15	84	0.18	10
12	For coarse precipitates such as lead, iron, silver sulphides, arsenic, cadmium, food	Medium to fast	8 - 12	84	0.17	20
13	Fine precipitates such as magnesium, ammonium, phosphates	Medium	5 - 8	84	0.16	50
14	Fine precipitates such as lead dioxide, calcium fluoride, nickel sulphide, zinc sulphide	Slow	3 - 5	84	0.15	100
15	Difficult filtration conditions such as cold barium sulphates, metastannic acid, cuprous oxide	Very slow	2 - 3	84	0.14	180

		Grade 11		Grade 12		Grade 13		Grade 14		Grade 15	
Ø (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
55	100	1441055B	N/A -	1443055B	N/A -	1440055B	N/A -	1444055B	N/A -	1442055B	N/A -
70	100	1441070B	N/A -	1443070B	N/A -	1440070B	N/A -	1444070B	N/A -	1442070B	N/A -
90	100	1441090B	N/A -	1443090B	N/A -	1440090B	N/A -	1444090B	N/A -	1442090B	N/A -
110	100	1441110B	N/A -	1443110B	N/A -	1440110B	N/A -	1444110B	N/A -	1442110B	N/A -
125	100	1441125B	N/A -	1443125B	N/A -	1440125B	N/A -	1444125B	N/A -	1442125B	N/A -
150	100	1441150B	N/A -	1443150B	N/A -	1440150B	N/A -	1444150B	N/A -	1442150B	N/A -
185	100	1441185B	N/A -	1443185B	N/A -	1440185B	N/A -	1444185B	N/A -	1442185B	N/A -
210	100	-	-	-	-	1440241B	N/A -	-	-	-	-
240	100	1441240B	N/A -	1443240B	N/A -	1440240B	N/A -	1444240B	N/A -	1442240B	N/A -

Technical filter papers

- 100% cellulose fibres
- Food compatibility
- Mechanical resistance

Grade	Aspect	Retention range (µm)	Weight (g/m²)	Thickness (mm)	Filtration speed (DIN 53137)
1101	Creped	38 - 75	160	0.55	26
1103	Smooth	12 - 16	150	0.30	65

		Grade 1101 (folded)		Grade 1103	
Ø (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
70	100	-	-	1003070B	N/A -
90	100	-	-	1003090D*	N/A -
110	100	-	-	1003110B	N/A -
125	100	-	-	1003125B	N/A -
150	100	-	-	1003150B	N/A -
185	100	-	-	1003185B	N/A -
240	100	1213240B	N/A -	-	-
320	100	1213320B	N/A -	-	-

* 50 per box, price for 50

Whatman UNIFLO syringe filters

- **Designed to filter up to 100 ml**
- **Polypropylene body**
- **Connection female Luer Lock inlet / male Luer outlet**
- **Printing on the filter body for easy identification**
- **Dead volume after purging with air 50 µl (13 mm membrane) and 100 µl (25 mm membrane)**

Membranes and applications:

- **Nylon:** aqueous or organic samples, HPLC sample filtration, hydrophilic membrane
- **PES**: aqueous samples, good chemical and temperature resistance, low protein adsorption
- **PVDF:** aqueous or organic samples, HPLC sample filtration, slightly hydrophobic membrane with low protein adsorption
- **PTFE**: organic samples, hydrophobic membrane
- **H-PTFE**: Hydrophilic PTFE, organic solvents, aqueous samples, HPLC, low protein absorption



H-PTFE



PES

Whatman UNIFLO sterile syringe filters

Membrane	Ø neck (mm)	Filtration threshold (µm)	Units/ box	Cat. No.	€/ box
PVDF	25	0.2	45	9913-2502	N/A -
		0.45		9913-2504	N/A -
PES	25	0.2	45	9914-2502	N/A -
		0.45		9914-2504	N/A -
	25	0.2	200	9915-2502	N/A -
		0.45		9915-2504	N/A -
	13	0.2	100	9916-1302	N/A -
		0.45		9916-1304	N/A -

Whatman UNIFLO non-sterile syringe filters

Membrane	Ø neck (mm)	Filtration threshold (µm)	Units/ box	Cat. No.	€/ box
PVDF	13	0.2	500	800324	N/A -
		0.45		800325	N/A -
	25	0.2		99092502	N/A -
		0.45		99092504	N/A -
NYLON	13	0.2		800326	N/A -
		0.45		800327	N/A -
	25	0.2		800328	N/A -
		0.45		800329	N/A -
PTFE	13	0.2		800330	N/A -
		0.45		800331	N/A -
	25	0.2		800332	N/A -
		0.45		800333	N/A -
PES	13	0.2		800334	N/A -
		0.45		800335	N/A -
	25	0.2		800336	N/A -
		0.45		800337	N/A -
H-PTFE	13	0.2	100	9920-1302	N/A -
			500	9921-1302	N/A -
		0.45	100	9920-1304	N/A -
			500	9921-1304	N/A -
	25	0.2	100	9920-2502	N/A -
			500	9921-2502	N/A -
		0.45	100	9920-2504	N/A -
			500	9921-2504	N/A -

Millipore PTFE hydrophilic syringe filters Millex 13 mm

MERCK

For clarifying aqueous solutions and organic mixtures.

- **Low adsorption and low extractable membrane**
- **Broad chemical compatibility**
- **HPLC certified**
- **Cat. No. and pore size noted on the filter body**



Millex filters for samplicity G2 system

Pore size (µm)	Max. Vol. (ml)	Membrane	Filter body	Input / Output	Type Millex	Diameter (mm)	Merck Millipore Cat. No.	Units/ box	Cat. No.	€/ box
0.45	10	Hydrophilic PTFE	PP	LL / LT	LCR	13	SLCRX13NL	100	044449	N/A -
0.45	10	Hydrophilic PTFE	PP	LL / LT	LCR	13	SLCRX13NK	1000	044450	N/A -
0.45	10	Hydrophilic PTFE	PP	LL / Tube	LCR	13	SLCRX13TL	100	044451	N/A -
0.2	10	Hydrophilic PTFE	PP	LL / LT	LG	13	SLLGX13NL	100	044452	N/A -
0.2	10	Hydrophilic PTFE	PP	LL / LT	LG	13	SLLGX13NK	1000	044453	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Millex Syringe filters



Membranes choice:

- **Durapore**: PVDF membrane with very low protein adsorption.
- **Express**: PES membrane combining low protein adsorption and fast filtration.
- **Cellulose Ester**: a standard membrane for a variety of uses, available in many porosities.
- **Fluoropore**: Hydrophobic PTFE for the filtration of gases and organic solvents.
- **LCR:** PTFE hydrophilic, universal, for aqueous and solvent solutions.

➤**The widest range: one type of Millex is specially designed for each application**

➤**Controlled quality: the rigorous controls give Millex an incomparable safety and guarantee**

Sterile Millex for aqueous solutions filtration

Pore size (µm)	Max vol. (ml)	Membrane	Filter body	Inlet/ Outlet	Type Millex	ø (mm)	Merck Millipore Cat. No.	Units/ box	Cat. No.	€/ box
MF membrane (cellulose esters) - colour code BLUE										
0.22	100	Cellulose Ester	Acrylic	LL/LT	Millex-GS	33	SLGS033SS	50	**051337**	**N/A -**
0.22	100	Cellulose Ester	Acrylic	LL/LT	Millex-GS	33	SLGS033SB	250	**051403**	**N/A -**
0.45	100	Cellulose Ester	Acrylic	LL/LT	Millex-HA	33	SLHA033SS	50	**051338**	**N/A -**
0.45	100	Cellulose Ester	Acrylic	LL/LT	Millex-HA	33	SLHA033SB	250	**051404**	**N/A -**
0.8	100	Cellulose Ester	Acrylic	LL/LT	Millex-AA	33	SLAA033SS	50	**051339**	**N/A -**
0.8	100	Cellulose Ester	Acrylic	LL/LT	Millex-AA	33	SLAA033SB	250	**051405**	**N/A -**
Durapore (PVDF) membrane with very low protein adsorption - colour code YELLOW										
0.1	100	Durapore	Acrylic	LL/LT	Millex-VV	33	SLVV033RS	50	**051375**	**N/A -**
0.22	1	Durapore	HDPE	LL/LT	Millex-GV	4	SLGV004SL	100	**051201**	**N/A -**
0.22	10	Durapore	HDPE	LL/LT	Millex-GV	13	SLGV013SL	100	**051202**	**N/A -**
0.22	100	Durapore	Acrylic	LL/LT	Millex-GV	33	SLGV033RS	50	**051366**	**N/A -**
0.22	100	Durapore	Acrylic	LL/LT	Millex-GV	33	SLGV033RB	250	**051407**	**N/A -**
0.45	1	Durapore	HDPE	LL/LT	Millex-HV	4	SLHV004SL	100	**051209**	**N/A -**
0.45	10	Durapore	HDPE	LL/LT	Millex-HV	13	SLHV013SL	100	**051210**	**N/A -**
0.45	100	Durapore	Acrylic	LL/LT	Millex-HV	33	SLHV033RS	50	**051350**	**N/A -**
0.45	100	Durapore	Acrylic	LL/LT	Millex-HV	33	SLHV033RB	250	**051408**	**N/A -**
5	100	Durapore	Eastar	LL/LT	Millex-SV	25	SLSV025LS	50	**051214**	**N/A -**
Express (PES) Membrane with low protein adsorption and high flow rate - colour code GREEN										
0.22	200	Express	Acrylic	LL/LT	Millex-GP	33	SLGP033RS	50	**051205**	**N/A -**
0.22	200	Express	Acrylic	LL/LT	Millex-GP	33	SLGP033RB	250	**051409**	**N/A -**
Hydrophilic LCR (PTFE) membrane with low protein adsorption and good chemical compatibility										
0.2	10	Hydrophilic PTFE	PVC	LL/LT	Millex-LG	13	SLLG013SL	100	**051400**	**N/A -**
0.2	100	Hydrophilic PTFE	PVC	LL/LT	Millex-LG	25	SLLG025SS	50	**051323**	**N/A -**

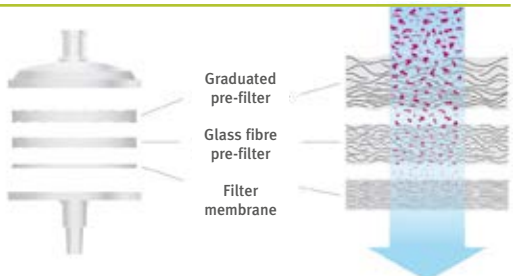
Millex HPF for filtration of charged solutions



➤**Final filtration at 0.45 µm**

➤**2 to 4 times faster than a unit without pre-filter**

➤**"Automation certified" for Zymark automation**



*: Automation certified

Pore size (µm)	Max vol. (ml)	Membrane	Filter body	Inlet/ Outlet	Type Millex	ø (mm)	Merck Millipore Cat. No.	Units/ box	Cat. No.	€/ box
0.2	300	PTFE + pre-filter	HDPE	LL/LT	HPF Millex-LG	25	SLLGM25NS	50	**051802**	**N/A -**
0.2	300	Nylon + pre-filter	HDPE	LL/LT	HPF Millex-HPF	25	SLGNM25NS	25	**051804**	**N/A -**
0.45	300	Durapore + pre-filter	HDPE	LL/LT	HPF Millex-HV	25	SLHVM25NS	50	**051346**	**N/A -**
0.45	300	Durapore + pre-filter	HDPE	LL/LT	HPF Millex-HV	25	SLHVMZ5NZ	200	**051347***	**N/A -**
0.45	300	Nylon + pre-filter	HDPE	LL/LT	HPF Millex-HN	25	SLHNM25NS	50	**051348**	**N/A -**
0.45	300	Nylon + pre-filter	HDPE	LL/LT	HPF Millex-HN	25	SLHNMZ5NZ	200	**051349***	**N/A -**
0.45	300	PTFE + pre-filter	HDPE	LL/LT	HPF Millex-LCR	25	SLCRM25NS	50	**051803**	**N/A -**

Millex for gas filtration - Pore size: 0.2 µm - Fluoropore membrane - Type Millex-FG





* With female Luer with external sliding

➤ **Applications**

➤**Filtration**

➤**Air vent filters**

➤**Vacuum lines**

➤**Particle eliminationl**

Filter body	Inlet/ Outlet	ø (mm)	Sterile	Auto-clavable	Merck Millipore Cat. No.	Units/ box	Cat. No.	€/ box
Hydrophobic Fluoropore (PTFE) membrane								
PVC	LL/LT	25	Yes	No	SLFG025LS	50	**051417**	**N/A -**
PVC	LL/LL	25	Yes	No	SLFGL25BS	50	**051238**	**N/A -**
PP	LL/LT	25	No	Yes	SLFG02550	50	**051239**	**N/A -**
PP	Barbed fitting*	50	No	Yes	SLFG05010	10	**051240**	**N/A -**
PP	Idem (silicone)	50	No	Yes	SLFG85010	10	**051241**	**N/A -**
PP	Barbed fitting 1/8" NPTM	50	No	Yes	SLFG65010	10	**051242**	**N/A -**
PP	Barbed fitting 1/8" NPTM	50	No	Yes	SLFG55010	10	**051336**	**N/A -**

Non-sterile Millex for chemical filtration, HPLC sample preparation

➤ **Low adsoption membrane and low extractables**

➤ **For clarifying aqueous solutions and organic mixtures**

Pore size (µm)	Max vol. (ml)	Membrane	Filter body	Inlet/ Outlet	Type Millex	ø (mm)	Merck Millipore Cat. No.	Units/ box	Cat. No.	€/ box
Durapore (PVDF) membrane with low protein adsorption for clarification of aqueous and low organic solutions										
0.22	1	Durapore	HDPE	LL/LT	Millex-GV	4	SLGVR04NL	100	051217	N/A -
							SLGVR04NK	1000	051218	N/A -
0.22	10	Durapore	HDPE	LL/LT	Millex-GV	13	SLGVX13NL	100	051384	N/A -
							SLGVX13NK	1000	051418	N/A -
0.45	1	Durapore	HDPE	LL/LT	Millex-HV	4	SLHVR04NL	100	051225	N/A -
							SLHVR04NK	1000	051226	N/A -
0.45	10	Durapore	HDPE	LL/LT	Millex-HV	13	SLHVX13NL	100	051233	N/A -
							SLHVX13NK	1000	051419	N/A -
Nylon membrane for the clarification of aqueous and organic solutions										
0.2	10	Nylon	HDPE	LL/LT	Millex-GN	13	SLGNX13NL	100	051421	N/A -
							SLGNX13NK	1000	051422	N/A -
0.45	10	Nylon	HDPE	LL/LT	Millex-HN	13	SLHNX13NL	100	051425	N/A -
							SLHNX13NK	1000	051426	N/A -
Hydrophilic LCR (PTFE) membrane with low protein adsorption for the clarification of aqueous and organic solutions										
0.2	1	Hydrophilic fluoropore	HDPE	LL/LT	Millex-LG	4	SLLGR04NL	100	051223	N/A -
0.2	10	Hydrophilic fluoropore	HDPE	LL/LT	Millex-IC	13	SLLGC13NL	100	051344	N/A -
0.2	100	Hydrophilic fluoropore	HDPE	LL/LT	Millex-IC	25	SLLGC25NS	50	051345	N/A -
0.45	1	Hydrophilic fluoropore	HDPE	LL/LT	Millex-LH	4	SLLHR04NL	100	051231	N/A -
							SLLHR04NK	1000	051232	N/A -
0.45	10	Hydrophilic fluoropore	HDPE	LL/LT	Millex-LCR	13	SLCR013NL	100	051236	N/A -
							SLCR013NK	1000	051410	N/A -
Hydrophobic Fluoropore (PTFE) membrane for the clarification of organic solvents										
0.2	1	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FG	4	SLFGR04NL	100	051219	N/A -
0.2	10	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FG	13	SLFGX13NL	100	051412	N/A -
							SLFGX13NK	1000	051413	N/A -
0.2	100	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FG	25	SLFG025NS	50	051430	N/A -
							SLFG025NB	250	051414	N/A -
0.45	1	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FH	4	SLFHR04NL	100	051227	N/A -
0.45	10	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FH	13	SLFHX13NL	100	051415	N/A -
							SLFHX13NK	1000	051416	N/A -
0.45	100	Hydrophilic fluoropore	HDPE	LL/LT	Millex-FH	25	SLFH025NS	50	051363	N/A -
AP20 Glass fibre pre-filter										
Between 0.8 and 8	100	Glass fibre	PVC	LL/LT	Millex-AP	25	SLAP02550	50	051216	N/A -

Millex 33 mm non-sterile syringe filters for sample preparation

No sterile. 33 mm diameter offering almost 20% more filtration area compared to 25 mm filters. Low dead volume (‹ 80 µl).

- **Durapore (PVDF)** low protein adsorption. For the filtration of 10 to 100 ml of solution containing proteins before chromatographic analysis
- **Express Plus (PES)**: high flow rate and yield or the filtration of 10 to 200 ml of solutions which are loaded with particles or difficult to filter before chromatographic analysis.
- **Nylon**: low level of extractables. For the clarification of 10 to 100 ml of aqueous and organic solutions.
- **PTFE**: low protein absorption. For the filtration of 10 to 100 ml of aqueous or organic solutions.

Pore size (µm)	Max volume (ml)	Membrane	Type Millex	Cat. No. Merck Millipore	Units/ box	Cat. No.	€/ box
0.2	100	PTFE	Millex-LG	SLLG033NS	50	236044	N/A -
				SLLG033NB	250	236045	N/A -
				SLLG033NK	1000	236046	N/A -
0.45			Millex-LCR	SLCR033NS	50	236047	N/A -
				SLCR033NB	250	236048	N/A -
				SLCR033NK	1000	236049	N/A -
0.22	100	Durapore	Millex-GV	SLGV033NS	50	051569	N/A -
				SLGV033NB	250	051570	N/A -
				SLGV033NK	1000	051571	N/A -
0.45			Millex-HV	SLHV033NS	50	051572	N/A -
				SLHV033NB	250	051573	N/A -
				SLHV033NK	1000	051574	N/A -
0.22	200	Express Plus	Millex-GP	SLGP033NS	50	051575	N/A -
				SLGP033NB	250	051576	N/A -
				SLGP033NK	1000	057638	N/A -
0.45			Millex-HP	SLHP033NS	50	051578	N/A -
				SLHP033NB	250	051579	N/A -
				SLHP033NK	1000	051580	N/A -
0.22	100	Nylon	Millex-GN	SLGN033NS	50	051581	N/A -
				SLGN033NB	250	051582	N/A -
				SLGN033NK	1000	051583	N/A -
0.45			Millex-HN	SLHN033NS	50	051584	N/A -
				SLHN033NB	250	051585	N/A -
				SLHN033NK	1000	051586	N/A -



➤ **Filtration area: 4.5 cm²**
➤ **Max. pressure: 8.6 bar**
➤ **Dead volume: ‹ 80 µl after purging with air**
➤ **Polypropylene filter body**
➤ **Input/Output: LL/LT**
➤ **Low level of extractables**
➤ **High pressure resistance**
➤ **Low dead volume: 20% less than 25 mm filters**
➤ **Available in 0.22 µm and 0.45 µm**
➤ **PP filter body**
➤ **No-sterile**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Midisart 2000 vent filters



- Sterile vents for fermenters, carboys and CO_2 incubators of 6 to 120 litres
- Can be used as filters for aqueous solution
- Also for in-line sterilisation

Filter body / Membrane	PTFE - reinforced by polypropylene/ polypropylene
Membrane diameter	64 mm
Air flow rate at Δp = 0.1 bar (1.45 psi*)	Porosity 0.2 µm: 5.0 l/min Porosity 0.45 µm: 8.5 l/min

Midisart 2000 non-sterile

Cat. No.	Connectors	Threshold of Filtration	Units/ box	€/ box
073011	connector olive (Ø 4-12 mm)	0.2 µm	100	N/A -
147809	connector olive (Ø 4-12 mm)	0.2 µm	500	N/A -
147813	fine connector olive (Ø 4-12 mm)	0.2 µm	100	N/A -

Midisart 2000 sterile

Cat. No.	Connectors	Threshold of Filtration	Units/ box	€/ box
036895	-	0.45 µm	12	N/A -
147083	-	0.45 µm	25	N/A -
147084	1/8" and NTP	0.45 µm	12	N/A -
147085	1/8" and NTP	0.45 µm	25	N/A -
146902	connector Olive (Ø 4-12 mm)	0.2 µm	12	N/A -
147806	connector Olive (Ø 4-12 mm)	0.2 µm	25	N/A -
147807	1/8" and NTP	0.2 µm	12	N/A -
147808	1/8" and NTP	0.2 µm	25	N/A -

Minisart® RC Syringe filters



- With regenerated cellulose membrane, hydrophilic
- Non-sterile, autoclavable
- For ultra cleaning of aqueous solutions and organic solvents
- Connection: input luer lock, output luer

Cat. No.	Retention threshold (µm)	Ø (mm)	Filter area (cm²)	Flow rate (ml/mm)	Dead volume (ml)	Units/ box	€/ box
147072	0.2	4	0.07	3.5	0.005	50	N/A -
147867	0.45	4	0.07	3.5	0.005	50	N/A -
147846	0.2	15	1.7	10	0.15	50	N/A -
147847	0.45	15	1.7	30	0.01	50	N/A -
147848	0.2	25	4.8	40	0.15	50	N/A -
147849	0.45	25	4.8	100	0.15	50	N/A -

Minisart® SRP Syringe filters



- With PTFE membrane, hydrophobic
- Non-sterile, autoclavable
- For ultra cleaning of aggressive solutions, HPLC and GC samples
- Female luer lock input connection

Cat. No.	Retention threshold (µm)	Ø (mm)	Filter area (cm²)	Flow rate (ml/mm)	Units/ box	€/ box
147840	0.2	15	0.6	0.01	50	N/A -
147841	0.45	15	0.9	0.01	50	N/A -
147842	0.2	25	1.7	0.1	50	N/A -
147843	0.45	25	3	0.1	50	N/A -

Minisart® High Flow Syringe filters



WEB

Enter the reference on dulis.nl to find Sartorius Minisart® Syringe Filters User Guide

- Ready to use, sterile in individual packaging
- PES (Poly Ether Sulfone) membrane: wide chemical compatibility - pH range: 1 to 14
- High flow rate and filtration capacity
- Membrane diameter: 28 mm / cryolite filter body diameter: 33 mm
- Female LL inlet fitting

Minisart High Flow (Polyethersulfone / Cyrolite membrane)

	Luer Lock outlet (LL)			Luer Tip outlet (LT)		
Filtration threshold (µm)	Sterile O.E.	Sterile gamma	Non sterile	Sterile O.E.	Sterile gamma	Non sterile
0.1	146610	-	-	-	-	-
0.2	146611	146613	146564NS	146612	-	150493
0.45	146615	-	146616	146559	146614	146626
Units/box	50	50	500	50	50	500
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Minisart® NML and Minisart® Plus Syringe filters

SARTORIUS

- Ready to use
- Surfactant-free cellulose acetate membrane for very low protein adsorption
- Minisart Plus with glass fibre pre-filter: facilitates filtration of clogging solutions
- 5.3 cm² filtration area: high filtration rate
- CE marking in accordance with the European Directive ECD 93/42/EEG on medical devices for Minisart NML with pore sizes of 0.2 and 0.45 µm
- Membrane diameter: 28 mm / cryolite filter body diameter: 33 mm
- Female LL inlet fitting



Applications

- Clarification and filtration of aqueous solutions for volumes up to 100 ml

	Minisart NML Luer Lock (LL) outlet			Minisart NML Luer Tip (LT) outlet		Minisart Plus with pre-filter	
Filtration threshold (µm)	Sterile O.E.	Sterile gamma	No sterile	Sterile O.E.	No sterile	Sterile	No sterile
0.2	146618	146617	146619	146563*	146620*	146630	146631
0.45	146622	146621	146623	146624*	146625*	146628	146629
0.65	147863	-	-	-	-	-	-
0.8	147838	150492	147839	-	-	-	-
1.2	146861	-	146862	-	-	-	146632
5	146608	-	146863	-	-	-	-
Units/box	50	50	500	50	500	50	500
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Enter the Cat. No. on dulis.nl to find the User's Guide for Sartorius Minisart®



ClearLine® Syringe filters

ClearLine®

Non-sterile syringe filters

- Diameter 25 or 30 mm

Membrane	ø (mm)	Cone	Porosity 0.2 µm	Porosity 0.45 µm	Units/ box	€/ box
Cellulose acetate	30	Luer	037042	037043	50	N/A -



Sterile syringe filters

- Diameter 33 mm
- Polypropylene body
- In individual blister packs

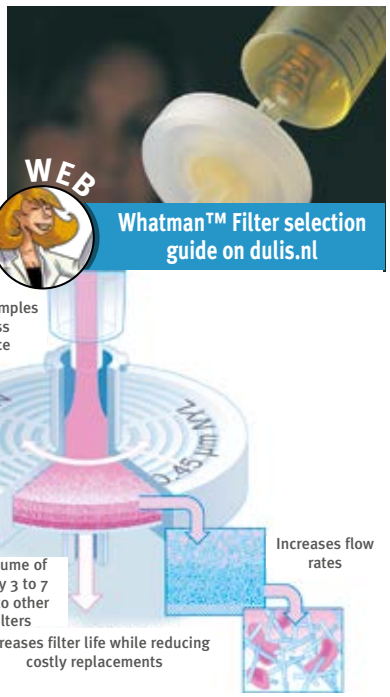
Membrane	Diameter (mm)	Porosity 0.2 µm	Porosity 0.45 µm	€ 50 units
Luer cone				
Cellulose acetate	33	037044	037045	N/A -
PES	33	051732	051230	N/A -
Cellulose esters	33	051798	051797	N/A -
PVDF	33	051733	051734	N/A -
Luer Lock cone				
Cellulose acetate	33	146560	146561	N/A -
PES	33	146564	-	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Whatman™ GD/X™ Syringe filters with pre-filter

- Equipped with a multi-layer glass fibre pre-filter: exclusive Whatman GMF 150 pre-filtration layer (progressive density) and GF/F glass microfibre media
- Excellent retention capacity, avoids the use of several syringe filters for the same sample - time saving
- Up to 3 to 7 times more volume filtered than with a traditional filter



- Housing in Pigment free polypropylene (PP), prevents contamination of the sample
- Progressive density pre-filter: from 10 µm to 0.7 µm

Whatman GD/X™ Syringe filters, ø 13 mm

Cat. No.	ø (mm)	Membrane	Threshold stop (µm)	Sterile	Units/ box	€/ box
036671	13	AC	0.2	No	150	N/A -
036672	13	AC	0.45	No	150	N/A -
036675	13	GF/A	1.6	No	150	N/A -
036677	13	GF/C	1.2	No	150	N/A -
036678	13	GMF	0.45	No	150	N/A -
036676	13	GMF	1	No	150	N/A -
034976	13	GMF	2.7	No	150	N/A -
036665	13	Nylon	0.2	No	150	N/A -
036666	13	Nylon	0.45	No	150	N/A -
036673	13	PP	0.2	No	150	N/A -
036674	13	PP	0.45	No	150	N/A -
036669	13	PSU	0.2	No	150	N/A -
036670	13	PSU	0.45	No	150	N/A -
036585	13	PTFE	0.2	No	150	N/A -
036586	13	PTFE	0.45	No	150	N/A -
036667	13	PVDF	0.2	No	150	N/A -
036668	13	PVDF	0.45	No	150	N/A -
6890-1307	13	GF/F	0.7	No	150	N/A -

Whatman GD/X™ Syringe filters, ø 25 mm

Cat. No.	ø (mm)	Membrane	Threshold stop (µm)	Sterile	Units/ box	€/ box
036626	25	AC	0.2	No	150	N/A -
036655	25	AC	0.2	Yes	50	N/A -
036627	25	AC	0.45	No	150	N/A -
036656	25	AC	0.45	Yes	50	N/A -
036634	25	GMF	0.45	No	150	N/A -
036633	25	GF/F	0.7	No	150	N/A -
036629	25	GF/B	1	No	150	N/A -
036631	25	GF/C	1.2	No	150	N/A -
036628	25	GF/A	1.6	No	150	N/A -
036632	25	GMF	2.7	No	150	N/A -
036616	25	Nylon	0.2	No	150	N/A -
036617	25	Nylon	0.45	No	150	N/A -
036618	25	Nylon	5	No	150	N/A -
036571	25	PES	0.2	Yes	50	N/A -
036653	25	PES	0.45	Yes	50	N/A -
036624	25	PP	0.2	No	150	N/A -
036625	25	PP	0.45	No	150	N/A -
036622	25	PES	0.2	No	150	N/A -
036623	25	PES	0.45	No	150	N/A -
036587	25	PTFE	0.2	No	150	N/A -
036588	25	PTFE	0.45	No	150	N/A -
036619	25	PVDF	0.2	No	150	N/A -
036582	25	PVDF	0.2	Yes	50	N/A -
036621	25	PVDF	0.45	No	150	N/A -
036915	25	RC	0.2	No	150	N/A -
036967	25	RC	0.45	No	150	N/A -

Anotop™ Whatman™syringe filters



Specific applications
Cell culture

- Mycoplasma removal (0.1 µm)
- Cold sterilisation of culture media
- Phage and virus filtration
- Removal of high molecular weight proteins or polymers
- Extrusion of liposomes

Filters incorporating the exclusive "Anopore™"membrane.

- Non-deformable pore structure
- Low protein adsorption rate
- Excellent compatibility with cell growth
- Very low cut-off point: 0.02 µm – 0.1 µm – 0.2 µm
- Compatible with aqueous and organic solvents

Anotop™ Plus Whatman with Glass fibre pre-filter

Cat. No.	Diam. (mm)	Membrane	Filtration threshold (µm)	Sterile	Units/ box	€/ box
036788	10	Anopore	0.1	Yes	50	N/A -
037168	10	Anopore	0.2	Yes	50	N/A -
036789	25	Anopore	0.1	Yes	50	N/A -
037169	25	Anopore	0.2	Yes	50	N/A -

Anotop™ Whatman

Cat. No.	Diam. (mm)	Membrane	Filtration threshold (µm)	Sterile	Units/ box	€/ box
036176	10	Anopore	0.1	Yes	50	N/A -
036177	10	Anopore	0.2	Yes	50	N/A -
036814	25	Anopore	0.02	Yes	50	N/A -
036181	25	Anopore	0.1	Yes	50	N/A -
036182	25	Anopore	0.2	Yes	50	N/A -
036410	25	Anopore	0.02	No	50	N/A -
036178	25	Anopore	0.1	No	50	N/A -
036179	25	Anopore	0.2	No	50	N/A -

Puradisc Whatman™ Syringe filters

Puradisc syringe filters are designed to quickly and efficiently filter samples up to a volume of 100 ml.



- luer lock (FLL) inlet , luer (ML) oulet
- Polypropylene body for syringe filter Ø 4, 13, 25 mm
- Polycarbonate body for syringe filter Ø 30 mm
- For volumes up to 2ml (Ø 4mm) or 10ml (Ø 13mm) or 100ml (Ø 25 and 30mm)

Membrane material: AC = cellulose acetate, PP = polypropylene, PSU = polysulfone, PES = polyethersulfone, GF/A, GF/C, GMF = glass microfibre, PVDF = polyvinylidene fluoride, PTFE = polytetrafluoroethylene, Rc = regenerated cellulose, NC = cellulose nitrate, H-PTFE = hydrophilic polytetrafluoroethylene

- AC: aqueous or some organic samples
- GMF: aqueous or organic samples
- NYL: aqueous or organic samples, HPLC samples, hydrophilic
- PP: aqueous or organic samples, low protein absorption
- PES: aqueous samples, biological samples (serum, plasma), good chemical resistance, high temperature resistance, low protein absorption
- PTFE: organic samples, hydrophobic
- H-PTFE: organic solvents, aqueous samples, HPLC/uHPLC, low protein absorption, hydrophilic
- PVDF: aqueous or organic samples, HPLC samples, low protein absorption, hydrophilic

Puradisc non-sterile syringe filters

Applications

- HPLC samples

Membrane	Ø neck (mm)	Filtration threshold (µm)	Units/ box	Cat. No.	€/ box
Nylon	25	0.2	50	6750-2502	N/A -
			200	036636	N/A -
			1000	036638	N/A -
		0.45	50	037274	N/A -
			200	036637	N/A -
			500	6752-2504	N/A -
			1000	036639	N/A -
		1	50	6750-2510	N/A -
			200	037326	N/A -
			1000	6753-2510	N/A -
PES	25	0.2	200	036646	N/A -
			1000	036648	N/A -
		0.45	200	036647	N/A -
			1000	036649	N/A -
		1	200	6781-2510	N/A -
			1000	6794-2510	N/A -
PVDF	25	0.2	50	6746-2502	N/A -
			200	6747-2502	N/A -
		0.45	50	6746-2504	N/A -
			200	036641	N/A -
			1000	036642	N/A -
PP	25	0.2	50	037109	N/A -
			200	037225	N/A -
			1000	037121	N/A -
NC	30	5	100	034957	N/A -
			500	037308	N/A -
CA	30	0.2	500	10462206**	N/A -

** FLL/MLL

Membrane	Ø neck (mm)	Filtration threshold (µm)	Units/ box	Cat. No.	€/ box
PTFE	25	0.1	50	037222	N/A -
			1000	6798-2501	N/A -
		0.2	50	036975	N/A -
			200	036643	N/A -
			1000	036644	N/A -
		0.45	50	037106	N/A -
			200	037242	N/A -
			1000	036645	N/A -
		1	50	037200	N/A -
			1000	6798-2510	N/A -
H-PTFE	13	0.2	100	6772-1302	N/A -
			500	6773-1302	N/A -
			2000	6774-1302	N/A -
		0.45	100	6772-1304	N/A -
			500	6773-1304	N/A -
			2000	6774-1304	N/A -
	25	0.2	50	6772-2502	N/A -
			200	6773-2502	N/A -
			1000	6774-2502	N/A -
		0.45	50	6772-2504	N/A -
			200	6773-2504	N/A -
			1000	6774-2504	N/A -
AC	30	0.2	50	036651	N/A -
			100	10462710	N/A -
			500	10462700	N/A -
		0.45	50	036652	N/A -
			100	10462610	N/A -
			500	037241	N/A -
		0.8	50	10462241	N/A -
			500	037101	N/A -
		1.2	50	036845	N/A -
			500	10462263	N/A -

Puradisc sterile syringe filters

Sterilisation by gamma irradiation.

Applications

- Cell culture media
- Preparation of biological samples
- Sterile isolation, sterilisation of culture media and additives

Membrane	Ø neck (mm)	Filtration threshold (µm)	Cat. No.	Units/ box	€/ box
Nylon	4	0.2	6786-0402	50	N/A -
PVDF	4	0.2	036791	50	N/A -
PES	13	0.2	036792	50	N/A -
		0.45	036793	50	N/A -
	25	0.2	036659	50	N/A -
		0.45	036661	50	N/A -
		1	6780-2510	50	N/A -
PVDF	13	0.2	037205	50	N/A -
		0.45	6791-1304	50	N/A -
AC	30	0.45	036658*	50	N/A -
		0.2	036657*	50	N/A -
		0.2	037197**	50	N/A -
		0.8	036957	50	N/A -
		1.2	10462260	50	N/A -
NC	30	5	036927	50	N/A -
PTFE	30	0.2	034964	50	N/A -

* Ethylene oxide sterilisation and polycarbonate filter housing / ** FLL/MLL

All prices are indicative and exclude VAT. Visit www.dulis.nl

Polydisc TF and VACU-GUARD Whatman™ vacuum pump protection filters



Polydisc TF



VacuGuard

Polydisc TF 0.45 µm and VACU-GUARD 0.2 µm

- **For the protection of vacuum pumps**
- **Virgin polypropylene filter body, PTFE membrane**

Cat. No.	Description	Units/ box	€/ box
036454	Polydisc Filter TF ø 50 mm 0.45 µm	10	**N/A -**
036568	VACU-GUARD Filter ø 50 mm 0.2 µm	10	**N/A -**
036862	VACU-GUARD Filter ø 60 mm 0.2 µm	10	**N/A -**

VACU-GUARD 150 capsules



For the protection of vacuum or pressurised systems to reduce the risk of exposure to hazardous vapours. 0.2 µm PTFE membrane providing › 99.99 % retention of airborne particles greater than or equal to 0.1 µm in size.

Media available:

(1) **activated carbon:** adsorption of odours carried by gases and vapours;
(2) **desiccant**: anhydrous calcium sulphate media impregnated with calcium chloride;
(3) **Molecular sieve**: silica aluminate zeolite media for organic and alkaline vapours.

Model	VACU-GUARD 150 Activated Carbon	VACU-GUARD 150 Desiccant	VACU-GUARD 150 Molecular sorting
Chemistry	Activated Carbon (1)	Calcium Anhydrous (2)	Alumino Silicate Zeolite (3)
Media	PTFE	PTFE	PTFE
Area or weight	82 000 m²	318 g	363 g
Specific flow rate (SLPM)			
At 0.1 bar	210	280	250
At 0.5 bar	450	600	570
Maximum operating pressure			
Dry gas	4 bar	4 bar	4 bar
Wet gas	1 bar	1 bar	1 bar
Cat. No.	**036455**	**036456**	**036457**
€	**N/A -**	**N/A -**	**N/A -**

Carbon Cap capsules



Capsule filled with acid-washed granular activated carbon and a pleated HEPA filter that removes 99.97% of particles larger than 0.3 µm.

- **Large surface area of activated carbon**
- **2 sizes (Carbon Cap) depending on your application**
- **Designed for in-line use with its grooved connections (hose connectors)**

Cat. No.	Description	€
036458	Carbon Cap 75 (40 g activated carbon)	**N/A -**

FILTRATION

Thermo SCIENTIFIC NALGENE™ syringe filters



- **Polypropylene body**
- **Membranes in PES, nylon, AC for hydrophilic solutions, and PTFE for hydrophobic solutions**
- **For volumes from 2 to 10 ml (Ø 13 mm) or 10 to 50 ml (Ø 25 mm)**
- **Coloured filter body for each material**
- **Membrane and porosity printed on the side of the filter**
- **Lot number and expiry date on each sterile package**

Pre-filters

Cat. No.	Description	Units/ box	€/ box
029292B	Glass fibre pre-filter 1.1 µm / Ø 25 mm	50	**N/A -**
028928B	Glass fibre pre-filter 1.1 µm + AC 0.2 µm / Ø 25 mm, sterile	50	**N/A -**

					New range		Older range	
Colours	Filter Ø (mm)	Porosity (µm)	Sterile	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
Syringe filter with cellulose acetate (CA) membrane								
-	4	0.2	No	100	-	-	**028915**	**N/A -**
-	4	0.45	No	100	-	-	**028916**	**N/A -**
Red	25	0.8	Yes	50	**028922B**	**N/A -**	-	-
Red	25	0.8	No	100	**128022**	**N/A -**	-	-
Syringe filter with nylon membrane								
-	4	0.2	No	100	-	-	**028917**	**N/A -**
-	4	0.45	No	100	-	-	**028918**	**N/A -**
Pink	25	0.2	Yes	50	**028931B**	**N/A -**	-	-
Pink	25	0.2	No	100	**128023**	**N/A -**	-	-
Pink	25	0.45	Yes	50	**028932B**	**N/A -**	-	-
Pink	25	0.45	No	100	**128024**	**N/A -**	-	-
Syringe filter with PTFE membrane								
White	13	0.2	No	100	**029183B**	**N/A -**	-	-
White	13	0.45	No	100	**029184B**	**N/A -**	-	-
White	25	0.2	No	100	**128026**	**N/A -**	-	-
White	25	0.45	No	100	**128027**	**N/A -**	-	-
Syringe filter with PES membrane								
Green	13	0.2	Yes	100	**128025**	**N/A -**	-	-
Green	25	0.2	Yes	50	**028929B**	**N/A -**	-	-
Green	25	0.45	Yes	50	**028930B**	**N/A -**	-	-
Syringe filter with SFCA membrane								
Blue	25	0.2	Yes	125	**028923B**	**N/A -**	-	-
Blue	25	0.2	Yes	50	**028920B**	**N/A -**	-	-
Blue	25	0.2	No	100	**128028**	**N/A -**	-	-
Blue	25	0.45	Yes	125	**028924B**	**N/A -**	-	-
Blue	25	0.45	Yes	50	**028921B**	**N/A -**	-	-
Blue	25	0.45	No	100	**128029**	**N/A -**	-	-

PTFE in-line filters

For air and gas filtration (benchtop fermenter, CO_2 incubator, pump protection, sterile air filtration).
For filtration of aggressive chemical solutions, including non-aqueous acids and solvents.

- **Diameter: 50 mm**
- **Polypropylene body**
- **PTFE membrane**
- **Filtration volume: 0.2 to 5 l**
- **Inlet/outlet: nozzle for 6 to 9 mm hoses**
- **Non-sterile**
- **Autoclavable**



Cat. No.	Porosity (µm)	ø (mm)	Units/ box	€/ box
029114	0.2	50	10	N/A -
029115	0.45	50	10	N/A -

Riplate® iltration Plates

- **For purification and filtration of samples with a volume of 1 ml or less**
- **SBS format**
- **For manual or automatic use**
- **Compatible with the 2 ml Riplate which will be used as a collection plate**
- **Alphanumeric marking**



Cat. No.	Description	Units/ box	€/ box
071418	Filtration plate	28	N/A -

Multiscreen HTS Merck Millipore filtration plates

Multiscreen HTS

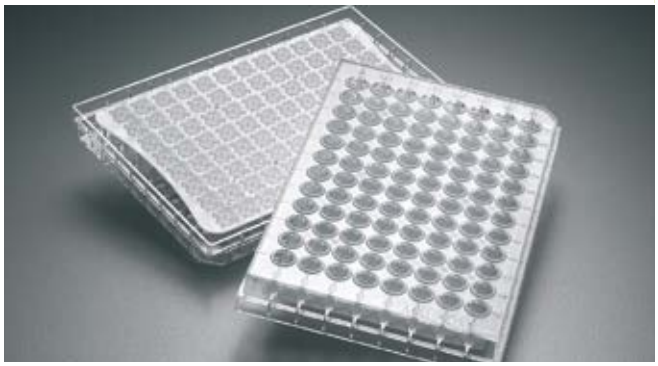
- **Rigid edges: better grip on the plate**
- **Recessed drain: the underside of the wells is not in contact with the surface of the bench**
- **Compliant with ANSI/SBS standards**

Applications

- **Genomic DNA analysis**
- **Cell culture and proliferation**
- **Study of protein/receptor interactions**
- **Enzymological studies/ enzyme immunoassay**
- **Tests with fluorescence and radioactivity: allow direct counting**
- **Immunoassays**
- **ELISPOT / ELISA**
- **Cell harvesting**



Enter the Cat. No. on Dulis.nl to see the Multiscreen plate selection guide



96 and 384 well formats. Recommended for Elispot technique, whole organism visualisation and radioisotope detection, feature a removable drain for easy access to the membrane.

- **Membrane area/well: 0.26 cm²**
- **Volume/well: 50 - 250 µl recommended (300 µl max.)**
- **L x W x H: 127.8 x 85.5 x 14.4 mm**
- **Conditions of use: Recommended vacuum: 305 mbar or 9'' Hg (max. 610 mbar or 18'' Hg)**

Merck Millipore HTS Multiscreen 384-well Plates

MultiscreenHTS 384-well plates are ideal for bioassays and allow radiometric counting directly in the plate.

Pore size (µm)	Membrane	Plastic		No-sterile 10 units	No-sterile 50 units	Typical applications
0.45	Durapore HV (Hydrophilic PVDF)	Opaque	Cat. No. Merck Millipore	MZHVNoW10	MZHVNoW50	Receptor binding studies, protein kinase/phosphatase precipitation assays, resin/bead-based assays
			Cat. No.	051869	051870	
			€	N/A -	N/A -	
1	Glass fibre FB	Opaque	Cat. No. Merck Millipore	MZFBNoW10	MZFBNoW50	Receptor/ligand binding studies, sample preparation, enzymatic assays with precipitation, DNA purification
			Cat. No.	051871	051872	
			€	N/A -	N/A -	
1.2	Glass fibre FC	Opaque	Cat. No. Merck Millipore	MZFCNoW10	MZFCNoW50	Receptor/ligand binding studies, sample preparation, TCA precipitation
			Cat. No.	051873	051874	
			€	N/A -	N/A -	
0.65	Phosphocellulose negatively loaded	Opaque	Cat. No. Merck Millipore	-	MZPHNoW50	Protein kinase assays with peptide substrates, enzyme assays, positive charge determinations
			Cat. No.	-	051876	
			€	-	N/A -	

All prices are indicative and exclude VAT. Visit www.dulis.nl

Merck Millipore Multiscreen HTS 96-well Plates

Pore size (µm)	Membrane	Plastic		No-sterile 10 units	No-sterile 50 units	Sterile 10 units	Typical applications
0.22	Durapore GV (Hydrophilic PVDF)	Transparent	Cat. No. Merck Millipore	MSGVN2210	MSGVN2250	MSGVS2210	Receptor binding studies. Protein kinase/phosphatase precipitation tests.
			Cat. No.	051595	051596	051597	
			€	N/A -	N/A -	N/A -	
0.22	Durapore GV (Hydrophilic PVDF)	Opaque	Cat. No. Merck Millipore	-	MSGVN2B50	-	
			Cat. No.	-	051594	-	
			€	-	N/A -	-	
0.45	Durapore HV (Hydrophilic PVDF)	Transparent	Cat. No. Merck Millipore	MSHVN4510	MSHVN4550	MSHVS4510	Receptor binding studies using whole cells and cell fragments. Protein kinase/phosphatase precipitation tests. Cell culture and proliferation (sterile).
			Cat. No.	051599	051454	051633	
			€	N/A -	N/A -	N/A -	
0.65	Durapore DV (Hydrophilic PVDF)	Transparent	Cat. No. Merck Millipore	MSDVN6510	MSDVN6550	-	Receptor binding studies using whole cells and cell fragments. Protein kinase/phosphatase precipitation tests. Resin/bead based tests.
			Cat. No.	051440	051441	-	
			€	N/A -	N/A -	-	
1.2	Durapore BV (Hydrophilic PVDF)	Transparent	Cat. No. Merck Millipore	-	MSBVN1250	MSBVS1210	Compound generation, resin/bead testing, sample preparation. Culture/proliferation of suspension cells and yeast (sterile).
			Cat. No.	-	051602	051451	
			€	-	N/A -	N/A -	
1 + 0.65	Glass fibre FB on PVDF	Opaque	Cat. No. Merck Millipore	MSFBN6B10	MSFBN6B50	-	Receptor/ligand binding studies. Enzyme assays with TCA precipitation. DNA purification (FB).
			Cat. No.	051442	051443	-	
			€	N/A -	N/A -	-	
0.45	Immobilon-P (Hydrophilic PVDF)	Transparent	Cat. No. Merck Millipore	MSIPN4510	MSIPN4550	MSIPS4510	Studies of protein interactions, avidin/biotin binding, DNA-bound proteins. ELISPOT.
			Cat. No.	051610	051609	051611	
			€	N/A -	N/A -	N/A -	
0.45	Ester Cellulose	Transparent	Cat. No. Merck Millipore	MSHAN4510	MSHAN4550	MSHAS4510	Solid phase RIA. DNA hybridization. ELISPOT, ELISA.
			Cat. No.	051618	051619	051620	
			€	N/A -	N/A -	N/A -	
0.45	Ester Cellulose	Opaque	Cat. No. Merck Millipore	-	-	MSHAS4B10	
			Cat. No.	-	-	051617	
			€	-	-	N/A -	

Multiscreen Classic plate range (non-HTS format)

Pore size (µm)	Membrane	Plastic		No-sterile 10 units	No-sterile 50 units	Sterile 10 units	Typical applications
0.45	Durapore (Hydrophilic PVDF)	Transparent	Cat. No. Merck Millipore	-	-	MAIPS4510	ELISPOT tests.
			Cat. No.	-	-	051140	
			€	-	-	N/A -	
0.45	Durapore (Hydrophilic PVDF)	White	Cat. No. Merck Millipore	-	-	MAIPSWU10	
			Cat. No.	-	-	051438	
			€	-	-	N/A -	
0.45	Durapore (Hydrophilic PVDF)	Transparent	Cat. No. Merck Millipore	MAHVN4510	MAHVN4550	-	Approved for clinical diagnosis, protein kinase/phosphatase assays, sample preparation, removal of Dye Terminators.
			Cat. No.	051004	051005	-	
			€	N/A -	N/A -	-	
0.45	Ester Cellulose	Transparent	Cat. No. Merck Millipore	-	-	MAHAS4510	Cell culture and ELISPOT.
			Cat. No.	-	-	051138	
			€	-	-	N/A -	

Accessories

Cat. No.	Description	Units/ box	€/ box
051289	Column charger, 45 µl	1	N/A -
051893	Column charger, 80 µl	1	N/A -
044230	Spare scraper for column loader	3	N/A -
051895	Support Frame for MultiScreen HTS	10	N/A -

Cat. No.	Description	Units/ box	€/ box
051896	Deepwell recovery plate, PP, 96 wells	50	N/A -
051897	Deepwell V-Bottom recovery Plate, PP, 96 wells	100	N/A -
655101	Recovery plate, PS, 96 wells	100	N/A -
051899	Recovery plate for UV analysis, 96 wells	40	N/A -

Manifold Multiscreen HTS



Cat. No.	Description	€
051621	Multiscreen HTS Manifold	N/A -

Vacuum filtration system for Multiscreen HTS 96-well plates. Includes: base, frame for 96-well plates (standard size with seals), support grid, tubing, ON/OFF valve, vacuum control valve, pressure gauge.

- **To be used with Multiscreen**
- **Compatible with a wide range of solvents, equipped with resistant seals**
- **Can be used with 96-well recovery plates in standard or Deepwell format**
- **Spare part available on request**

Accessories

Cat. No.	Description	€
051634	Frame for Deepwell plates	N/A -
051283	Silicone vacuum hose (length 1. m)	N/A -
051158	Vacuum/pressure pump, 220 volts	N/A -

Corning® filtration units

- Neck diameter: 45 mm
- Low binding
- Pre-filters sold separately
- Sterile, individual packaging
- Non-pyrogenic
- Sterile cap in individual packaging



Cat. No.	Volume (ml)	Dimensions of the square membrane (mm)	Membrane	Threshold limit (µm)	Units/ box	€/ box
431153	150	42 x 42	Polyethersulfone	0.22	12	N/A -
431154	150	42 x 42	Cellulose acetate	0.22	12	N/A -
431155	150	42 x 42	Cellulose acetate	0.45	12	N/A -
430756	250	49.5 x 49.5	Nitrate cellulose	0.22	12	N/A -
430767	250	49.5 x 49.5	Cellulose acetate	0.22	12	N/A -
430768	250	49.5 x 49.5	Cellulose acetate	0.45	12	N/A -
430771	250	49.5 x 49.5	Nylon	0.2	12	N/A -
431096	250	49.5 x 49.5	Polyethersulfone	0.22	12	N/A -
430758	500	63 x 63	Nitrate cellulose	0.22	12	N/A -
430769	500	63 x 63	Cellulose acetate	0.22	12	N/A -
430770	500	63 x 63	Cellulose acetate	0.45	12	N/A -
430773	500	63 x 63	Nylon	0.2	12	N/A -
431097	500	63 x 63	Polyethersulfone	0.22	12	N/A -
00431475	500	63 x 63	PES, S, IND	0.1	12	N/A -
430186	1000	79 x 79	-	0.22	12	N/A -
430515	1000	79 x 79	Nylon	0.2	12	N/A -
430516	1000	79 x 79	Cellulose acetate	0.45	12	N/A -
430517	1000	79 x 79	Cellulose acetate	0.22	12	N/A -
00431474	1000	79 x 79	PES, S, IND	0.1	12	N/A -
431098	1000	79 x 79	Polyethersulfone	0.22	12	N/A -

Corning® Filtration Funnels

Cat. No.	Volume (ml)	Ø neck (mm)	Membrane	Threshold limit (µm)	Units/ box	€/ box
430624	150	33	Cellulose acetate	0.22	48	N/A -
430625	150	33	Cellulose acetate	0.45	48	N/A -
430626	150	45	Cellulose acetate	0.22	48	N/A -
430627	150	45	Cellulose acetate	0.45	48	N/A -
431160	150	33	Polyethersulfone	0.22	48	N/A -
431161	150	45	Polyethersulfone	0.22	48	N/A -
430049	500	45	Nylon	0.2	12	N/A -
430512	500	33	Cellulose acetate	0.45	12	N/A -
430513	500	45	Cellulose acetate	0.22	12	N/A -
430514	500	45	Cellulose acetate	0.45	12	N/A -
430521	500	33	Cellulose acetate	0.22	12	N/A -
431117	500	33	Polyethersulfone	0.22	12	N/A -
431118	500	45	Polyethersulfone	0.22	12	N/A -
430015	1000	45	Cellulose acetate	0.22	12	N/A -
431174	1000	45	Polyethersulfone	0.22	12	N/A -



Glass fibre pre-filters

Cat. No.	Dimensions (mm)	Volume (ml)	Units/ box	€/ box
00431410	42 x 42	150	100	N/A -
00431411	49.5 x 49.5	250	100	N/A -
00431412	63 x 63	500	100	N/A -
00431413	79 x 79	1000	100	N/A -



Enter the reference on dulis.nl
to see the Corning® filtration guide

Corning® storage bottles

- In polystyrene
- Low profile bottles with easy grip
- Cap Ø 45 mm with seal for tight closure
- Suitable for use with Ø 45 mm filter funnels
- Sterile

Pyro-genic

Cat. No.	Volume (ml)	Units/ bag/	Bags/ box	€/ box
431175	150	2	12	N/A -
430281	250	2	12	N/A -
430282	500	2	12	N/A -
430518	1000	2	12	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Sartolab RF and BT complete filter units



Ready to filter, quick and easy
- Ready-to-use sterile filter units, individually packaged, comfortable to hold thanks to their design
- Only require connection to a vacuum source

Applications
Sterilising filtration of cell culture media, buffers, additives and other aqueous solutions of biological origin or use.

PES membrane for cell culture
- Asymmetric PES membranes with very high flow rates and high filtration efficiency
- Very low specific protein adsorption
- Ideal tool for culture media or protein containing samples (retention ‹ 10 µg/cm² IgG)
- Surfactant-free
- Lowest level of extractables
- Water flow rate › 30 ml/cm².min.bar at 20 °C

Safety and quality
- Guaranteed to be cytotoxic-free
- Certified on USP class VI and ISO 10993 tests

	Filtration units Sartolab RF *				Filtration units Sartolab BT **		
Capacity (ml)	Filter size (cm)	Units/ box	Cat. No.	€/ box	Units/ box	Cat. No.	€/ box
150	4.25 x 4.25	12	**845212**	N/A -	48	**845216**	N/A -
250	4.9 x 4.9	12	**845213**	N/A -	-	-	-
500	7.95 x 7.95	12	**845214**	N/A -	12	**845217**	N/A -
1000	8.9 x 8.9	12	**845215**	N/A -	12	**845219**	N/A -
1000	8.9 x 8.9	12	**845221*** **	N/A -	-	-	-

* Complete sterile vacuum filtration units, single use, with reservoir and receiver bottle.
** Sterile, single-use vacuum filtration units with reservoir only ("Bottle Top")
*** 0.1 µm

Capacity	150 ml, 250 ml, 500 ml, 1000 ml (same volume between tank and receiving bottle)
Membrane	PES: Poly Ether Sulfone sterilising filtration threshold of 0.22 µm
Filter body and lid	Crystal clear polystyrene
Vacuum connection	by removable olive fitting
Cytotoxicity	Materials comply with USP class VI and ISO 10993 tests, certificates available
Screw neck	45 mm (for the Sartolab BT)
Sterilization	Gamma ray irradiation

Filtermax TPP complete filter units

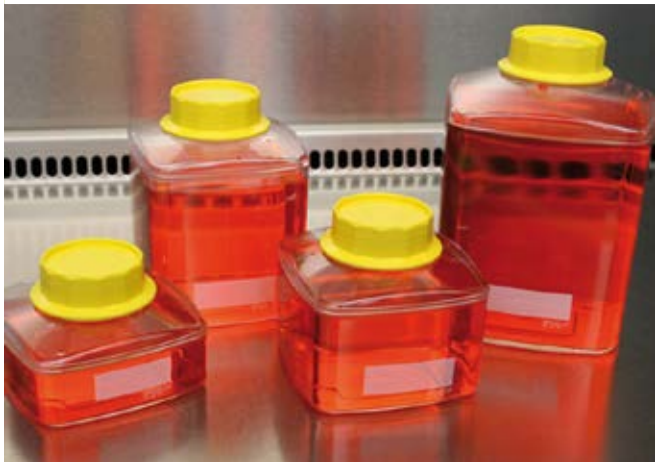


- **Square membrane with 20% more filtration area: 49 cm²**
- **PES membrane 0.22 µm**
- **Volumes available: 150, 250, 500 and 1000 ml**
- **Excellent stability**
- **Supplied with screw cap and connection in a separate bag**
- **The bottles used with their screw cap are used as storage bottles**

Cat. No.	Description	Vol. (ml)	Area* (cm²)	Dimensions (mm)	Units/ box	€/ box
199150B	Complete filtration unit	150	49	93 x 93 x 103	18	N/A -
199155B	Top filter	150	49	89 x 89 x 57	36	N/A -
191060	Complete filtration unit	250	49	93 x 93 x 143	12	N/A -
191061	Top filter	250	49	89 x 89 x 75	24	N/A -
191062B	Complete filtration unit	500	49	93 x 93 x 213	10	N/A -
191063B	Top filter	500	49	89 x 89 x 111	21	N/A -
199950B	Complete filtration unit	1000	69	111 x 111 x 285	9	N/A -
199955	Top filter	1000	69	108 x 108 x 143	12	N/A -

* Filtration area

TPP receptacle bottles



- **4 volumes available: 150, 250, 500 and 1000 ml**
- **Cap with GL-45 neck, many combinations possible**
- **Storage flasks**
- **Small volumes are suitable for refrigerators**

Cat. No.	Description	Units/ box	€/ box
199157	Sterile Receptacle bottles 150 ml	24	N/A -
199257	Sterile Receptacle bottles 250 ml	24	N/A -
199507	Sterile Receptacle bottles 500 ml	36	N/A -
199957	Sterile Receptacle bottles 1000 ml	20	N/A -

Nalgene™ Filter Unit, 50 ml tube

- With Pall Supor® Mach V PES membrane
- For filtration of small volumes in cell culture, for filtration of sera or media
- "Rapid-flow" membrane: new manufacturing technology for faster and more efficient filtration
- Low protein binding rate
- Radiation sterilisation with SAL 10^{-6}
- Supplied assembled with a sterile cap, and two tube holders in each box

Cyto-toxic



Cat. No.	Description	Units/ box	€/ box
029749	50 ml tube with PES filtration unit 0.2 µm	12	N/A -

Nalgene™ Complete Single Use Filter Unit

Different types of membranes:
- **CA or SFCA:** cellulose acetate without surfactant, colour code yellow;
- **CN**: cellulose nitrate, colour code green;
- **Nylon**, colour code red;
- **PES**: polyethersulfone, colour code blue;
- **PES FASTER:** Supor Mach V membrane with fast filtration, asymmetric, low protein binding.

Standard profile

				Volume 150 ml		Volume 250 ml	
Type	Membrane	Porosity (µm)	ø (mm)	Cat. No.	€ 12 units	Cat. No.	€ 12 units
MF75	CN	0.2	50	028560	N/A -	028566	N/A -
MF75	CN	0.45	50	028561	N/A -	028567	N/A -
MF75	CN	0.8	50	028562	N/A -	028568	N/A -
MF75	SFCA	0.2	50	028030	N/A -	028005	N/A -
MF75	SFCA	0.45	50	028031	N/A -	028569	N/A -
MF75	Nylon	0.2	50	028563	N/A -	028670	N/A -
MF75	Nylon	0.45	50	028564	N/A -	028571	N/A -
MF75	PES	0.1	50	029921	N/A -	029922	N/A -
MF75	PES FASTER	0.2	50	029663	N/A -	029666	N/A -
MF75	PES	0.45	50	028037	N/A -	028573	N/A -

				Volume 500 ml		Volume 1000 ml	
Type	Membrane	Porosity (µm)	ø (mm)	Cat. No.	€ 12 units	Cat. No.	€ 12 units
MF75 + prefilter	CN	0.2	75	028575	N/A -	028586	N/A -
MF75 + prefilter	CN	0.45	75	028576	N/A -	028587	N/A -
MF75 + prefilter	CN	0.8	75	028577	N/A -	028589	N/A -
MF75 + prefilter	SFCA	0.2	75	028006	N/A -	028590	N/A -
MF75 + prefilter	SFCA	0.45	75	028028	N/A -	028591	N/A -
MF75 + prefilter	Nylon	0.2	75	028578	N/A -	028592	N/A -
MF75 + prefilter	Nylon	0.45	75	028579	N/A -	028593	N/A -
MF75 serum	SFCA	0.2	90	028580	N/A -	028594	N/A -
MF75 serum	SFCA	0.45	90	028581	N/A -	028595	N/A -
MF75 Media-Plus	Nylon	0.2	90	028582	N/A -	028596	N/A -
MF75	PES	0.1	75	029923	N/A -	-	-
MF75	PES	0.2	75	029664	N/A -	-	-
MF75	PES	0.1	90	-	-	030084	N/A -
MF75	PES FASTER	0.2	90	029667	N/A -	029665	N/A -
MF75	PES	0.45	75	028418	N/A -	-	-
MF75	PES	0.45	90	028584	N/A -	028597	N/A -

Cyto-toxic

Pyro-genic



- Membrane holder for improved membrane tensioning and therefore faster filtration rates
- Ergonomic shape (1-turn quick opening), curved for easy gripping, wide base for better stability
- Batch number, Cat. No., membrane type and pore size printed on 50 and 75 mm diameter units
- 75 mm membranes for PES filter units
- Certified sterile (sterility period of 5 years, if the product is in its integral packaging)
- Rapid-flow membrane: manufacturing technology that maximizes membrane performance and accelerates filtration rate and speed

Low profile

					Volume 115 ml	
Membrane	Porosity (µm)	ø (mm)	Units/ bag/	Units/ box	Cat. No.	€/ box
CN	0.2	50	12	72	028552	N/A -
CN	0.45	50	12	72	028554	N/A -
SFCA	0.2	50	12	72	028556	N/A -
SFCA	0.45	50	12	72	028557	N/A -
PES FASTER	0.2	50	12	72	029662	N/A -
PES	0.45	50	12	72	028559	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Nalgene™ Singles use Top-Filters



Fits onto ISO, Pyrex or Schott glass bottles with a 33 or 45 mm neck.
PES (0.45 µm) or PES FASTER (0.2 µm) membranes, and SFCA membranes.

				33 mm neck		45 mm neck	
Membrane	Volume (ml)	Porosity (µm)	ø (mm)	Cat. No.	€ 12 units	Cat. No.	€ 12 units
PES FASTER	150	0.2	50	029670	N/A -	029671	N/A -
PES	150	0.45	50	028599	N/A -	028609	N/A -
PES FASTER	500	0.2	75	029668	N/A -	029669	N/A -
PES	500	0.45	75	028601	N/A -	028611	N/A -
PES FASTER	1000	0.2	90	029672	N/A -	029673	N/A -
SFCA	150	0.2	50	028603	N/A -	028613	N/A -
SFCA	150	0.45	50	028604	N/A -	028614	N/A -
SFCA	500	0.2	75	028605	N/A -	028615	N/A -
SFCA	500	0.45	75	028606	N/A -	028616	N/A -
SFCA	1000	0.2	90	028607	N/A -	028617	N/A -

Features PES FASTER

- **PES FASTER membranes: Supor Mach V membrane**
- **Rapid-flow membrane: new manufacturing technology for faster and more efficient filtration**
- **Asymmetrical**
- **Low protein binding rate**



Receiving bottles for Nalgene™ filtration units



Cyto-toxic

Polystyrene bottles with polyethylene screw cap for Nalgene™ filtration units.

- **Sterile**
- **45 mm neck**

Cat. No.	Volume (ml)	Units/ box	€/ box
029190	150	24	N/A -
029191	250	24	N/A -
029192	500	12	N/A -
029193	1000	12	N/A -

Nalgene™ Analytical Filtration units



Polypropylene filter unit with removable membrane and receiving flask or funnel.

- **Cellulose nitrate membrane 0.45 µm or 0.2 µm**
- **The membrane is easily removed**
- **Volume: 150 ml**
- **Gamma sterilised, single use**

Volume (ml)	150	150	150
Receiver	Flask	Flask	funnel
Membrane	NC	NC	NC
Porosity	0.2 µm	0.45 µm	0.45 µm
Colour	White	White with grid	White with grid
Units/bag	12	12	12
Units/box	72	72	72
Cat. No.	**028032**	**029335**	**029336**
€ the box	**N/A -**	**N/A -**	**N/A -**

Nalgene™ Analytical Filtration Funnels



Economical, graduated, with a membrane for filtration and microbiological analysis. The top polypropylene part of the funnel can be removed for immediate access to the membrane.

- **Cellulose nitrate membrane, approved for water control**
- **Sterile, single use**
- **White or grey membrane (turning black when wet)**

Cat. No.	Volume (ml)	Porosity (µm)	Membrane colours	Gridded	Units/ box	€/ box
029378	100	0.2	White	Without	50	N/A -
028414	100	0.45	White	Grey	50	N/A -
028004	100	0.45	Grey	White	50	N/A -
029379	250	0.2	White	Without	50	N/A -
028415	250	0.45	White	Gray	50	N/A -

Accessories

Cat. No.	Description	€
029380	Autoclavable polypropylene funnel rod only (25 units)	N/A -

Steritop filter units for flasks

To filter volumes of 150 ml to 1 l into flasks .

- **For all flasks with a 33 or 45 mm neck**
- **Sterile, individual packaging**
- **Support: polystyrene**
- **Filtration area: 40 cm²**
- **Operating temperature: 45 °C maximum**
- **Express Plus 0.22 µm PES membrane**

The storage flask (receptacle) must be ordered separately.



Pre-filter for difficult solutions

Cat. No.	Description	Pack unit.	€
051259	Pre-filter for difficult solution	100 membranes	N/A -

Funnel volume (ml)	Pores size (µm)	Units/ box		Steritop 33 mm	Steritop 45 mm	Empty sterile PS flasks 45 mm neck without filter
			Neck ø (mm)	33	45	-
150	0.22	12	Cat. No.	-	051266B	-
			€/box	-	N/A -	-
250	0.22	12	Cat. No.	-	051267B	-
			€/box	-	N/A -	-
500	0.22	12	Cat. No.	051263	051268B/051806B*	051273B
			€/box	N/A -	N/A - / N/A -	N/A -
1000	0.22	12	Cat. No.	-	051269B	051274B
			€/box	-	N/A -	N/A -

* Durapore PVDF membrane.

Millicup Flex filter units

- **Compatible with 47 mm diameter membranes**
- **Funnel volume 250 ml**
- **For GL-45 neck flasks (not included)**
- **Semi-reusable version: set of 10 funnels with 2 membrane holders and 2 hose connectors**
- **Single-use version: set of 10 funnels with 10 membrane holders and 10 hose connectors**
- **For filtration of aqueous and organic solutions**
- **Support: polypropylene**
- **Non-sterile**

Cat.No.	Description	€ 10 units
236133	Millicup Flex semi-reusable filter unit	N/A -
236134	Millicup Flex single-use filter unit	N/A -



Sterivex pressure filtration units

	Membrane	Express (PES) GP	Durapore (PVDF) GV	Durapore (PVDF) HV
Connection	Pores size (µm)	0.22	0.22	0.45
With mouthpiece LL female and filling bell	Cat. No.	051188	051191	051194
	Packaging unit	10	10	10
	€ 10 units	N/A -	N/A -	N/A -
With mouthpiece LL male	Cat. No.	051189	051192	051195
	Packaging unit	15	15	15
	€ 15 units	N/A -	N/A -	N/A -
With mouthpiece male notched	Cat. No.	051208	051206	051215
	Packaging unit	15	15	15
	€ 15 units	N/A -	N/A -	N/A -

For the sterilising filtration or clarification of aqueous solutions, for volumes up to 2 l.

- **Filtration area: 10 cm²**
- **Dead volume ‹ 200 µl after purging**
- **Pressure: 3 bars maximum**
- **Unit material: Eastar**
- **Gamma ray sterilisation**
- **Operate under pressure with a syringe, peristaltic pump or pressure vessel**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Universal filter for Stericap PLUS flasks



For high-speed sterilisation of 5 to 10 litres by vacuum filtration.

- **High throughput and efficiency, low protein adsorption**
- **Sterile, individual packaging**
- **Fits most flasks with a neck internal diameter between 20 and 67 mm**
- **Millipore Express Plus PES membrane, 0.22 µm**
- **Filtration area: 40 cm²**
- **Supplied with a weighted hose for immersion in the solution to be filtered**

Cat. No.	Description	€ 10 units
051592	Stericap Plus Filter Unit 0.22 µm	N/A -

Steripak Filtration units



For sterilisation of 10 to 20 litres.

- **Capsule filters supplied sterile, ready to use**
- **Composed of a stack of 0.22 µm PES Express Plus membranes with low protein adsorption**
- **For connection to a peristaltic pump for rapid filtration of up to 20 litres of culture media solutions**

Cat. No.	Description	Filtration area	Pack unit.	€
051456	Steripak Filter Units 10	100 cm²	3	N/A -
051460	Steripak Filter Units 20	200 cm²	3	N/A -

Steriflip Filtration units



For vacuum filtration of volumes below 50 ml.

- **Consisting of a double threaded connection with a membrane, a vacuum outlet and a 50 ml tube**
- **Gamma sterile, individually wrapped, single use**
- **With cap**
- **Principle: simply attach the Steriflip to the 50 ml tube, turn the assembly upside down and apply the vacuum**
- **Eliminates filtrate transfer and avoids the risk of contamination**

Device	MBS / polypropylene
Inlet fittings	Double pitch thread with vacuum connection
Outlet fittings	Double pitch thread for centric tube. 50 ml
Filtration area	7 cm²
Volume processed / dead	50 ml / 600 µl
Max. operating temperature	45 °C

Cat. No.	Description	Membrane	Units/ box	€/ box
051185	Steriflip-GP	PES 0.2 µm	25	N/A -
051637	Steriflip-GV	PVDF 0.2 µm	25	N/A -
051703	Steriflip-HV	PVDF 0.45 µm	25	N/A -
051805	Steriflip-NY	Nylon 20 µm	25	N/A -
051789	Steriflip-NY	Nylon 40 µm	25	N/A -
051790	Steriflip-NY	Nylon 60 µm	25	N/A -
051791	Steriflip-NY	Nylon 100 µm	25	N/A -

Accessory

Cat. No.	Description	Units/ box	€/ box
051187	Funnel 50 ml for Steriflip	25	N/A -

Stericup® Complete filter units

Membrane Express Plus: high flow and low adsorption membrane.
Vacuum filter units for volumes from 150 ml to 1 l.

- **Sterile, individual packaging**
- **Support: polystyrene**
- **Filtration area: 40 cm²**
- **Operating temperature: 45 °C maximum**
- **Single use**

Membranes

- **PES (GP): Express Plus fast flow membrane**
- **Durapore (GV): low protein adsorption membrane**



Volume receptacle (ml)	Volume funnel (ml)		Stericup VP	Stericup GP	Stericup GV	Stericup HV
		Membrane	Express Plus Membrane (PES) 0.1 µm	Express Plus Membrane (PES) 0.22 µm	Durapore Membrane (PVDF) 0.22 µm	Durapore Membrane (PVDF) 0.45 µm
150	150	Cat. No.	-	051244B	051249B	051284B
		€/box of 12	-	N/A -	N/A -	N/A -
250	250	Cat. No.	051243	051245B	051250B	051285B
		€/box of 12	N/A -	N/A -	N/A -	N/A -
500	500	Cat. No.	-	051246B	051251B	051286B
		€/box of 12	-	N/A -	N/A -	N/A -
1000	500	Cat. No.	051955B	051247B	051252B	-
		€/box of 12	N/A -	N/A -	N/A -	-
1100	1000	Cat. No.	-	051248B	051253B	051288B
		€/box of 12	-	N/A -	N/A -	N/A -

Pre-filter for difficult solutions

Cat. No.	Description	Units/ box	€/ box
051259	Pre-filter for difficult solution	100 membranes	N/A -

Stericup E and Steritop E complete filter units

- **Membrane Express plus: high flow and low adsorption membrane**
- **Sterile, individual packaging**
- **Membrane: 0.22 µm, PES**
- **Support: polystyrene**
- **Filtration area: 40 cm²**
- **Operating temperature: 50 °C**
- **Single use**
- **Direct attachment to 38 or 45 mm neck bottles, elimination of funnel reduces waste**
- **Stericup: filter unit and storage bottle**
- **Steritop: filter unit, 45 mm neck storage bottle to be ordered separately**



Model	Receptacle volume (ml)	Thread (mm)	Cat. No.	€
Stericup	500	38	236055	218 -
		45	236056	218 -
	1000	38	236057	307 -
		45	236058	307 -
Steritop	‹ 2000	38	236059	156 -
		45	236060	156 -

Accessories

CatNo.	Description	€ 12 units
051273B	Empty sterile PS bottle with 45 mm neck without filter 500 ml	N/A -
051274B	Empty sterile PS bottle with 45 mm neck without filter 1000 ml	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Complete sterile filter units



Filter units and bottle-tops for vacuum filtration. Ideal for sample separation and purification. Wide choice of membranes: 0.22 or 0.45 µm porosity, in mixed cellulose esters (MCE), nylon, PVDF and PES.

- **Graduated**
- **Radiation sterilised, peelable unit pack**
- **Polystyrene funnel, bottle and filter holder made of virgin polypropylene**

Pyro-genic

Complete Filter Units

Volume	150 ml			250 ml			500 ml			1000 ml		
Porosity (µm)	0.2	0.45	€ 12 units	0.2	0.45	€ 12 units	0.2	0.45	€ 12 units	0.2	0.45	€ 12 units
Membrane												
PES	141303	141305	N/A -	141234	141238	N/A -	141242	141246	N/A -	141304	141306	N/A -
MCE		-	-	141232	141236	N/A -	-	-	-	-	-	-
PVDF		-	-	141235	141239	N/A -	141243	141247	N/A -	141307	141308	N/A -
Nylon		-	-	141233	141237	N/A -	141241	141245	N/A -	-	-	-

Bottle-top - Fits onto an ISO flask with 45 mm neck

Volume	250 ml		500 ml	
Porosity (µm)	0.2	€ 24 units	0.2	€ 24 units
Membrane				
PES	141309	N/A -	141310	N/A -

Polycap Whatman™ Filter capsules



For filtering from 1 to 20 litres

- **Large surface area devices for applications involving large volumes of solution**
- **Large surface area capsule filters recommended for filtering volumes from 1 to 20 l**
- **Grooved ends for tubes with an internal diameter of 6 to 10 mm**
- **Sterile**
- **2 types of membranes:**
  - TC "Tissue Culture": PES membrane
  - AS: Nylon membrane, high protein affinity, reserved for aqueous solutions

Applications

- **Aqueous pharmaceutical solutions**
- **Culture media**
- **Reagent preparation**
- **Viral suspensions**
- **Particle Counting Solutions**
- **Cleaning or rinsing solutions**

Polycap™ SPF Serum PreFilter: optimised for pre-filtration operations.Typically used upstream of Polycap AS (Nylon) or TC (PES) capsules, for the filtration of biological media.

- **Gradient of glass fibre pre-filters and a final 1 µm PES membrane**
- **Available in 2 sizes**
- **Grooved connectors for standard tubes with an internal diameter of 6-10 mm**

Applications

- **Pre-filtration of serum**
- **Tissue culture**
- **Immunoassays**
- **Standard checks / diagnostics**

* Barbed fitting: Step barb end for tubing with an internal diameter of 6 to 10 mm;
1/2'' step barb: Step barb end for tubing with an internal diameter of 10 to 12 mm.

Membrane	Filtration threshold (µm)	Filtration area (cm²)	Connection* input	Connection* output	Flow rate litres/min to 1 bar (14.5 psi)	Event	Sterile	Units/ box	Cat. No.	€/ box
Polycap 36 SPF										
Gradient fibreglass glass/PES	1	260	1/2" Barbed	1/2" Barbed	4	Yes	Yes	1	**036519**	**N/A -**
Polycap 75 SPF										
Gradient fibreglass glass/PES	1	535	1/2" barbed	1/2" barbed	13	Yes	Yes	1	**036520**	**N/A -**

Polycap filter capsules (continued)

Polycap Tissue Culture: for safe and efficient filtration of biological solutions and tissue culture media

- **A two-layer PES membrane, naturally hydrophilic, with low levels of extractables and high specific flow rates**
- **Low protein adsorption rate**
- **Pre-sterilised with gamma rays**
- **Protected capsule outlet**
- **Models also available with NPT threaded connections**

Membrane	Filtration threshold (µm)	Filtration area (cm²)	Connection* input	Connection* output	Flow rate litres/min to 1 bar (14.5 psi)	Event	Sterile	Units/ box	Cat. No.	€/ box
Polycap 36 TC										
PES	0.2 / 0.1	550	Step barb	Step barb	3.5	Yes	Yes	1	**036498**	**N/A -**
PES	0.2 / 0.2	550	Step barb	Step barb	5.3	Yes	Yes	1	**036499**	**N/A -**
PES	0.65 / 0.45	550	Step barb	Step barb	9	Yes	Yes	1	**036500**	**N/A -**
Polycap 36 TC with bell										
PES	0.2 / 0.1	550	Step barb	Step barb	3.5	Yes	Yes	1	**036502**	**N/A -**
PES	0.2 / 0.2	550	Step barb	Step barb	5.3	Yes	Yes	1	**036503**	**N/A -**
PES	0.8 / 0.2	380	Step barb	Step barb	7.6	Yes	Yes	1	**036210**	**N/A -**
PES	0.2 / 0.2	550	MNPT	Step barb	—	Yes	Yes	1	**036504**	**N/A -**
PES	0.65 / 0.45	550	Step barb	Step barb	9	Yes	Yes	1	**036505**	**N/A -**
Polycap 36 AS										
Nylon	0.2	400	Step barb	Step barb	NC	Yes	Yes	1	**036095**	**N/A -**
Nylon	0.45	400	Step barb	Step barb	NC	Yes	Yes	1	**036096**	**N/A -**
Nylon	0.2	400	Step barb	Step barb	NC	Yes	Yes	1	**036098***	**N/A -**
Polycap 75 TC										
PES	0.2 / 0.1	1100	Step barb	Step barb	7	Yes	Yes	1	**036506**	**N/A -**
PES	0.2 / 0.2	1100	Step barb	Step barb	11.5	Yes	Yes	1	**036507**	**N/A -**
PES	0.65 / 0.45	1100	1/2" Step barb	1/2" Step barb	17	Yes	Yes	1	**036508**	**N/A -**
PES	1.0 / 1.0	1100	1/2" Step barb	1/2" Step barb	—	Yes	Yes	1	**036510**	**N/A -**
Polycap 75 TC with bell										
PES	0.2 / 0.2	1100	Step barb	Step barb	11.5	Yes	Yes	1	**036512**	**N/A -**
PES	0.8 / 0.2	760	Step barb	Step barb	15.2	Yes	Yes	1	**036211**	**N/A -**
Polycap 150 TC										
PES	0.2 / 0.1	2200	1/2" Step barb	1/2" Step barb	17	Yes	Yes	1	**036515**	**N/A -**
PES	0.2 / 0.2	2200	1/2" Step barb	1/2" Step barb	26	Yes	Yes	1	**036101**	**N/A -**
PES	0.65 / 0.45	2200	1/2" Step barb	1/2" Step barb	37	Yes	Yes	1	**036516**	**N/A -**
Polycap 150 TC with bell										
PES	0.2 / 0.2	2200	1/2" Step barb	1/2" Step barb	26	Yes	Yes	1	**036518**	**N/A -**
PES	0.8 / 0.2	1140	1/2" Step barb	1/2" Step barb	—	Yes	Yes	1	**036214**	**N/A -**

* with filling bell
* Barbed fitting: Step barb end for tubing with an internal diameter of 6 to 10mm; 1/2" step barb: Step barb end for tubing with an internal diameter of 10 to 12 mm; MNPT: Male National Pipe Thread

Polycap™ HD «Heavy Duty»: ideal pre-filter for the filtration of aqueous or organic solutions between 1 and 20 µm

- **Depth media for filtration of loaded solutions**
- **Available in 2 sizes**
- **Step barb connectors for tubes with an internal diameter of 6 to 12 mm**

* Barbed fitting: Step barb end for tubing with an internal diameter of 6 to 10 mm; 1/2'' step barb: Step barb end for pipes of 10 to 12 mm internal diameter.



Applications

- **Pre-filtration**
- **Sample preparation**
- **Solvents**
- **Buffers**
- **Reagents**

Membrane	Filtration threshold (µm)	Filtration area (cm²)	Connection* input	Connection* output	Flow rate litres/min to 1 bar (14.5 psi)	Event	Sterile	Units/ box	Cat. No.	€/ box
Polycap 36 HD										
PP	1	400	Step barb	Step barb	4	No	No	1	**036521**	**N/A -**
PP	5	400	Step barb	Step barb	5.5	No	No	1	**036522**	**N/A -**
PP	10	400	Step barb	Step barb	6.5	No	No	1	**036523**	**N/A -**
PP	20	400	Step barb	Step barb	9	No	No	1	**036524**	**N/A -**
Polycap 75 HD										
PP	1	820	1/2" Step barb	1/2" Step barb	8	No	No	1	**036525**	**N/A -**
PP	5	820	1/2" Step barb	1/2" Step barb	14	No	No	1	**036526**	**N/A -**
PP	10	820	1/2" Step barb	1/2" Step barb	21	No	No	1	**036527**	**N/A -**
PP	20	820	1/2" Step barb	1/2" Step barb	› 30	No	No	1	**036528**	**N/A -**

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50 mm polycarbonate filter holder



For laboratory filtrations. Made of chemically stable and autoclavable polycarbonate.
Can be connected to a peristaltic pump or a pressure tank.

* The material can withstand repeated autoclaving cycles, provided that any chemically aggressive substances have been thoroughly cleaned beforehand, and that the boiler water does not contain any anti-corrosive or anti-scaling additives.

Chemical compatibility	See that of materials
Filtration area	12.5 cm²
Weight	83 g
Tip	M12 x 1
Material	Body (top and bottom) in PC
	PC connector tips
	PP filter support grid
	Silicone O-ring gasket (40x5mm)
Max. pressure:	7 bar / 700 kPa / 101.5 psi
ø filter required	50 mm (prefilter 40 mm)
Sterilization	Autoclaving at 121 °C *
Cat. No.	**150458**
€/ 5 units	**N/A -**

Additional spare parts

Cat. No.	Description	€
150459	M12x1 polycarbonate connector	**N/A -**
150460	Polypropylene grid for filter holder (2 units)	**N/A -**
150461	Silicone O-ring gasket (40 x 5 mm)	**N/A -**
150462	Polycarbonate base	**N/A -**

Complete Pyrex Scilabware filtration system



- **Made of glass, fully autoclavable**
- **Suitable for membrane Ø 47 mm**
- **Ideal for microbiology**

Includes 4 items:
- 300 ml funnel;
- support base with sintered disc and vacuum connector;
- metal retaining clip;
- 1000 ml conical flask suitable for use under vacuum.

Cat. No.	Description	€
001967	Graduated glass funnel 300 ml	**N/A -**
001968	Base and vacuum connector	**N/A -**
001969	Glass conical flask 1000 ml	**N/A -**
001970	Metal retaining clip	**N/A -**
001966	Complete system including the 4 components	**N/A -**

Complete filtration system made of Schott DURAN borosilicate glass



Supplied with:
- 1000 ml vacuum flask, with NS45/40;
- NS 45/40 head with connection for GL14 hose;
- pTFE adapter disc;
- glass filter disc, 50 mm in diameter;
- slit-sieve Büchner disc, 48 mm in diameter;
- funnel with 250 ml scale;
- anodised aluminium clamp;
- plastic hose connection, straight in PP with silicone gasket, GL14
- screw cap in red PBT GL14.



Cat. No.	Description	€
090986	Complete Filtration unit with PTFE adapter disc and clamp	**N/A -**

Adapter

- **PTFE adapter for direct filtering onto a GL45 neck bottle**
- **Connection between NS 45/40 ground neck and GL45 threaded neck**
- **For use with pressure-resistant bottles (see page 1034)**

Cat. No.	Description	€
084486	DURAN PTFE adapter for filtration on GL45 bottles	**N/A -**

Filter funnels



Borosilicate glass Funnels.

- **For Membranes of 25 mm or 47 mm diameter**
- **With sintered glass disc**
- **To be completed with silicone caps, clamps and filter vials**

Filter funnels

Cat. No.	Capacity (ml)	Membrane ø (mm)	€
046481	15	25	**N/A -**
046482	100	25	**N/A -**
046483	250	47	**N/A -**

Silicone caps

Cat. No.	Description	€
046484	Silicone cap for funnel 15 ml and 100 ml	**N/A -**
046485	Silicone cap for funnel 250 ml	**N/A -**

Clamps

Cat. No.	Description	€
046486	Clamp for funnel 15 ml et 100 ml	**N/A -**
046487	Clamp for funnel 250 ml	**N/A -**

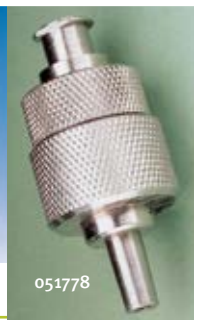
Swinnex filter holders

MERCK

For 13, 25 or 47 mm membrane filters. For pressure filtration of small volumes of liquids dispensed with a syringe. Supplied without filter and pre-filter.

- **Autoclavable polypropylene with membrane filter in place**
- **Swinnex 13 and 25 mm: female Luer lock inlet, male Luer Slip outlet**
- **Swinnex 47: inlet: combination of female Luer Slip and 1/4" NP™ threaded fitting; outlet: combination of female Luer Slip and 1/4" tubing fitting**





Swinnex filter holders

Cat. No.	Description	Filter ø (mm)	Prefilter ø (mm)	Units/ box	€/ box
044093	Swinnex Holder 13	13	10	10	N/A -
051778	Swinny stainless steel holder 13	13	10	1	N/A -
044094	Swinnex Holder 25	25	22	12	N/A -
044095	Swinnex Holder 47	47	42	8	N/A -

Stainless steel holders

Cat. No.	Description	€
053721	Analytic Filter Holder 13 mm, stainless steel	N/A -
051679	Microsyringe Filter Holder 25 mm, stainless steel, luer-lock	N/A -
053722	Microsyringe Filter Holder 25 mm, stainless steel, NPTF	N/A -

Millipore Pyrex Filter Holders

MERCK

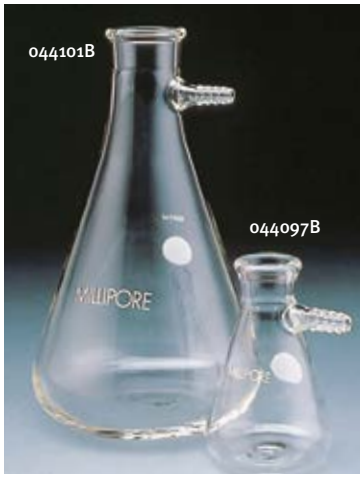
Supplied complete with funnel, filter support grid, anodised aluminium assembly clamp, pierced silicone cap.

Applications

- **Sintered glass support grid: for bacteriological analyses of water, analyses of solid materials suspended in water**
- **Sintered glass support grid + Teflon-coated sockets: for bacteriological analyses that require autoclaving of the holder with the filter in place**
- **Stainless steel support grid: for the analysis of particulate contamination in fluids and hydrocarbons by gravimetry or particle counting**







Filter holders 25, 47 and 90 mm

Cat. No.	Filter holder screen	Filter ø (mm)	Funnel capacity (ml)	Perforated cap Fitting No.	€
044096B	Sintered glass	25	15	5	N/A -
044099B	Stainless steel	25	15	5	N/A -
044100B	Sintered glass	47	300	8	N/A -
044103B	Sintered glass Teflon thread	47	300	8	N/A -

Vacuum flasks

Cat. No.	Description	Units/ box	€/ box
044097B	Vacuum flask 125 ml (inner neck ø 27 mm)	1	N/A -
044101B	Vacuum flask 1 litre (inner neck ø38 mm)	1	N/A -
044105B	Vacuum flask 4 litres	1	N/A -
044098B	Perforated Silicone cap n°5 for flask 044097B*	5	N/A -
044102B	Perforated Silicone cap n°8 for flasks 044101B and 044105B**	5	N/A -

* bottom part ø x top ø x H (mm): 24 x 29 x 25 mm
** bottom part ø x top ø x H (mm): 35 x 43 x 25 mm

All Pyrex® Filtration unit

Cat. No.	Description	€
044107B	Filter unit with sintered glass filter holder	N/A -

For 47 mm membrane filters.
Vacuum filtration of aqueous, organic or corrosive solutions for filtrate recovery or particulate contamination analysis.
Also recommended for the filtration of organic solvents.
Supplied complete with funnel, filter support screen, anodised aluminium assembly clamp, Pyrex® base and side tubing stopper, 1 litre ground-neck vacuum flask.



Spare parts

Cat. No.	Description	€
051374B	Glass funnel	N/A -
051373B	Sintered base	N/A -
051692	Glass base with stainless steel screen	N/A -
051753	PTFE Gasket for support screen - 25 units	N/A -
053818	Filter support screen	N/A -
051736	Clamp	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Millex Samplicity filtration systems



High throughput alternative to syringe filters when preparing samples for chromatography.

- **Made of polypropylene**
- **Vacuum system for 1 to 8 samples**
- **Filtration without manual force**
- **For the filtration of small samples of less than 300 µl**
- **Dimensions L x W x H: 445 x 102 x 91 mm**
- **Weight: 1.32 kg**

Samplicity Filter Systems

Cat. No.	Description	€
044444	Samplicity G2 Blue Filter System	**N/A -**
044445	Samplicity G2 Green Filter System	**N/A -**
044448	Replacement Lid	**N/A -**

Millex filters for samplicity G2 system

Pore size (µm)	Max. Vol. (ml)	Membrane	Filter housing	Input / output	Type Millex	Ø (mm)	Cat. No. Merck Millipore	Cat. No.	Units/ box	€/ box
0.22	1.6	Durapore	PP	LL/LT	Millex-GV	33	SAMP2GVNB	**044438**	250	**N/A -**
0.45	1.6	Durapore	PP	LL/LT	Millex-GV	33	SAMP2HVNB	**044439**	250	**N/A -**
0.22	1.6	Express Plus	PP	LL/LT	Millex-GP	33	SAMP2GPNB	**044440**	250	**N/A -**
0.45	1.6	Express Plus	PP	LL/LT	Millex-GP	33	SAMP2HPNB	**044441**	250	**N/A -**
0.2	1.6	Nylon	PP	LL/LT	Millex-GN	33	SAMP2GNNB	**044442**	250	**N/A -**
0.45	1.6	Nylon	PP	LL/LT	Millex-GN	33	SAMP2HNNB	**044443**	250	**N/A -**

Samplicity Millex filters: filters with integrated funnel

Pore size (µm)	Max. Vol. (ml)	Membrane	Filter housing	Input / output	Ø (mm)	Cat. No. Merck Millipore	Cat. No.	Units/ box	€/ box
0.45	1.6	PVDF	HDPE	Samplicity Millex	25	SAMPHV001	**044446**	96	**N/A -**
0.45	1.6	PVDF	HDPE	Samplicity Millex	25	SAMPHV004	**044447**	384	**N/A -**

SARTORIUS

Claristep Sartorius filtration system



- **Up to 8 samples are processed simultaneously**
- **No syringe, vacuum source or power supply required**
- **For sample volumes ranging from 60 to 600 µl**
- **Hold-up volume ‹30 µl**
- **A groove system guides the stopper into the correct position for simultaneous and precise closure**
- **Extremely short contact time of samples with filters and stoppers for optimal results without contamination**
- **The filtered liquids are collected in 12 x 32 mm vials according to the method of analysis to be performed**

The Claristep filter system includes:

- a base, a lid and an exchangeable tray for easy and accurate positioning of samples;
- filters: the liquid passes through the filter thanks to an air pocket that forms on each filter when the unit is closed. This air pocket is released when the user releases the lid.

Cat. No.	Description	€
153033	Complete Claristep Filter System	**N/A -**
153034	Tray for Claristep Filter System	**N/A -**

Filters

- **In regenerated cellulose (RC)**
- **Polypropylene body**
- **Ø (mm): 9.7**
- **Non-sterile**
- **Autoclavable**

Cat. No.	Porosity (µm)	Units/ box	€/ box
153032	0.2	96	**N/A -**
153031	0.2	480	**N/A -**
153030	0.45	96	**N/A -**
153029	0.45	480	**N/A -**

Sartorius Complete Filter System made of borosilicate glass

SARTORIUS

- **Completely made of glass**
- **To be used for particle removal from solvents for analytical determinations**
- **Ideal device for ultra-cleaning and degassing of solvents and solvent mixtures for HPLC, GC and AA**

Supplied complete with:
- bottle made of borosilicate glass, 1 l;
- base and funnel made of borosilicate glass;
- filter holder: sintered glass, including 1 PTFE ring and 1 O-ring gasket made of Viton (45 x 3 mm);
- 1 anodised aluminium clamp.

Membrane	Diameter from 50 / 47 mm
Filtration area	12.5 cm²
ø outer lateral end	6 to 9 mm
Max. pressure:	Empty only
Chemical compatibility	see that of glass and PTFE
Vol. funnel / Bottle Vol.	250 ml / 1 litre
Sterilization	autoclaving (121 or 134 °C) dry heat (max. 180 °C)
Cat. No.	**147031**
€	**N/A -**


147031

Additional spare parts

Cat. No.	Description	€
6980119	250 ml borosilicate glass funnel	**N/A -**
150453	Sintered glass filter holder	**N/A -**
150454	PP connector with viton seal	**N/A -**
150456	Borosilicate glass base	**N/A -**
150457	1 l borosilicate glass flask	**N/A -**

Sartorius Borosilicate Glass Filter Holders

- **Vacuum filtration media for hybridization testing, particle testing and clarification**
- **Available for two filter diameters: 24-25 mm or 47-50 mm**
- **Vacuum use only**
- **Sterilisable by autoclave (max. 134 °C) or dry heat (max. 180 °C)**

Filter system contains:
- borosilicate glass funnel;
- borosilicate glass base;
- anodized aluminium clamp
- silicone lid (for 50 mm filters only)
- sintered glass or Teflon coated stainless steel filter holder


147000

036893



Sintered glass filter system

- **Ensures uniform particle distribution and better recovery of residues from the filter surface**
- **Contains: 1 sintered glass, 1 PTFE ring and 1 silicone O-ring gasket**

Stainless steel/PTFE filter holder

- **Due to its easy cleaning, it is best suited for filtrate recovery or radiochemical tasks**
- **Contains: 1 PTFE-faced filter holder screen, 1 PTFE-faced drainage sub-screen, 1 PTFE ring and 1 silicone O-ring gasket**

For filter Ø (mm)	Funnel capacity (ml)	Ø outlet spout (mm)	Filter area (cm²)	Filter holder	Cat. No.	€
24-25	30	12	3	Sintered glass	**036893**	**N/A -**
				Stainless steel / PTFE	**150435**	**N/A -**
47-50	250	15	12.5	Sintered glass	**147000**	**N/A -**
				Stainless steel / PTFE	**150443**	**N/A -**

Additional spare parts

For holders with diameter	24-25 mm	€	47-50 mm	€
Funnel	**150437**	**N/A -**	**6980119**	**N/A -**
Base	**150438**	**N/A -**	**146634**	**N/A -**
Sintered glass filter holder	**150441**	**N/A -**	**150451**	**N/A -**
Stainless steel/PTFE filter holder	**150442**	**N/A -**	**150452**	**N/A -**
Clamp	**150436**	**N/A -**	**150449**	**N/A -**

Filter holders for use with a bottle + perforated cap

Cat. No.	Description	€
150193	2 l vacuum flask in borosilicate glass	**N/A -**
150470	Silicone stopper, perforation ø 11-12 mm, for filter holders 24-25 mm	**N/A -**
150471	Silicone stopper, perforation ø 14-15 mm, for filter holders 47-50 mm	**N/A -**

Or on a Combisart® filtration manifold (with an adapter)

Cat. No.	Description	€
036894	Adapter for filter holders ø 24-25 mm to Combisart® Manifold	**N/A -**
150469	Adapter for filter holders ø 47-50 mm to Combisart® Manifold	**N/A -**

The filter holders are to be completed with a vacuum flask + perforated stopper or to be used on a Combisart® Manifold (with adapter).


150193


146871

FILTRATION

All prices are indicative and exclude VAT. Visit www.dulis.nl

Complete borosilicate glass filter system

- Borosilicate glass 3.3
- For membranes Ø 47 mm



Filter assembly with rubber stopper

Cat. No.	Description	€
940894	Complete filer system with rubber stopper, including the 5 items below	N/A -
940896	300 ml filter funnel	N/A -
940897	Sintered glass base with rubber stopper Ø 47 mm	N/A -
940895	Erlenmeyer flask 1000 ml with Ø 11 mm hose connection	N/A -
940898	Aluminium clamp	N/A -
942998	Silicone stopper	N/A -

Filtration System with glass joint

Cat. No.	Description	€
940899	Funnel Filtration System complete with glass joint, includes all 4 items below	N/A -
940896	300 ml Filter funnel	N/A -
940902	Sintered glass base	N/A -
942997	Erlenmeyer flask 1000 ml with ground joint 40/35	N/A -
940898	Aluminium clamp	N/A -

Solvent filter units with pump

ROCKER



- Complete system with VF12 filter system and vacuum pump
- Ideal for the purification of organic solvents or corrosive liquids such as HPLC mobile phases
- Compact and secure unit
- Oil-free, maintenance-free membrane pumps
- Good chemical resistance (PTFE coated membrane and chamber, 316 stainless steel valve plate)
- Automatic shutdown in case of overheating
- 47 mm membrane filter system
- Storage of filtrate directly in GL 45 neck bottles

Complete system delivered with:
- Pump
- Connecting hose
- Fully autoclavable VF12 filter system
  . glass funnel 300 ml
  . anodised aluminium clamp
  . glass base for 47 mm filter
  . silicone stopper
  . adapter for GL 45 neck bottles in polypropylene with PTFE gasket
  . 1000 ml bottle in borosilicate glass GL 45

Accessories

Cat. No.	Description	€
886006	VF12 filter system complete with 1 l bottle	N/A -
886007	System includes 300 ml funnel, holding clamps and filter holder	N/A -
886008	Adapter for GL 45 neck bottles	N/A -

Cat. No.	Description	€
886084	VF12 Filter unit supplied with Rocker 300C vacuum pump	N/A -
886162	VF12 Filter unit supplied with Chemker 300 vacuum pump	N/A -
886092	VF12 Filter unit supplied with Lafil 300C vacuum pump	N/A -

Glass filtration devices



- Funnel and glass botlle
- Clear grading on funnel
- Sintered glass or stainless steel depending on the application

ROCKER



Model	VF3	VF 5	VF 6	VF 7	VF 8
Funnel volume (ml)	300	15	300	300	15
Vacuum flask volume (ml)	1000	125	1000	1000	125
Sintered	Glass	Glass	Glass	Stainless steel	Stainless steel
Filter diameter (mm)	90	25	47	47	25
Cat. No.	**886100**	**886101**	**886102**	**886103**	**886104**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Continuous filtration kit

Cat. No.	Description	€
886217	Continuous filtration kit for VF3/VF6/VF7/VF12 systems	N/A -

Filtration systems with drainage

- **Complete system for large volume filtration or purification of solvents or corrosive liquids**
- **Stainless steel filter holder compatible with rapid flame sterilisation**
- **Vacuum flask with drainage system**
- **SF11 system with silicone fixing sucker**

Material:
- funnel, filter holder and base in **autoclavable 316 stainless steel**
- **autoclavable silicone** stopper N°8 for SF11 and N° 18 for SF52
- **autoclavable borosilicate glass** vacuum flask
- **rubber** drainage hose (not autoclavable)



Filtration Apparatus	SF11	SF52
Funnel (ml)	100	500
Vacuum flask (ml)	1000	2000
Filter membrane diameter (mm)	47	
Filtration area (cm²)	9.6	
Lateral end for pipe tubing with Ø (mm)	8	
Funnel gradations	50 / 100 ml	300 / 500 ml
Cat. No.	**886097**	**886093**
€	**N/A -**	**N/A -**

System accessories

	SF11		SF52	
	Cat. No.	**€**	**Cat. No.**	**€**
Funnel (100 ml for SF11, 500 ml for SF52)	**886169**	**N/A -**	**886171**	**N/A -**
Stainless steel filter support grid	**886230**	**N/A -**	**886230**	**N/A -**
Stainless steel base 47 mm	**886231**	**N/A -**	**886231**	**N/A -**
Silicone stopper (n°8 for SF11; n°18 for SF52)	**886109**	**N/A -**	**886110**	**N/A -**
Vacuum flask (1000 ml for SF11; 2000 ml for SF52)	**886113**	**N/A -**	**886114**	**N/A -**
Silicone fixing sucker	**886115**	**N/A -**	-	-

WaterVac 100 Ultra-compact filter system

- **Compact unit**
- **The filtrate is discharged directly through a silicone tube after passing through the pump**
- **Ideal for working in a laminar flow hood**
- **Available in pack with silicon adapter no. 8 or stainless steel base for stainless steel funnel**
- **Interchangeable filter unit base allows the use of a wide variety of funnels**



Maximum vacuum (mmHg)	540
Maximum air/clear water flow rate (l/min)	2.2/0.5
Inner/outer Ø of drain tubing (mm)	4/8
Ambient operating temperature (°C)	5 to 40
Dimensions (L x Dx H) (mm)	170 x 120 x 96
Power supply	DC 12v, 1.5A / AC 100-240v 50/60Hz
Weight (kg)	1.16
WaterVac 100 pump only	**886018**
€	**N/A -**
WaterVac 100 pump with silicone nozzle no. 8	**886019**
€	**N/A -**
WaterVac 100 pump with stainless steel base for stainless steel funnels	**886020**
€	**N/A -**

Accessories available on dulis.nl



All prices are indicative and exclude VAT. Visit www.dulis.nl

Rocker Filter Manifolds











- In 3 or 6 branches version
- Stainless steel or aluminium manifold according to model
- 3 versions: - MB with base for stainless steel filter holder
  - MS with base for filter holder with silicone stopper No. 8 (magnetic or glass)
  - Version without base for adapter

Material	Number of channels	Version	Cat. No.	€/ box
Stainless steel	3	MB with stainless steel funnels 100 ml	886196	N/A -
	6		886197	N/A -
	3	MB	886039	N/A -
	6		886040	N/A -
	3	MS	886037	N/A -
	6		886036	N/A -
Aluminium	3		886038	N/A -
Stainless steel	3	For adapters	886122	N/A -
	6		886121	N/A -

Adapters

Cat. No.	Description	€
886022	Sartorius Funnel Adapter for Rocker manifold	N/A -
886021	Millipore Funnel Adapter for Rocker manifold	N/A -
886123	PALL Funnel Adapter for Rocker manifold	N/A -

Funnels

- Stainless steel funnels
- Quarter-turn fixation

Cat. No.	Volume (ml)	Filter size (mm)	Compatible Systems	€
886169	100	47	886039, 886040	N/A -
886170	300	47		N/A -
886171	500	47		N/A -

Lids for stainless steel funnels

Cat. No.	Description	€
886172	Lid for stainless steel funnel 100 ml	N/A -
886173	Lid for stainless steel funnel 300 ml and 500 ml	N/A -

Alligator 200 Filter System



- Ideal for filtration of a large number of samples
- Filtrate discharged directly after passing through the pump
- No need for a waste collection container
- Quick-Fit fitting for easy connection to both sides of the pump
- Ideal for microbiology applications or water testing without the need for filtrate recovery

Maximum vacuum (mmHg)	525
Maximum flow rate (l/min)	4.5
Power supply	220 V, 2.5 A
Dimension L x W x H (cm)	21.4 x 18.3 x 26.4
Materials in contact with the filter	316 stainless steel, FKM, silicone, PP, PPS
Protection index	IP64
Cat. No.	**886127**
€	**N/A -**

WaterVac 200 Filter System

- **Compact unit, ideal for working in a laminar flow hood**
- **To perform two simultaneous filtrations**
- **Filtrate discharged directly through a hose after passing through the pump**
- **Interchangeable filter unit base allows the use of a wide variety of funnels**
- **Ideal for microbiology applications or water testing without the need for filtrate recovery**
- **Fitted with taps for independent two-branch operation**



Maximum vacuum (mmHg)	525
Maximum flow rate (l/min)	4.5
Power supply	220 V, 2.5 A
Materials in contact with the filter	Stainless steel, FKM, silicone, PP, PPS
Protection index	IP41
Dimension L x W x H (cm)	21.4 x 18.3 x 26.4
Weight (kg)	-
WaterVac 200-MB pump with stainless steel base for stainless steel funnels	
Cat. No.	**886135**
€	**N/A -**
WaterVac 200-MS pump with No. 8 silicone nozzle	
Cat. No.	**886134**
€	**N/A -**
WaterVac 201-MB pump with stainless steel base and stainless steel funnels 100 ml	
Cat. No.	**886136**
€	**N/A -**

LF Filter System

- **For 47 and 50 mm diameter filters**
- **Overflow protection between funnel and bottle**
- **LF 30 system with pressure-compensated lid over the funnel**
- **Autoclavable**



	Filter System LF30	Filter System LF33
Funnel volume (ml)	300	100
Funnel material	PES	Stainless steel
Bottle volume (ml)	1200	
Bottle material (ml)	Polycarbonate	
Cat. No.	**886011**	**886052**
€	**N/A -**	**N/A -**

LF filter system and Lafil compact pump set

- **Compact filter pump**
- **Supplied complete with filter pump, filter system and connecting tubing**



	Lafil 300		Lafil 400	
Filtration System	LF30	LF32	LF30	LF32
Maximum vacuum (mbar abs.)	105		30	
Maximum flow rate (l/min)	20			
Ø suction tubing (mm)	8			
Dimensions W x D x H (mm)	335 x 230 x 450	335 x 230 x 400	335 x 230 x 450	335 x 230 x 400
Cat. No.	**886131**	**886129**	**886009**	**886132**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessories

CatNo.	Description	€
886141	Lafil 300 filter base only	**N/A -**
886010	Lafil 400 filter base only	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Rocker Magnetic Filter Holder



- Magnet closure system to avoid problems with twisting and tearing of the membranes
- Made of PES for good chemical and temperature resistance
- PP lid with PTFE syringe filter
- Funnel, funnel base, tubing connector and filter holder made of PES
- Silicone seals
- Reusable, can be autoclaved several times
- Vacuum hose fitting detachable from the base of the holder
- Compatible with many types of glassware (bottle, Erlenmeyer or vacuum flask)
- Short stem "a" versions; MF3 and MF5 versions supplied with #8" silicone stopper

Model	MF 3	MF 3a	MF 5	MF 5a
Funnel capacity (ml)	300		500	
Effective filter area (cm²)	13.1			
Effective Ø (mm)	41			
Filter size (mm)	47			
Ø connectable tube (mm)	4-8			
Graduation increment (ml)	50			
Size Ø x H (cm)	9 x 17	9 x 10.4	9 x 21.6	9 x 14.6
Weight (g)	350	300	400	350
Cat. No.	**886015**	**886014**	**886016**	**886017**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Filtration system for GL45 neck bottles



- Filtration system allowing the recovery of the filtrate directly into the glass bottle
- GL45 polypropylene adapter with PTFE seal
- Autoclavable
- 8 mm barbed fitting

Complete system delivered with:

- glass funnel
- anodised aluminium clamp
- filter holder 47 or 90 mm
- silicone cap
- adapter for GL 45 neck bottles
- bottle in borosilicate glass GL 45

Model	VF12	VF15	VF16	VF17
Funnel (ml)	300	1000		
Vacuum flask (ml)	1000	5000		3500
Filter membrane Ø(mm)	47	90		
Filtration area (cm²)	9.6	40.6		
Filter holder	Sintered glass	Stainless steel / PTFE	Sintered glass	Sintered glass
Cat. No.	**886006**	**886106**	**886203**	**886204**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

System accessories

Model	VF12	VF15	VF16	VF17
Funnel	**886118**	**886219**		
€	**N/A -**	**N/A -**		
Aluminium clamp	**886119**	**886220**		
€	**N/A -**	**N/A -**		
Filter holder with sintered glass base with silicone stopper	**886120**	-	**886221**	
€	**N/A -**	-	**N/A -**	
PTFE filter holder	-	**886222**	-	-
€	-	**N/A -**	-	-
PTFE gasket	-	**886223**	-	-
€		**N/A -**	-	-
Glass base with silicone stopper	-	**886224**	-	-
€	-	**N/A -**	-	-
Adapter for GL 45 neck bottles	**886008**			
€	**N/A -**			
Funnel, clamp and filter holder assembly	**886007**	-	-	-
€	**N/A -**	-	-	-



Continuous filtration kits

Cat. No.	Description	€
886217	Continuous filtration kit for VF3/VF6/VF7/VF12 systems	**N/A -**
886232	Continuous filtration kit for VF15/VF16/VF17 systems	**N/A -**

Membrane Filter Holders

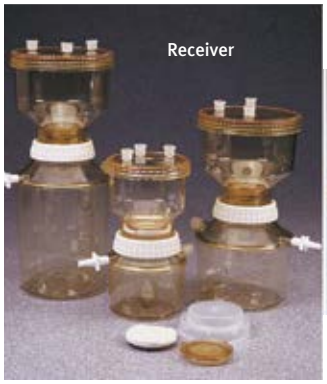
Thermo SCIENTIFIC NALGENE

Set containing an upper container and a polysulfone receiving container which is autoclavable and reusable.
Two types of lower containers:
- either a closed container with a screw lid;
- or a filtration funnel.

➤ **The membrane is fixed on a removable support plate located between the two containers**

➤ **For use with pressure or vacuum filtration**

➤ **For membranes with a diameter of 47 mm**





Upper container volume	250 ml	250 ml	500 ml	500 ml	500 ml
Lower container type	Receiver	Funnel	Receiver	Receiver	Funnel
Receiver container volume	250 ml	-	500 ml	1000 ml	-
Cat. No.	**029311**	**029314**	**029312**	**029313**	**029315**
€ the pack	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Filter holders for membranes for ISO flasks

Thermo SCIENTIFIC NALGENE

47 mm polysulfone membrane holder, autoclavable and reusable. It is screwed onto the neck of a standard laboratory Schott, Duran or Pyrex flasks with a 33 or 45 mm neck.

➤ **Pressure filtration (up to 1 bar) or vacuum filtration**

➤ **Removable membrane holder**

➤ **Graduated container**



Cat. No.	For volume flasks (ml)	Neck (mm)	€
029317	250	45	**N/A -**
029318	500	33	**N/A -**
029319	500	45	**N/A -**

Polypropylene vacuum flasks

Thermo SCIENTIFIC NALGENE

➤ **One-piece moulding**

➤ **Made of polypropylene**

➤ **Ideal for vacuum filtration**

➤ **Withstand a vacuum of 762 mm Hg**

➤ **Eliminate the risk of breakage of traditional glass**



Volume	500 ml	1000 ml	1700 ml
Inner neck ø (mm)	28	32	42
For tubing with inner ø (mm)	6.4 à 9.5	6.4 à 9.5	9.5
Opening for cap N°	7	8	10
Cat. No.	**029717**	**029718**	**029642**
€	**N/A -**	**N/A -**	**N/A -**

Pyrex® Vacuum Flasks

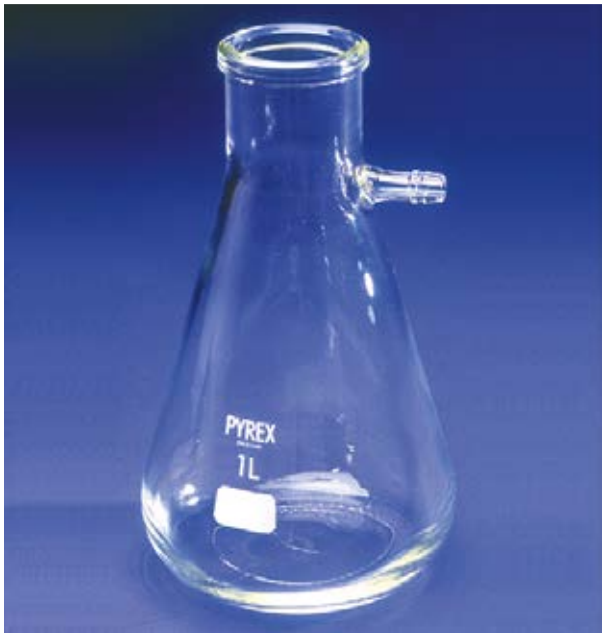
DWK LIFE SCIENCES

Pyrex® Borosilicate glass vials specially designed for vacuum work.

➤ **Step barb glass lateral end**

➤ **Both types of vacuum tubing can be used from -30 °C to +70 °C (sterilisable at 125 °C in moist heat for 30 minutes)**

➤ **Pre-punched natural rubber stoppers of European series (DIN 12871)**



Cat. No.	Volume (ml)	ø x H (mm)	Inn. neck ø (mm)	Hose connection ø (mm)	€
001160	100	64 x 105	24	10	**N/A -**
001161	250	85 x 155	35	10	**N/A -**
001162	500	105 x 185	35	10	**N/A -**
001163	1000	136 x 230	45	10	**N/A -**
001164	2000	166 x 260	58	10	**N/A -**
001165	3000	187 x 335	68	9	**N/A -**
001166	5000	220 x 385	68	9	**N/A -**

Caps

Cat. No.	N°	Dim. (mm) H x downer ø x upper ø	For flask	Units/ box	€/ box
260231	49D	40 x 41 x 49	001163	5	**N/A -**



Find the filter flasks, on dulis.nl

All prices are indicative and exclude VAT. Visit www.dulis.nl

Pyrex® Flasks with Hose connection



- Glass hose to connect a 9 mm inner diameter tubing
- Non ground neck to fit rubber stoppers

DWK LIFE SCIENCES

Cat. No.	Body Ø (mm)	Flask H. (mm)	Capacity (ml)	Max inner neck Ø (mm)	€
232553	73	131	250	18	N/A -
232554	89	163	500	23	N/A -
232555	111	200	1000	28	N/A -
232556	138	248	2000	28	N/A -

Conical vacuum flask



- With heavy wall and base
- Suitable for use under vacuum

DWK LIFE SCIENCES

Cat. No.	Approx. Ø (mm)	Approx. H. (mm)	Capacity (ml)	CN socket	€
232569	90	139	250	24/29	N/A -

Pyrex® Carboys with lateral socket, smooth neck





DWK LIFE SCIENCES

- Complies with ISO 4796
- 29/32 side socket for stopcock
- Accepts rubber stoppers, thanks to its smooth neck

Cat. No.	Body Ø (mm)	Flask H. (mm)	Capacity (ml)	Max inner neck Ø (mm)	€
232558	181	318	5000	44	N/A -

Stopcock with ground cone

- For use with flasks with side socket Cat. No. 232558
- Model 232559 with Rotaflo® key made of chemically inert PTFE that does not require lubrication
- Model 232560 with standard glass key

Cat. No.	CN male socket	Total length(mm)	Track (mm)	€
232559	29/32	53	3.0	N/A -
232560	29/32	95	4.0	N/A -

DURAN® Borosilicate glass wash bottle



- Wash bottle with screw-on assembly system
- Drechsel nozzle without filter disc
- Adjustable dive height

DWK LIFE SCIENCES

Cat. No.	Volume (ml)	Safety	€
090377	500	GL 45	N/A -

500 ml Borosilicate Glass Storage Flask



Vacuum flask made from Levasint-coated borosilicate glass.

- Protection against breakage and implosion
- Volume: 500 ml
- 1 central neck with open cap, 25 mm neck equipped with an analogue pressure gauge
- 2 side necks with GL 18 open caps, equipped with a suction tube, a non-return valve, and a tube with PTFE stopcock

Cat. No.	Description	€
046604	Complete Vacuum safety bottle	N/A -

Spare accessories

Cat. No.	Description	€
046605	Analogue Vacuumeter	N/A -
046606	Glass tube with non-return valve	N/A -
046607	Bottle 500 ml only	N/A -

Seals for filter funnels

Set of conical rubber seals for filter funnels.
Parts from 22 to 84 mm.

Cat. No.	Description	€
046571	Set of 7 seals	N/A -



PTFE seals

- For use with glassware equipped with a Quickfit® flat socket flange
- Made of PTFE with excellent chemical resistance
- Ensure perfect impermeability with flat socket flanges

Cat. No.	inn. Ø (mm)	Thickness (mm)	€
232563	75	0.5	N/A -
232564	100	0.5	N/A -



Büchner porcelain funnels

Cat. No.	ø filter area (mm)	Holes ø (mm)	Total height (mm)	€
140651	48	1	67	N/A -
140652	62	1	94	N/A -
140653	77	1	99	N/A -
140654	97	1.5	111	N/A -
140655	116	1.5	132	N/A -
140656	130	2	137	N/A -
140657	156	2	155	N/A -



Büchner Polypropylene Funnels

- In autoclavable polypropylene
- Splits in two for easy cleaning

Top inner diameter (mm)	59	76	93	130	172
Rod outer diameter (mm)	10	11	12	22	20
Rod lenght (mm)	45	65	71	93	107
Total height (mm)	104	146	169	213	283
Capacity (ml)	83	186	358	919	2906
Filter paper diameter (mm)	55	70	90	110	150
Units/bag	1	1	1	1	1
Cat. No.	**029511**	**029512**	**029513**	**029514**	**029515**
€/unit	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Büchner Polypropylene Funnels



- Autoclavable
- Molded in 2 pieces that can be easily separated
- Corrosion and heat resistant
- Excellent chemical resistance

Cat. No.	Volume (ml)	Diameter (mm)	Length (mm)	Holes diameter (mm)	€
391586	40	42.5	47	1.2	N/A -
391587	70	55	57	1.1	N/A -
391471	180	70	57	2	N/A -
391588	285	80	65	2	N/A -
391589	390	90	68	2.5	N/A -
391590	810	110	92	2.5	N/A -
391591	2100	160	105	2.75	N/A -
391592	6000	240	143	3	N/A -

Duran® Glass Filter Funnels



Cat. No.	Identification	Porosity	Volume (ml)	Ø (mm)	Disc Ø (mm)	Rod ø (mm)	Height (mm)	€
080555	39 D	16 - 40 µm	25	55	25	8	100	N/A -
080556	39D	10 - 16 µm	25	55	25	8	100	N/A -

TIP



See all Büchner glass filter funnels: page 1023

Duran® glass funnels with sintered filters



Identifi-cation	Vol (ml)	Discs Ø (mm)	Rod Ø (mm)	H. (mm)	Inn. Ø (mm)		Frit N °1 100 - 160 µm	Frit N °2 40 - 100 µm	Frit N °3 16 - 40 µm	Frit N °4 10 - 16 µm	Frit N °5 1 - 1.6 µm
3 D	50	35	10	130	40	Cat. No.	080557-1	080557-2	080557-3	080557-4	080557-5
						€	N/A -	N/A -	N/A -	N/A -	N/A -
11 D	75	45	10	130	56	Cat. No.	080558-1	080558-2	080558-3	080558-4	080558-5
						€	N/A -	N/A -	N/A -	N/A -	N/A -
17 D	125	60	10	140	71	Cat. No.	080559-1	080559-2	080559-3	080559-4	080559-5
						€	N/A -	N/A -	N/A -	N/A -	N/A -
25 D	500	95	22	200	106	Cat. No.	080560-1	080560-2	080560-3	080560-4	080560-5
						€	N/A -	N/A -	N/A -	N/A -	N/A -
26 D	1000	120	22	320	135	Cat. No.	080561-1	080561-2	080561-3	080561-4	080561-5
						€	N/A -	N/A -	N/A -	N/A -	N/A -
151 D	4000	175	30	400	202	Cat. No.	080562-1	080562-2	080562-3	080562-4	-
						€	N/A -	N/A -	N/A -	N/A -	-

Duran® Büchner Glass Filter Funnels with slot

DWK LIFE SCIENCES



Cat. No.	Vol. (ml)	Discs Ø (mm)	Rod Ø (mm)	H (mm)	Filter paper Ø (mm)	inn. Ø (mm)	€
080563	70	48	10	130	45	54	N/A -
080564	125	60	10	140	55	71	N/A -
080565	220	73	18	180	70	90	N/A -
080566	500	95	22	240	90	106	N/A -
080567	1000	120	22	280	110	135	N/A -

Borosilicate glass Buchner Funnels with slit

Borosilicate glass 3.3 Buchner Funnels

Cat. No.	Volume (ml)	ø (mm)	€
046566	70	45 - 48	N/A -
046567	125	55 - 60	N/A -
046568	220	70 - 73	N/A -
046569	500	90 - 95	N/A -
046570	1000	110 - 120	N/A -





Find more Büchner filter funnels on dulis.nl

Manifold - 3-channel vacuum filtration manifold

3-channel stainless steel manifold holder for vacuum filtration. Each branch is equipped with stopcock valve, a vent and a No. 8 stopper.
Connection to a 9.5 mm (3/8) internal diameter vacuum hose.
The holder accepts single-use, reusable filter funnels or funnel membrane holders 029314 and 029315.

Cat. No.	Description	€
029310	Stainless steel 3-channel support	N/A -



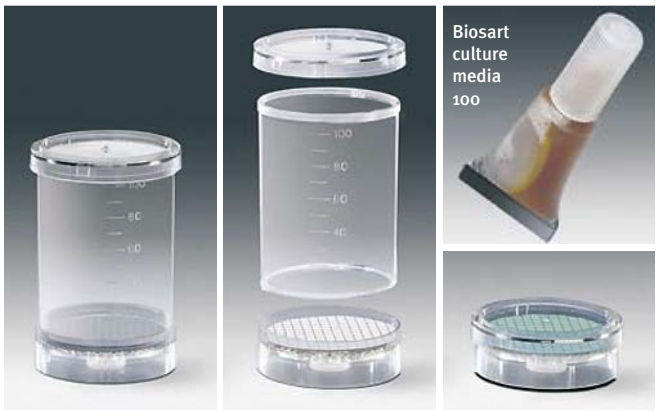
Biosart 100 - complete system for microbiological water analysis

SARTORIUS

A complete, sterile, single-use 100 ml system containing a funnel, a removable filter membrane and an absorbent disc for culture media.

- **Full range of culture media, supplied sterile in 2.5 ml ampoules**
- **Unit ready for use on most devices for vacuum filtration (Combisart System)**
- **Quality certificate supplied in each Biosart 100 and culture media pack.**

Membrane: material / diameter	Cellulose nitrate gridded / 47 mm
Membranes colour:	White/ black grid for good visibility of all types of bacteria, grey/ white grid for good visibility yeast and mould, or green/ dark green grid for total contamination (E.coli, S. aureus, etc.)
Body / Absorbent disc	Polystyrene / Cellulose
Cap and adapter for vacuum filtration device	Polyethylene



Biosart 100 funnels and membranes

(individual sterile packaging, other items on request)

Cat. No.	Description	Units/ box	€/ box
146879	Biosart 100 - White/ black grid - 0.2 µm	48	N/A -
146878	Biosart 100 - White/ Black grid - 0.45 µm	48	N/A -
146881	Biosart 100 - Grey/ White grid - 0.45 µm	48	N/A -
146899	Biosart 100 - Green/ Dark gren grid - 0.45 µm	48	N/A -

Biosart 100 culture media

Cat. No.	Description	Units/ box	€/ box
146883	Biosart 100 culture media - Caso	50	N/A -
146889	Biosart 100 culture media - R2A	50	N/A -
146885	Biosart 100 culture media - Endo	50	N/A -
146887	Biosart 100 culture media - M-FC	50	N/A -
146891	Biosart 100 culture media - Tergitol TTC	50	N/A -
146886	Biosart 100 culture media - KF-Strep	50	N/A -
146884	Biosart 100 culture media - Cetrimide	50	N/A -
146890	Biosart 100 culture media - Sabouraud	50	N/A -
146888	Biosart 100 culture media - M-Green	50	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Microsart Vacuum Filtration System



- Vacuum filtration equipment for microbiological quality control of liquid samples
- Left/right-handed use thanks to 360° rotatable membrane support
- Easy recovery of the membrane without risk of secondary contamination thanks to the sterile vent filter on each station

Material	Stainless steel
Memabranes Ø (mm)	47 y 50
Sterilization	Autoclavable 121 °C or 134 °C, dry heat: 150 °C, flame passage
Membrane holder	Stainless steel Frit
Fittings	Notched hose for connection to vacuum tubing with a diameter of less than 7 mm

Microsart manifold - complete version with funnels

- Supplied with 100 or 500 ml funnels (lid and seal), 47 and 50 mm filter holder (frit and seal), caps and silicone tubing with quick fitting (20 cm)

Cat.No.	Number of channels	Funnel (ml)	€
845026	1	100	N/A -
845027	3	100	N/A -
845028	6	100	N/A -
845029	1	500	N/A -
845030	3	500	N/A -
845031	6	500	N/A -

Accessories

CatNo.	Description	€
150245	Minisart SRP25 syringe filter (50 pcs)	N/A -
845037	Quick Connection Coupling for Connection of 2 Manifolds	N/A -
148950	Silicone tubing with Quick Connection Coupling, 1 m	N/A -
148951	Silicone tubing with Quick Connection Coupling, pressure-sided, 1 m	N/A -
845040	Silicone tubing with Quick Connection Coupling, pressure-sided, 10 m	N/A -
150197	E jet Pump	N/A -

Microsart manifold - version without funnels

- To be completed with a filter funnel

Number of branches	For Microsart funnels		For Biosart 100 units		For Biosart 250 units	
	Cat. No.	€	Cat. No.	€	Cat. No.	€
1	845015	N/A -	845019	N/A -	845023	N/A -
2	845016*	N/A -	845020*	N/A -	-	-
3	845017	N/A -	845021	N/A -	845024	N/A -
6	845018	N/A -	845022	N/A -	845025	N/A -

* Angled manifold body.

Spare parts

Cat.No.	Description	€
845036	Fitting stopper to close the manifold	N/A -
845032	Base support for Microsart funnels, Microsart units and Biosart 100 units	N/A -
845033	Frit for base support 845032	N/A -
845034	Base support for Biosart 250 and stainless steel funnels	N/A -
146995	Frit for base support 845034	N/A -
150243	PTFE flat gasket	N/A -
150484	Adapter for Biosart 100 units	N/A -
150466	Plug, conical, to close the venting hole	N/A -
150242	Stainless steel funnel,100 ml	N/A -
150972	Lid for 100 ml funnel	N/A -
147828	Silicone seal for funnel lid 100 ml	N/A -
147885	Stainless steel funnel, 500 ml	N/A -
147884	Lid for 500 ml funnel	N/A -
147886	Silicone seal for funnel lid 500 ml	N/A -

Sartolab MultiStation for vacuum filtration units





Vacuum filtration base support for simultaneous filtration of 1 to 6 samples.

- 360 °C rotating head for easy sample handling
- Compatible with Sartolab RF 50 filter units
- One click and the filtration unit hangs in the device, with a second click, the vacuum is automatically applied and the filtration begins automatically.
- Connection to a vacuum hose with an inner diameter of 4 to 10 mm

Cat.No.	Description	€
978884	Sartolab MultiStation for vacuum filtration units	N/A -

Sartolab RF 50 Filter Unit

- Single-use filter unit
- Individual packaging,sterile

Cat.No.	Description	€ 24 units
978885	Sartolab RF 50 filter unit, PES, 0.22 µm	N/A -
978886	Sartolab RF 50 filter unit, PES, 0.45 µm	N/A -

Microsart® 100/250 Single-use Funnels

SARTORIUS

For rapid filtration in routine testing of water, food, beverages, pharmaceuticals and cosmetics

- **Sterile**
- **For membrane diam. 47 mm**
- **PP funnel**
- **Marked graduations at 20, 50 and 100 ml**
- **Optimised shape for thorough rinsing of the filter system**





Cat. No.	Description	Units/ box	€/ box
147844	Microsart® 100 Funnel, sterile	5 x 20	N/A -
147845	Microsart® 250 Funnel, sterile	6 x 16	N/A -

Biosart 250 Filter Funnel

SARTORIUS

For microbiological control by enumeration of germs by the membrane filtration method.

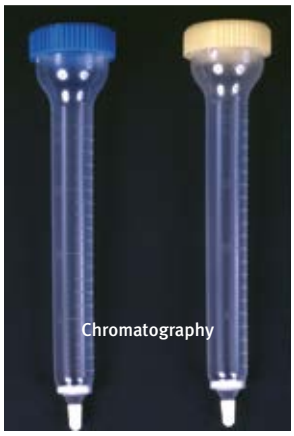
- **250 ml sterile polypropylene funnel, ready to use**
- **Reduces filtration and handling time for routine tests, compared to using stainless steel funnels**
- **The optimised internal diameter of the Biosart 250 ensures high flow rates and its conical shape guarantees thorough rinsing of the system**



Cat. No.	Description	Units/ box	€/ box
146876	Biosart 250 Filter Funnel	50	N/A -

Chromatography and extraction columns

- **Disposable mini-columns**
- **For splitting, desalting**
- **Chromartography columns supplied with plug**
- **Made of polystyrene resistant to mild acid solutions and alkalis, or polypropylene resistant to most solvents**





Chromatography columns

Cat. No.	Material	Length (cm)	Volume (ml)	Filter (µm)	Units/ box	€/ box
064071	PS	13	15	90 - 130	200	N/A -
064072	PS	13	15	45 - 90	200	N/A -
064073	PS	13	15	15 - 45	200	N/A -
064077	PP	13	15	90 - 130	200	N/A -
064046	PP	13	15	45 - 90	200	N/A -
064078	PP	13	15	15 - 45	200	N/A -
064074	PS	18	20	90 - 130	200	N/A -
064075	PS	18	20	45 - 90	200	N/A -
064076	PS	18	20	15 - 45	200	N/A -
064082	PP	18	20	90 - 130	200	N/A -
064083	PP	18	20	45 - 90	200	N/A -
064084	PP	18	20	15 - 45	200	N/A -

Extraction columns

Cat. No.	Material	Length (cm)	Filter (µm)	Units/ box	€/ box
064069	PP	8.6	45 - 90	200	N/A -
064070	PP amber	8.6	45 - 90	200	N/A -

Universal columns

- **Made of polypropylene**
- **25 ml Reservoir**
- **Luer Lock compatible tip**
- **3 porosities**





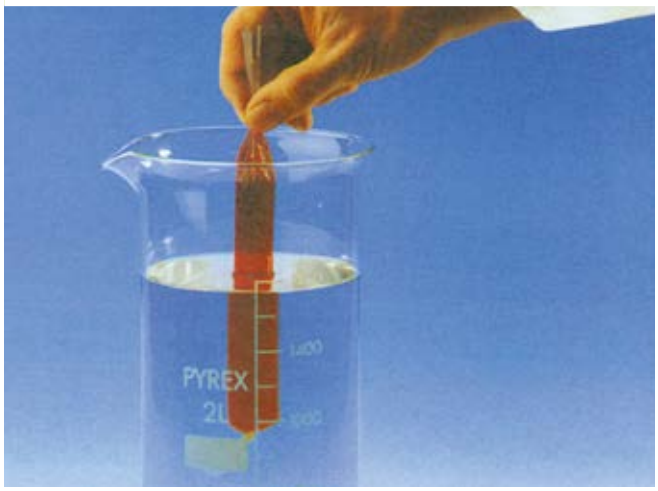
Cat. No.	Volume (ml)	Length (cm)	Filter (µm)	Units/ box	€/ box
064079	25	14	90 - 130	200	N/A -
064080	25	14	45 - 90	200	N/A -
064081	25	14	15 - 45	200	N/A -

Disposable mini-columns

Cat. No.	Volume (ml)	Length (cm)	Filter (µm)	Units/ box	€/ box
064061	0.5	4.83	45 - 90	200	N/A -
064066	2.4	3.81	45 - 90	200	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

VISKING dialysis membranes



- Semi-permeable
- Supplied flat as seamless tubes
- In regenerated cellulose
- Cut-off point: 12000, 3500, 7000 daltons
- Ph range of use: 2 to 12

Cat. No.	Cut-off point	ø (mm)	Width (mm)	V/L (ml/cm)	Length (m)	€ the roll
072019	12000	114.3	164 - 177	102.62	15	**N/A -**
072020	12000	139.7	199 - 216	153.30	15	**N/A -**
072023	3500	16	25	2.01	5	**N/A -**
072024	3500	22	34	3.80	5	**N/A -**
072025	3500	28	44	6.15	5	**N/A -**
072026	3500	35	55	9.62	5	**N/A -**
072027	7000	16	25	2.01	5	**N/A -**
072028	7000	22	34	3.80	5	**N/A -**
072029	7000	28	44	6.15	5	**N/A -**
072030	7000	35	55	9.62	5	**N/A -**

Cat. No.	Cut-off point	ø (mm)	Width (mm)	V/L (ml/cm)	Length (m)	€ the roll
072002	12000	14.3	24 - 26	1.61	30	**N/A -**
072003	12000	15.9	25 - 27	1.99	30	**N/A -**
072004	12000	17.5	29 - 31	2.41	30	**N/A -**
072005	12000	19	31 - 33	2.84	30	**N/A -**
072006	12000	21.5	32 - 34	3.63	30	**N/A -**
072007	12000	23.8	39 - 41	4.45	30	**N/A -**
072008	12000	25.4	42 - 44	5.07	30	**N/A -**
072009	12000	28.6	43 - 45	6.43	30	**N/A -**
072001	12000	6.3	10	0.31	15	**N/A -**
072010	12000	31.7	50 - 54	7.89	15	**N/A -**
072011	12000	38.1	56 - 59	11.4	15	**N/A -**
072012	12000	44.4	67 - 71	15.49	15	**N/A -**
072013	12000	50.8	77 - 82	20.27	15	**N/A -**
072015	12000	63.5	101 - 107	31.67	15	**N/A -**
072016	12000	69.8	113 - 120	38.27	15	**N/A -**
072017	12000	82.5	129 - 137	53.46	15	**N/A -**
072018	12000	95.2	135 - 148	71.19	15	**N/A -**

SPECTRA/PORmembrane specification

Type	Biotech CR (regenerated cellulose)	Biotech EC (Cellulose esters)
Appearance	See details below	Opaque, rigid
Solvent resistance	Good	Medium
Packaging	See details below	Wet with 0.1% sodium azide
pH limits / Max temperature	2 to 12 / 60 °C	2 to 9 / 37 °C

Biotech CR: details	Biotech CR 1	Biotech CR 2	Biotech CR 3	Biotech CR 4	Biotech CR 5	Biotech CR 6	Biotech CR 7
Appearance	Transparent, flexible	Transparent, flexible	Transparent, flexible	Transparent, flexible	Thick, rigid	Transparent, flexible	Transparent, flexible
Preservative	Glycerin	Glycerin	Glycerin	Glycerin	Glycerin	0.1 % azide sodium	0.1 % azide sodium

SPECTRA/POR Float-A-Lyzer G2



Ready-to-use dialysis tubes.

- In 3 volumes: 1 ml, 5 ml and 10 ml
- With cellulose ester membrane for Biotech
- Easy to open and load
- Float on their own thanks to their cap
- Weighed down by a magnetic bar
- Delivered individually wrapped
- Kept wet with 0.1% sodium azide
- Ready to use after a simple rinse with water to remove sodium azide

Applications

- Desalting
- Changing buffers
- Sample concentrations with the help of SPECTRA/GEL absorbent
- Protein Purification, DNA, oligonucleotides, peptides, polymers, antibodies or other biomolecules

SPECTRA/POR Float-A-Lyzer G2 - cellulose ester membrane

Cut-off point	1 ml	5 ml	10 ml
3.5 - 5 kDa	**059341**	**059342**	**059343**
8 to 10 kDa	**059344**	**059345**	**059346**
20 kDa	**059347**	**059348**	**059349**
100 kDa	**059350**	**059351**	**059352**
€/ 12 units	**N/A -**	**N/A -**	**N/A -**

Volume	1 ml	5 ml	10 ml
Length (cm)	9	10	17
Membrane ø (mm)	5	16	16
Cap ø (mm)	36	36	36

SPECTRA/POR dry tubes in regenerated cellulose

SPECTRA-POR 1 Dialysis Tubes - Cut-off: 6000 to 8000.

Cat. No.	Width when flat (mm)	Vol/lenght (ml/cm)	ø inflated (mm)	Roll of	€ the roll
059009	10	0.32	6.4	15 m	N/A -
059010	23	1.68	14.6	30 m	N/A -
059011	32	3.26	20.4	30 m	N/A -
059012	40	5.09	25.5	30 m	N/A -
059013	50	7.96	31.8	30 m	N/A -
059014	100	31.83	67.3	15 m	N/A -
059015	120	45.84	76.4	15 m	N/A -

SPECTRA-POR 2 dialysis tubes

Cut-off point: 12000 to 14000. Thin wall that can reduce dialysis by 50%.

Cat. No.	Width flat (mm)	Vol/lenght (ml/cm)	ø inflated (mm)	Roll of	€ the roll
059024	10	0.32	6.4	15 m	N/A -
059025	25	1.99	15.9	15 m	N/A -
059026	45	6.45	28.6	15 m	N/A -
059027	100	31.83	63.7	15 m	N/A -

SPECTRA-POR 3 Dialysis Tubes - Cut-off: 3500.

Cat. No.	Width flat (mm)	Vol/lenght (ml/cm)	ø inflated (mm)	Roll of	€ the roll
059016	18	1	11.5	15 m	N/A -
059017	45	6.4	28.6	15 m	N/A -
059018	54	9.3	34	15 m	N/A -



SPECTRA-POR 4 Dialysis Tubes - Cut-off: 12000 to 14000.

Cat. No.	Width when flat (mm)	Vol/lenght (ml/cm)	ø inflated (mm)	Roll of	€ the roll
059019	10	0.32	6.4	30 m	N/A -
059020	25	2	15.9	30 m	N/A -
059021	32	3.2	20.4	30 m	N/A -
059022	45	6.4	28.6	30 m	N/A -
059023	75	17.9	47.7	15 m	N/A -

SPECTRA-POR 6 Dialysis Tubes - Supplied wet in 0.1% sodium azide; chemically pre-treated to remove trace metals.

Width When flat	6 mm	12 mm	18 mm	24 mm	28 mm	32 mm	34 mm	38 mm	40 mm	45 mm	50 mm	54 mm	€ the 10 m roll
ø (mm)	3.8	7.5	11.5	15	18	20.4	22	29	25.5	29	35	34	
Vol./lenght (ml/cm)	0.1	0.45	1	1.8	2.5	3.3	3.7	4.6	5.1	6.4	8	6.4	
Filtration threshold													
1000	-	-	059266	-	-	-	-	059267	-	059268	-	-	N/A -
2000	-	-	059269	-	-	-	-	059270	-	059271	-	-	N/A -
3500	-	-	059272	-	-	-	-	-	-	059273	-	059274	N/A -
8000	059275	059276	059277	059278	-	059279	-	-	059280	-	059281	-	N/A -
10000	059282	059283	059284	059285	-	059286	-	-	-	059287	-	-	N/A -
15000	059288	059289	059290	059291	-	059292	-	-	-	059293	-	-	N/A -
25000	059294	059295	059296	-	059298	-	059299	-	-	-	-	-	N/A -

SPECTRA-POR 7 Dialysis Tubes - Supplied wet in 1% sodium azide; treated with EDTA, free of sulphur and trace metals.

Width When flat	12 mm	18 mm	24 mm	28 mm	32 mm	34 mm	38 mm	40 mm	45 mm	50 mm	54 mm	€ the 5 m roll
ø inflated (mm)	7.5	11.5	15	17.8	20.4	21.6	24.2	25.5	28.6	31.8	34.4	
Filtration threshold												
1000	-	059029	-	-	-	-	059030	-	059031	-	-	N/A -
2000	-	059033	-	-	-	-	059034	-	059035	-	-	N/A -
3500	-	059036	-	-	-	-	-	-	059037	-	059038	N/A -
8000	059039	-	059040	-	-	-	-	059041	-	059042	-	N/A -
10000	059043	-	059044	-	-	-	-	-	059045	-	-	N/A -
15000	059046	-	059047	-	059048	-	-	-	059049	-	-	N/A -
25000	059050	-	-	059051	-	059052	-	-	-	-	-	N/A -
50000	059053	-	-	059054	-	059055	-	-	-	-	-	N/A -

SPECTRA/POR Biotech Cellulose Ester Dialysis Tubes

- **Ready to use: no pre-cleaning required**
- **Pure, moist, preserved in 0.05% EDTA**
- **Free of all heavy metals, sulphates, glycerols and contaminants**

Width when flat (mm)		10	16	24
ø (mm)		6.4	10.2	15
Vol/lenght (ml/cm)		0.32	0.79	1.8
Cut-off point	1000	059085	059094	059102
	5000	059088	059097	059105
	10000	059089	059098	059106
	25000	059091	059099	059108
	50000	059092	059100	059109
	100000	059093	059101	059110
€/ the 10 m roll		N/A -	N/A -	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

SPECTRA/POR Micro Float-A-Lyzer



Ready to use micro-volume dialysis tubes.

- In two volumes: 100 - 200 µl and 400 - 500 µl
- Cellulose ester membrane for Biotech
- Float on their own
- Easy to load with the syringe provided
- Dry preserved with glycerine

Volumes	100-200 µl	400-500 µl
Dim.(L x W x H) (mm)	45 x 19 x 44	45 x 19 x 63
Ø membrane (mm)	6.4	6.4
Filtration threshold	**100-200 µl**	**400-500 µl**
100 to 500 Da	**059558**	**059565**
500 to 1000 Da	**059559**	**059566**
3.5 to 5 kDa	**059560**	**059567**
8 to 10 kDa	**059561**	**059568**
20 kDa	**059562**	**059569**
50 kDa	**059563**	**059570**
100 kDa	**059564**	**059571**
€/ 12 units	**N/A -**	**N/A -**

GeBAflex dialysis and electro-elution tube kits





For dialysis and buffer exchange protocols.

- Available in 3 vol.: Mini (10 - 250 µl), Midi (50 - 800 µl), and Maxi (0.1 - 3 ml)
- Ready to use, supplied with floating rack and user manual
- EDTA treated membrane, free of RNA, DNA, sulphide and heavy metals
- Retention threshold of 1 kDa to 50 kDa
- The solution to be treated can be deposited and retrieved with a standard micropipette tip

Retention threshold	Units/ box	Kit GeBAflex Mini 10 - 250 µl		Kit GeBAflex Midi 50 - 800 µl		Kit GeBAflex Maxi 0.1 - 3 ml	
		Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
1 kDa	5	-	-	375008	N/A -	-	-
	100	-	-	375009	N/A -	-	-
3.5 kDa	10	-	-	375010	N/A -	-	-
	15	-	-	-	-	375016	N/A -
	50	-	-	375011	N/A -	375017	N/A -
	100	-	-	375012	N/A -	375018	N/A -
8 kDa	10	375005	N/A -	375013	N/A -	-	-
	15	-	-	-	-	375019	N/A -
	50	375006	N/A -	375014	N/A -	375020	N/A -
	100	375007	N/A -	375015	N/A -	375021	N/A -
14 kDa	10	375001	N/A -	-	-	-	-
	15	-	-	-	-	375022	N/A -
	50	375002	N/A -	-	-	375023	N/A -
	100	375003	N/A -	-	-	375024	N/A -
25 kDa	5	375004	N/A -	-	-	375025	N/A -
	100	-	-	-	-	375026	N/A -
50 kDa	15	-	-	-	-	375027	N/A -
	50	-	-	-	-	375028	N/A -
	100	-	-	-	-	375029	N/A -

Solutions for electro-elution

Cat. No.	Description	Vol. (ml)	No. of elutions with GeBaflex tube			€
			Mini	Midi	Maxi	
375045	Precipitation reagent TCA 20	60	240	85	20	N/A -
375048		10	40	14	3	N/A -
375047	Kac 3M Precipitation Reagent	10	400	142	33	N/A -
375050		2	80	28	6	N/A -
375046	Solution buffer MS	10	400	142	33	N/A -
375049		2	80	28	6	N/A -

Elution rack for 4 GeBAflex tubes

Elution rack pr 4 GeBAflex tubes	GeBAflex Mini tubes	GeBAflex Midi tubes	GeBAflex Maxi tubes
Cat. No.	375030	375031	375032
€	N/A -	N/A -	N/A -

Germination test papers



- Germination paper 160 g/m² (except 074153 which is 110 g/m²)
- Material: 100% cellulose
- Binder: synthetic additive
- Papers particularly suitable for seed germination according to the Neeb method
- In sheet or disk format

Cat. No.	Presentation	Dimensions (mm)	Units/ box	€/ box
074140	Disc	Ø 50	100	N/A -
175215	Disc	Ø 85	50	N/A -
074142	Disc	Ø 90	100	N/A -
074143	Disc	Ø 130	50	N/A -
074145	Disc	Ø 55	100	N/A -
074146	Sheet	Ø 85	500	N/A -
074147	Sheet	175 x 155	100	N/A -
074148	Sheet	110 x 170	100	N/A -
074149	Sheet	105 x 190	100	N/A -
074150	Sheet	500 x 600	100	N/A -
074151	Sheet	690 x 450	100	N/A -
074152	Sheet	300 x 200	100	N/A -

Sealing clamp for dialysis tubings

- For totally safe closing of dialysis tubings
- Suits only for regenerated cellulose dialysis tubings
- Autoclavable

2 models:
- The standard clamp: endures a perfect seal thanks to its triple grooves;
- the weighted clamp: is equipped with a stainless steel weight to ensure the submersion and balance of the tube.



Cat. No.	Description	Width (mm)	Units/ box	€/ box
059001	Standard clamps	12	10	N/A -
059002	Standard clamps	35	10	N/A -
059003	Standard clamps	75	10	N/A -
059004	Weighted clamps	12	10	N/A -
059005	Weighted clamps	23	10	N/A -
059006	Weighted clamps	35	10	N/A -
059007	Weighted clamps	55	10	N/A -

Universal Sealing Clamps

- Suitable for all types of membranes
- Tip: choose a clamp that is 4 to 10 mm longer than the flat width of the membrane



Width (mm)	50	70	110	150
White	059523	059528	059520	059533
Red	059524	059529	059521	059534
Yellow	059525	059530	059522	059535
Blue	060617	059531	-	-
Green	059526	059532	-	-
Black	059527	060631	-	-
Units/box	10	10	10	10
€/box	N/A -	N/A -	N/A -	N/A -

ReadyLyzer dialysis tubing

Cat. No.	Maximum volume	MWCO (KDa)	Units/ box	€/ box
115768	250 µl	6 - 8 KDa	10	N/A -
115769			30	N/A -
115770		12 - 14 KDa	10	N/A -
115771			30	N/A -
115772	800 µl	1 KDa	5	N/A -
115773		3.5 KDa	10	N/A -
115774			30	N/A -
115775		6 - 8 KDa	10	N/A -
115776			30	N/A -
115777	3 ml	3.5 KDa	5	N/A -
115778			15	N/A -
115779		6 - 8 KDa	5	N/A -
115780			15	N/A -
115781		12 - 14 KDa	5	N/A -
115782			15	N/A -
115783	10 ml	1 KDa	5	N/A -
115785		3.5 KDa	10	N/A -
115787		6 - 8 KDa	10	N/A -
115789		12 - 14 KDa	10	N/A -
115784	20 ml	1 KDa	5	N/A -
115786		3.5 KDa	10	N/A -
115788		6 - 8 KDa	10	N/A -
115790		12 - 14 KDa	10	N/A -

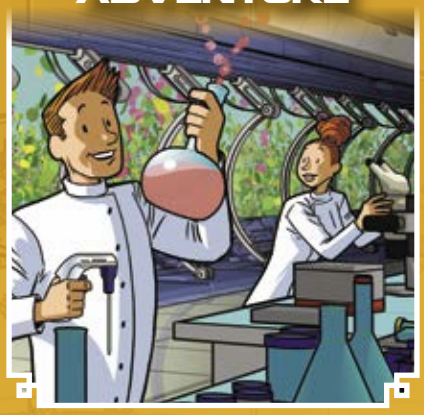


Ready-to-use system for the dialysis of DNA, RNA and protein samples.

- Membrane pre-installed in a screw cap tube
- Ultra pure regenerated cellulose membrane with low retention
- Supplied with a float ring to hold the device in a vertical position
- 5 models available depending on the volume of the sample: 10 - 250 µl, 50 - 800 µl, 0.1 - 3 ml, 10 ml and 20 ml
- MWCO retention threshold 1 kDa, 3.5 kDa, 6 - 8 kDa, 12 - 14 kDa

All prices are indicative and exclude VAT. Visit www.dulis.nl

AN EXTRAORDINARY ADVENTURE



GLASSWARE

• DURAN® and Pyrex® Bottles	1032 to 1037
• Borosilicate glass bottles	1038 and 1039
• Soda-lime glass bottles	1040 to 1042
• Caps	1043 à 1050
• Soda-lime glass bottles with ground glass neck	1051
• Dropper and spray bottles	1052 and 1053
• Scintillation vials	1054 and 1055
• Sample flasks	1056 to 1066
• Caps for sample flasks	1067 to 1069
• Crimpers and bottle openers	1070
• Test tubes	1071 to 1076
• Centrifuge tubes	1076 and 1077
• Hybridization tubes	1077
• Beakers	1078 to 1080
• Measuring cylinders	1081 to 1083
• Erlenmeyer	1084 to 1088
• Culture flasks	1089
• Volumetric flasks, caps	1089 to 1093
• Funnels	1093 and 1094
• Round Flasks	1095
• Petri dishes	1096 and 1097
• Crystallizers, mortars and pestles	1097 and 1098
• Dessicators	1099
• Chromatography flasks	1100 to 1103
• RMN Tubes	1103 and 1104
• Glass Accessories	1105 and 1106

The different types of glass

Soda-lime glass

- Also called standard glass, chemical glass or white glass
- Good chemical and physical properties
- Composed of approximately 70% silica, 13% soda, 12% limestone
- High coefficient of expansion, sensitive to heat variations
- Not autoclavable
- Better flow, larger pores and better viscosity for clean meniscus formation, ideal for volumetry
- Use: products that have to withstand short chemical stress and are not subject to thermal stress

Borosilicate glass

- Also called borosilicate glass 3.3
- Very good chemical and physical properties
- Consists of approximately 80% silica, 13% boron oxide, 4% soda ash
- Low coefficient of expansion, very high resistance to heat and temperature changes
- Use: applications requiring very good chemical resistance, heat resistance, thermal shock resistance and high mechanical stability; used in the chemical and pharmaceutical industries and in research laboratories

DURAN® Glass

- Borosilicate glass 3.3
- EP and USP compliant for borosilicate glass type I for the pharmaceutical industry
- Complies with ISO 3585
- Exceptionally consistent and reproducible quality
- Regular thickness
- Improved mechanical stability and resistance to temperature changes
- Increased safety in use, longer product life and reduced overall costs
- Traceability code: eight-digit number used as a traceability code to access all important production data
- Batch certificates
- Use: storage, sample preparation, transport

PYREX® Glass

- Borosilicate glass 3.3
- EP and USP compliant for borosilicate glass type I for the pharmaceutical industry
- Complies with ISO 3585
- Excellent thermal properties at both high and low temperatures
- Regular thickness
- Batch number, an eight-digit code printed on the glass, for traceability of information from production
- Batch certificates
- Use: storage, sample preparation, transport

Maintenance and use

››› The following are general recommendations for the care and use of glassware in the laboratory.
››› Correct handling optimises the performance and preservation of your glassware

General information

- Before handling, make sure the product is in good condition (not scratched, cracked or damaged)
- Any defect can change the characteristics of the glass and lead to breakage
- Use a suitable plug (correct diameter), never push it in too hard
- Always support large containers from below

Cleaning

- Wash glassware before first use
- Clean the glassware immediately after use to avoid solidification of residues
- Use a mild or non-abrasive detergent and a soft, flexible brush or sponge
- All glassware can also be cleaned in the dishwasher

Sterilization

- Before any sterilisation, the glassware must be thoroughly cleaned
- It is recommended to use a 20 minute cycle at 121 °C and 1 bar
- Always unscrew the caps of bottles or tubes before autoclaving. Any material obstructing the opening may cause deformation or destruction of the plastic

Heating

- Borosilicate glass can be placed in the microwave
- When using a hot plate make sure the plate is larger than the base of the container to be heated
- Never place glassware on an already hot surface, always heat gradually starting at room temperature

Use under vacuum and pressure

- Use only glassware recommended specifically for vacuum and pressure applications
- Never subject glassware to sudden changes in pressure
- Always apply and release pressure and vacuum gradually

Recycling and disposal

- Soda-lime glass can be softened and remelted many times, and is perfectly suitable for recycling, in the same way as household glass, after any necessary decontamination procedures
- Borosilicate glass should be disposed of with household waste provided that the glass is not chemically contaminated
- Dispose of glass in a dedicated, puncture-resistant waste bin

All prices are indicative and exclude VAT. Visit www.dulis.nl

The originals

Duran® Borosilicate glass bottles



DURAN® borosilicate glass bottles are characterised by a very low coefficient of expansion and excellent resistance to thermal shock and chemicals.

- **Duran® type I clear or amber glass**
- **With or without polypropylene screw cap with pouring ring**
- **Uniform wall thickness**
- **Autoclavable, sterilisable**
- **With traceability code to obtain a batch certificate on the internet**
- **Long-lasting printed graduations**

Certificate and batch tracking for DURAN® bottles with GL45: using the 8-digit special code written on the bottle, possibility of obtaining a certificate directly on the Internet.

						Clear glass bottles				Brown bottles			
Volume (ml)	Height with cap (mm)	Height without cap (mm)	Neck Ø (GL Thread)	Body Ø (mm)	Units/ box	Without cap	€/ box	With blue PP cap	€/ box	Without cap	€/ box	With blue PP cap	€/ box
10	54	50	GL 25	36	10	090982	N/A -	090983	N/A -	090985	N/A -	090987	N/A -
25	74	70	GL 25	36	10	090969	N/A -	090299	N/A -	090392	N/A -	083836	N/A -
50	91	87	GL 32	46	10	090970	N/A -	090300	N/A -	090393	N/A -	083838	N/A -
100	105	100	GL 45	56	10	090382	N/A -	090301	N/A -	090394	N/A -	083840	N/A -
150	115	110	GL 45	62	10	092036	N/A -	092033	N/A -	092039	N/A -	083841	N/A -
250	143	138	GL 45	70	10	090383	N/A -	090302	N/A -	090395	N/A -	083843	N/A -
500	181	176	GL 45	86	10	090379	N/A -	090303	N/A -	090396	N/A -	083845	N/A -
750	208	203	GL 45	95	10	092037	N/A -	092034	N/A -	092040	N/A -	083846	N/A -
1000	230	225	GL 45	101	10	090384	N/A -	090304	N/A -	090397	N/A -	083848	N/A -
2000	265	260	GL 45	136	10	090971	N/A -	090305	N/A -	090398	N/A -	083850	N/A -
3500	300	295	GL 45	160	1	092038	N/A -	092035	N/A -	092041	N/A -	083851	N/A -
5000	335	330	GL 45	182	1	090972	N/A -	090306	N/A -	090399	N/A -	083853	N/A -
10000	415	410	GL 45	227	1	090973	N/A -	090307	N/A -	090800	N/A -	083854	N/A -
20000	510	505	GL 45	288	1	090975	N/A -	090308	N/A -	083856	N/A -	-	-
25000	545	-	GL 45	316	1	-	-	096063	N/A -	-	-	-	-

Pyrex® Media Flasks



- **ISO borosilicate glass bottles**
- **Autoclavable**
- **Ideal for storage and preservation of culture media and buffers**
- **Graduated, with blue polypropylene cap and pouring ring (except GL25, which is supplied without pouring ring)**
- **Traceability code**

Rings and caps

Neck type	GL 25	GL 32	GL 45
Pouring ring, PP, white	-	001100	001101
€/ 10 units	-	N/A -	N/A -
Pouring ring, ETFE, red	-	001104	001105
€/ 10 units	-	N/A -	N/A -
Screw cap, PP, blue	001108	001102	001103
€/ 10 units	N/A -	N/A -	N/A -
Screw cap, ETFE, red	001109	001106	001107
€/ 10 units	N/A -	N/A -	N/A -

Capped bottles

Cat. No.	Volume (ml)	Neck	ø x H (mm)	Units/ box	€/ box
001090	25	GL 25	36 x 70	10	N/A -
001091	50	GL 32	46 x 88	10	N/A -
001092	100	GL 45	56 x 100	10	N/A -
001989	150	GL 45	62 x 105	10	N/A -
001093	250	GL 45	70 x 138	10	N/A -
001094	500	GL 45	86 x 176	10	N/A -
001990	750	GL 45	95 x 203	10	N/A -
001095	1000	GL 45	101 x 255	10	N/A -
001096	2000	GL 45	136 x 260	10	N/A -
001991	3500	GL 45	160 x 295	1	N/A -
001097	5000	GL 45	181 x 335	1	N/A -
001098	10000	GL 45	227 x 410	1	N/A -
001099	20000	GL 45	300 x 510	1	N/A -



Enter the reference on dulis.nl to find the the procedure for processing laboratory glassware.

Variants - Narrow neck

Square borosilicate glass bottles



Space-saving bottles.

- DURAN® borosilicate glass 3.3
- Bottle resistant to temperatures from -70 °C to +500 °C
- Cap resistant to temperatures from -40 °C to +140 °C
- Certificate of traceability, each bottle has an identification number



See caps on pages 1044 and 1045

Cat. No.	Description	Cap	Dim. Side x H (mm)	Units/ box	€/ box
090441	Square bottle 100 ml	GL 32	50 x 109	10	N/A -
090346	Square bottle 250 ml	GL 45	64 x 143	10	N/A -
090347	Square bottle 500 ml	GL 45	78 x 181	10	N/A -
090348	Square bottle 1000 ml	GL 45	94 x 222	10	N/A -

Laboratory flasks, with screw cap and high temperature pouring ring

- Thermoplastic polyester cap and pouring ring
- Printed traceability code: downloadable batch certificate
- Resistant to hot air sterilisation up to 180 °C
- PTFE-coated silicone seal resists chemical attack
- The 25 ml bottle features a glass ring moulded directly into the bottle neck and does not require a pouring ring



Cat. No.	Volume (ml)	Body Ø (mm)	Flask H. (mm)	GL Thread	Units/ box	€/ box
232546	25	36	70	25	10	N/A -
232547	50	46	88	32	10	N/A -
232548	100	56	100	45	10	N/A -
232549	250	70	138	45	10	N/A -
232550	500	86	176	45	10	N/A -
232551	1000	101	225	45	10	N/A -
232552	2000	136	260	45	10	N/A -

Pyrex® Capped flasks PBT

- In Pyrex®, graduated (except 25 ml flask)
- Supplied with a seamless cap made of high performance phenolic resin
- Sealing by a PTFE / ethylene-propylene composite seal
- Flasks sterilisable at 121 °C for 2 hours, PBT screw caps autoclavable and dry steam sterilisable up to 180 °C

Cat. No.	Capacity (ml)	Outer body ø (mm)	Neck fitting ø SVL (mm)	Total height (mm)	Units/ box	€/ box
090834	25	35	20	65	10	N/A -
090835	50	43	25	80	10	N/A -
090836	100	54	25	105	10	N/A -
090837	250	66	30	135	10	N/A -
090763	500	81	30	175	10	N/A -
090764	1000	101	42	215	10	N/A -
090838	2000	136	60	250	10	N/A -
090839	5000	181	60	324	1	N/A -
090840	10000	227	60	395	1	N/A -
090842	20000	288	60	502	1	N/A -



PBT caps (supplied with seal) for flasks

Cat. No.	SVL fitting	Outer ø x H (mm)	Units/ box	€/ box
001485B	13	17 x 16	20	N/A -
001486B	15	20 x 18	20	N/A -
001487B	18	23 x 18	20	N/A -
001488B	20	25 x 18	20	N/A -
001489B	22	27 x 18	20	N/A -
001490B	25	31 x 26	20	N/A -
001491B	30	36 x 26	20	N/A -
001492B	42	52 x 30	10	N/A -

Spare seals

Cat. No.	Units/ box	€/ box
001494B	20	N/A -
001495B	20	N/A -
001496B	20	N/A -
001497B	20	N/A -
001498B	20	N/A -
001499B	20	N/A -
001500C	20	N/A -
001501B	10	N/A -



Enter the Cat.No.on dulis.nl
to find our autoclaving procedure

All prices are indicative and exclude VAT. Visit www.dulis.nl

DURAN® Youtility GL45 Glass Bottles



Ergonomically designed bottle with a slim shape to save space.

- Made of DURAN® Type 1 neutral borosilicate glass 3.3
- Optimised cap with easy unscrewing, supplied with the bottle
- Bottles and caps with a traceability code, certificate of conformity available on www.duran-group.com
- Coloured silicone marker rings (accessory) for easy identification of the bottle
- Modified autoclave marker on labels for greater visibility

Volume (ml)	Diameter (mm)	Height (mm)	Units/ box	Standard bottle	€/ box	Amber bottle	€/ box
125	55	124	4	092148	N/A -	092183	N/A -
250	66	158	4	092149	N/A -	092184	N/A -
500	78	193	4	092150	N/A -	092185	N/A -
1000	93	253	4	092151	N/A -	092186	N/A -

Marking rings

Red	Orange	Yellow	Green	Blue	Violet	Black	White	€ 20 units
096004	096005	096006	096007	096008	096009	096010	096011	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
096126	Self-adhesive label for bottle and cap	100	N/A -
092153	DURAN® Youtility screw cap, blue	10	N/A -
096343	DURAN® Youtility screw cap, white	10	N/A -
092154	Pouring ring for DURAN® Youtility	16	N/A -
092155	Marking ring for DURAN® Youtility *	16	N/A -
096111B	Screw cap with PTFE membrane 0.2 µm	4	N/A -

* Two of each colour: blue, purple, green, red, orange, yellow, black, white

DURAN® PROTECT Coated Bottles



Duran® borosilicate glass bottles with a coating that increases the strength of the bottle and prevents glass breakage.

Vol. (ml)	Height without cap (mm)	Ø neck (mm)	Body Ø (mm)	Without cap and pouring ring: Cat. No.	Units/ box	€/ box	With cap and pouring ring: Cat. No.	Units/ box	€/ box
10	50	25	36	090984	10	N/A -	-	-	-
25	70	25	36	090845	10	N/A -	-	-	-
50	87	32	46	090846	10	N/A -	-	-	-
100	100	45	56	090388	10	N/A -	083826	10	N/A -
150	110	45	62	092042	10	N/A -	083827	10	N/A -
250	138	45	70	090389	10	N/A -	092130	10	N/A -
500	176	45	86	090390	10	N/A -	092131	10	N/A -
750	203	45	95	092043	10	N/A -	083828	10	N/A -
1000	225	45	101	090380	10	N/A -	083829	10	N/A -
2000	260	45	136	090381	10	N/A -	083830	10	N/A -
3500	295	45	160	092044	1	N/A -	083831	1	N/A -
5000	330	45	182	090391	1	N/A -	083832	1	N/A -

DURAN® GL45 Pressure Plus+ Bottles



- Bottle geometry to ensure pressure resistance
- Security for the user and the content
- Borosilicate glass DURAN® 3.3
- GL45 Neck
- Vacuum resistance down to -1 bar
- Pressure resistance up to +1.5 bar
- Complies with DIN EN 1595:1997-05, ISO 4796-1:2016
- Blue printed graduations for better recognition compared to the standard bottle
- Autoclavable
- Available in standard transparent version or with Protect coating and amber version, protecting samples against UV light (complies with USP ‹660› and EP 3.2.1)
- Retrace code for better traceability
- Applications: vacuum filtration, pressurised sample collection, storage of volatile solvents, storage of gas generating compounds

Delivered without cap.

Volume (ml)	Neck Ø (thread)	Ø (mm)	Units/ box	Natural: Cat. No.	€/ box	Clear: Cat. No.	€/ box	Amber: Cat. No.	€/ box
100	100	56	10	090989	N/A -	096951	N/A -	090990	N/A -
250	138	70	10	090950	N/A -	083509	N/A -	090952	N/A -
500	176	86	10	090951	N/A -	083510	N/A -	090953	N/A -
1000	225	101	10	090806	N/A -	096129	N/A -	090807	N/A -

Caps

Cat. No.	Description	Units/ box	€/ box
090310	Red PBT GL45 cap with PTFE coated silicone seal 180 °C	10	N/A -
999363	ETFE pouring ring for GL45 red cap	10	N/A -

DURAN® PURE Bottles

- Developed for the pharmaceutical industry
- In accordance with the recommendations of the international pharmacopoeia
- Borosilicate glass type I EP/USP
- Coating to prevent contamination
- Certificate of analysis available per batch
- Full traceability
- 100% visual control
- Drug master file type III

Applications

- Production of pharmaceutical products
- Storage of drug intermediates
- Transport of APIs



			Transparent		Amber			Transparent		Amber	
Volume (ml)	Neck Ø (thread)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Neck Ø (thread)	Cat. No.	€/ box	Cat. No.	€/ box
25	GLS 25	10	096971	N/A -	096979	N/A -	-	-	-	-	-
100	GLS 45	10	096972	N/A -	096980	N/A -	-	-	-	-	-
250	GLS 45	10	096973	N/A -	096981	N/A -	-	-	-	-	-
500	GLS 45	10	096974	N/A -	096982	N/A -	GLS 80	096997	N/A -	097003	N/A -
1000	GLS 45	10	096942	N/A -	096983	N/A -	GLS 80	096998	N/A -	097004	N/A -
2000	GLS 45	10	096975	N/A -	096984	N/A -	GLS 80	096999	N/A -	097005	N/A -
5000	GLS 45	1	096976	N/A -	096985	N/A -	GLS 80	097000	N/A -	097006	N/A -
10000	GLS 45	1	096977	N/A -	096986	N/A -	GLS 80	097001	N/A -	097007	N/A -
20000	GLS 45	1	096978	N/A -	096987	N/A -	GLS 80	097002	N/A -	097008	N/A -

Duran® PREMIUM botlles with ring and cap in TPCH

- GL 45 thread and traceability code
- High security containers corresponding to USP/EP/FDA standards
- Equipped with a ring and a cap with PTFE-coated silicone seal
- For use from -196 °C to + 260 °C
- Accuracy of the scale ±5%, for filling and quantifying spill volumes
- Ideal for sterilisation processes (hot air and dry sterilisation) and depyrogenation
- Supplied complete with translucent cap

Cat. No.	Capacity (ml)	Units/ box	€/ box
091376	100	10	N/A -
091377	250	10	N/A -
091378	500	10	N/A -
091379	1000	10	N/A -

Pouring ring and cap

Cat. No.	Description	Units/ box	€/ box
091205	Pouring ring	5	N/A -
090387	Cap with seal	5	N/A -



Enter the Cat. No. on dulis.nl to find our our procedure for autoclaving and treating laboratory glassware.

WEB

Duran® Thick-walled Bottles

- Borosilicate glass 3.3 type 1
- Ideal for stirring and mixing processes with large and heavy dip tubes
- Reinforced walls
- With traceability code
- Do not contain EGS/TSE hazardous materials
- Can be depyrogenated, autoclaved and sterilised
- Standard thread (GL45) or wide neck (GLS80) version
- Supplied without cap and pouring ring

Cat. No.	Volume (l)	DIN (GL) thread	Diameter (mm)	Height (mm)	€
083480	10	45	228	410	N/A -
083481	10	80	228	385	N/A -
083477	20	45	289	505	N/A -
083478	20	80	289	480	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Variants - Wide neck

GLS 80 Duran® Wide-mouth glass bottles





Wide-necked bottles with a wide 80 mm thread for easy handling.

- **Labelling: the white zone makes it easier to identify the contents**
- **Excellent transparency, graduated, inert and chemically resistant**
- **Autoclavable upt to 140 °C**
- **Supplied complete with PP caps (with lip seal for better sealing) and ring**
- **As accessories, PSU caps with a silicone seal covered on both sides with PTFE**
- **Certificate and batch tracking: using the special 8-digit code on the bottle, a certificate can be obtained directly from the Internet**
- **Protect glass: GLS 80 Protect A for handling particularly valuable or hazardous media, plastic coating (PU)**

	Clear glass			Amber glass			Protect glass with synthetic coating		
Vol. (l)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
0.25	092135	10	N/A -	092137	10	N/A -	092138	10	N/A -
0.25	-	-	-	-	-	-	096950*	10	N/A -
0.5	091701	10	N/A -	091825	10	N/A -	091864	10	N/A -
1	091702	10	N/A -	091826	10	N/A -	091865	10	N/A -
2	091703	10	N/A -	091827	10	N/A -	091866	10	N/A -
3.5	092073	1	N/A -	-	-	-	-	-	-
5	091704	1	N/A -	091828	1	N/A -	091867	1	N/A -
10	091705	1	N/A -	091829	1	N/A -	-	-	-
20	091706	1	N/A -	091830	1	N/A -	-	-	-
30	091868	1	N/A -	-	-	-	-	-	-
50	091869	1	N/A -	-	-	-	-	-	-

* Supplied without cap

Accessories

Cat. No.	Description	Units/ box	€/ box
091708B	Caps GLS 80	10	N/A -
096116	PP cap GLS 80 with PTFE membrane 0.2 µm	2	N/A -
091832	Pouring ring GLS80, blue PP	10	N/A -
091919	Cap GLS 80, PSU1, with seal	1	N/A -
091920	Pouring ring, white PTFE	5	N/A -

Pyrex® Wide-mouth Bottles



- **With or without cap, with pouring ring**
- **In borosilicate Pyrex glass, autoclavable**
- **GLS 80 thread with 65 mm internal neck**
- **Traceability code printed on the bottle, downloadable certificate**
- **White enamelled graduations and marking surface**
- **Maximum operating temperature of cap and pouring ring: up to 140 °C**

				With cap		Without cap	
Volume (ml)	Height (mm)	Ø (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
250	105	95	10	001995	N/A -	002003	N/A -
500	152	101	10	001996	N/A -	002004	N/A -
1000	222	101	10	001997	N/A -	002005	N/A -
2000	252	136	10	001998	N/A -	002006	N/A -
3500	271	160	1	001999	N/A -	002007	N/A -
5000	314	182	1	002000	N/A -	002008	N/A -
10000	389	227	1	002001	N/A -	002009	N/A -
20000	484	288	1	002002	N/A -	002010	N/A -

Bottles for specific applications

Borosilicate glass carboys with tap

Graduated borosilicate glass carboys with tubing at the base of the GL32 thread.
Screw cap neck DIN GL45. Supplied complete with screw connection cap, silicone seal, flow tap and PTFE needle valve.



Cat. No.	Volume (l)	€
046420	1	N/A -
046421	2	N/A -
046422	5	N/A -
046423	10	N/A -

Replacement taps

Cat. No.	Description	€
046424	Spare tap for 1 and 2 litre carboys	N/A -
046425	Spare tap for 5 and 10 litre carboys	N/A -

Tilt Duran® Cell Culture Flasks

- Borosilicate glass 3.3
- GL56 white polypropylene cap, Ø 56 mm, autoclavable
- 2 positions: upright (filter sterilization and storage) and tilted at 45° (pipetting)
- Graduations visible on both sides and in both positions
- DURAN® Tilt Light shield, white silicone sleeve
- Identification rings: GL56, 4 colours, autoclavable
- Vaccum filtration unit for Tilt with adapter GL45 (ext)/GL56 (int), 507 mbar recommended, 677 mbar max.

Cyto-toxin



Cat. No.	Description	Height (mm)	Volume (ml)	Units/ box	€/ box
096014	Tilt bottle with white GL56 cap (non-sterile)	151	500	4	N/A -

Find photos of the accessories on www.dulis.nl

WEB

Accessories

Cat. No.	Description	Material	Colours	Units/ box	€/ box
096015	Protective shell, 4 identification rings included	Silicone	Orange, yellow, blue, pink	4	N/A -
096016	Identification ring GL56	Silicone	Orange	20	N/A -
096017	Identification ring GL56	Silicone	Yellow	20	N/A -
096018	Identification ring GL56	Silicone	Blue	20	N/A -
096019	Identification ring GL56	Silicone	Pink	20	N/A -
096020	Adapter GL45 for 45 mm filter unit (autoclavable)	PTFE	White	1	N/A -
096021	Self-adhesive label for GL56 cap, Ø 40 mm	Polyester	White	60	N/A -
096022	GL56 Cap	Polypropylene	White	10	N/A -

TILT Bottle Top Filter Unit

- Capacity: 500 ml
- For GL45 neck bottles
- Gamma sterilised
- PES membrane, 90 mm
- Different porosities available

Cat. No.	Porosity (µm)	Units/ box	€/ box
096023	0.1	12	N/A -
096024	0.2	12	N/A -
096025	0.45	12	N/A -

Pyrex® GL 56 bottle, dual position

- Borosilicate glass
- Can be placed in a vertical position or in 45° angle position for ease of use
- Bottle is graduated to 500ml in the vertical position and 400ml in 45° angle position
- Trace Code
- Can be sterilised chemically or by dry heat



Cat. No.	Capacity (ml)	Bottle height (mm)	Thread size (mm)	Units/ box	€/ box
785332	500	151	GL 56	4	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

SLS Select borosilicate glass bottles



- Made of high quality borosilicate glass 3.3 according to ISO 3585
- ISO 4796-1
- With blue polypropylene cap and pouring ring
- Excellent chemical and thermal resistance
- With white scale and marking area

Cat. No.	Volume (ml)	Ø x h (mm)	Units/ box	€/ box
257063	100	56 x 100	10	N/A -
257064	250	70 x 138	10	N/A -
257065	500	86 x 176	10	N/A -
257066	1000	101 x 225	10	N/A -
257067	2000	136 x 260	10	N/A -

Enter the reference on dulis.nl to find the the procedure for processing laboratory glassware.



Wheaton® Graduated Media Bottles



- Made of borosilicate glass meeting USP type I standards
- Low alkali to avoid pH changes and maintain content purity
- Wide opening, pouring ring
- Soft shoulder for easy pouring of liquids
- Graduations, large marking area

Cat. No.	Vol. (ml)	ø (mm)	Height with cap	Height without cap	Cap	Units/ box	€/ box
Bottles with phenolic cap with autoclavable rubber seal							
048756	125	55	123	119	33-430	48	354 -
048757	250	67	152	148	33-430	48	462 -
048758	500	88	192	188	33-430	24	N/A -
048759	1000	103	235	231	38-430	24	N/A -
Bottles with black cap with autoclavable PTFE-faced rubber seal							
048760	125	55	123	119	33-430	48	N/A -
048761	250	67	152	148	33-430	48	555 -
048762	500	88	192	188	33-430	24	400 -
048763	1000	103	235	231	38-430	24	N/A -

Black Phenolic caps, white seal

Cat. No.	Cap	Units/ box	€/ box
048821	33 - 430	200	N/A -
048822	38 - 430	200	N/A -

Rasotherm®ISO Borosilicate Glass Bottles



Made of high quality borosilicate glass 3.3, very resistant.

- ISO 4796
- With colourless ring and blue cap GL 45 made of polypropylene
- Graduated

Cat. No.	Volume (ml)	Body Ø (mm)	Height with cap (mm)	Units/ box	€/ box
046412B	100	56	100	10	N/A -
511408	250	70	138	10	N/A -
046414B	500	86	176	10	N/A -
046415B	1000	101	225	10	N/A -
046416B	2000	136	260	10	N/A -
046417B	5000	181	330	1	N/A -
046418B	10000	227	410	1	N/A -

ISO bottles with coloured graduation and coloured cap



- Made of borosilicate glass 3.3 ISO 4796 / neck ISO GL45
- With cap in the same colour as the scale
- Polypropylene cap with pouring ring

Volume (ml)	Colour red	Colour Yellow	Colour Green	Colour Blue	€ 10 units
100	046455	046460	046465	046470	N/A -
250	046456	046461	046466	046471	N/A -
500	046457	046462	046467	046472	N/A -
1000	046458	046463	046468	046473	N/A -
2000	046459	046464	046469	046474	N/A -

Hybex bottles in borosilicate glass with GL45 neck and coloured caps

- Borosilicate glass 3.3
- Silk-screened graduations and marking area
- Supplied with GL45 autoclavable PP caps with pouring ring



Bottles and caps

Vol. (ml)	Blue cap	Green cap	Purple cap	Yellow cap	White cap	Assorted caps**	Units/ box	€/ box
50*	062708	-	-	-	-	-	10	N/A -
100	062709	062710	062711	062712	062713	062714	10	N/A -
250	062715	062716	062717	062718	062719	062720	10	N/A -
500	062721	062722	062723	062724	062725	062726	10	N/A -
1000	062727	062728	062729	062730	062731	062732	10	N/A -
2000	062733	062734	062735	062736	062737	062738	5	N/A -

* 50 ml bottles with blue GL32 cap.

Starter packs: 10 bottles of varying volumes and caps

Pack of 10 bottles and caps that includes the following:
100 ml (2 x), 250 ml (3 x), 500 ml (3 x), 1 l (2 x).

Blue cap	Green cap	Purple cap	Yellow cap	White cap	Assorted caps**	Units/ box	€/ box
062739	062740	062741	062742	062743	062744	10	N/A -

** 2 of each colour.

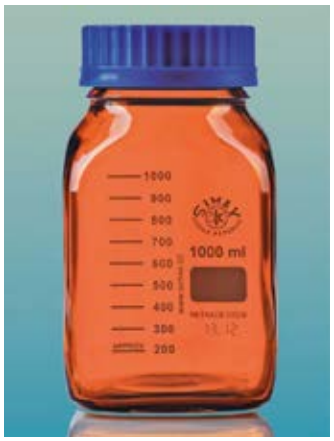
Single caps

Blue cap	Green cap	Purple cap	Yellow cap	White cap	Assorted caps**	Units/ box	€/ box
062745	062746	062747	062748	062749	062750	10	N/A -

** 2 of each colour.

ISO square bottles GL 80





- Borosilicate glass 3.3
- White gradations and marking surface
- Trace Code
- GL 80 thread for wide aperture
- Supplied with 140 °C resistant cap and pouring ring
- Brown glass version for protection of photosensitive samples
- Autoclavable

Volume (ml)	Dimension W x D x H (mm)	Units/ box	Clear glass		Brown glass	
			Cat. No.	€/ box	Cat. No.	€/ box
500	94 x 94 x 141	10	942659	N/A -	942663	N/A -
1000	105 x 105 x 187	10	942660	N/A -	942664	N/A -
2000	115 x 115 x 260	10	942661	N/A -	942665	N/A -
5000	160 x 160 x 357	6	942662	N/A -	942666	N/A -

Reservoir bottles for electrode protection



- Fits over the electrodes and keeps them in contact with the electrolyte solution
- Sealed system to prevent evaporation and salt deposits
- Borosilicate glass
- With screw cap and seal
- Indelible circular line, maximum level of electrolyte

Cat. No.	Description	€
063105	Protelec bottle for ø 8 mm electrodes	N/A -
063106	Protelec bottle for ø 12 mm electrodes	N/A -
063107	Protelec storage bottle for ø 8 mm electrodes	N/A -
063108	Protelec storage bottle for ø 12 mm electrodes	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

ISO soda-lime glass bottles



- 4 volumes 100 ml, 250 ml, 500 ml and 1000 ml
- Din mouth / GL45 cap
- Supplied with polypropylene screw cap and pouring ring
- Made of colourless soda-lime glass with good chemical resistance

Cat. No.	Volume (ml)	Body Ø (mm)	Height with cap (mm)	Units/ box	€/ box
079036	100	57	106	12	N/A -
079035	250	71	143	12	N/A -
079033	500	86	181	12	N/A -
079034	1000	102	230	10	N/A -

Boston Wheaton® Glass Bottles, narrow neck



Ideal for storing solvents, chemicals and samples. Made of soda-lime glass type III. Version without cap to be completed with black phenolic cap with autoclavable rubber seal, or white polypropylene caps with PTFE-faced foamed polyethylene seal.

			Bottles without cap			Bottles with PP cap, foam seal		
Volume (ml)	ø x H (mm)	Cap	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
30	31 x 79	20-400	048683	432	N/A -	048848	48	N/A -
60	39 x 94	20-400	048684	288	N/A -	048849	24	N/A -
125	48 x 112	22-400	048685	160	N/A -	048850	24	N/A -
250	60 x 136	24-400	048686	108	N/A -	048851	12	N/A -
500	75 x 168	28-400	048687	60	N/A -	048852	12	N/A -
1000	94 x 206	33-400	048688	12	N/A -	048853	12	N/A -

Boston Wheaton® Amber Glass Bottles, narrow mouth



Made of soda-lime glass, meeting USP type III standards for light-sensitive samples. Supplied with polypropylene cap with PTFE seal.

Cat. No.	Volume (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048689	30	31 x 79	20-400	48	N/A -
048690	60	39 x 94	20-400	24	N/A -
048691	125	48 x 112	22-400	24	N/A -
048692	250	60 x 136	24-400	12	N/A -
048693	500	75 x 168	28-400	12	N/A -
048694	1000	94 x 206	33-400	12	N/A -

Wheaton® Clear Glass Storage Bottles, wide mouth



- Made of soda lime glass, USP type III compliant
- Supplied with white polypropylene cap and PTFE-faced foamed polyethylene seal

Cat. No.	Volume (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048726	125	52 x 84	48-400	24	N/A -
048727	250	63 x 110	58-400	24	N/A -
048728	500	79 x 133	63-400	24	N/A -
048729	2000	122 x 213	83-400	6	N/A -
048730	4000	157 x 256	89-400	4	N/A -

Wheaton® Amber Storage Bottles, wide mouth



- Supplied with white polypropylene cap and PTFE-faced foamed polyethylene seal
- Wide neck
- Ideal for storing powders and light sensitive products
- Made of soda lime glass, USP type III compliant

Cat. No.	Volume (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048709	30	37 x 65	28-400	24	N/A -
048710	60	44 x 75	33-400	24	N/A -
048711	125	54 x 95	38-400	24	N/A -
048712	250	66 x 119	45-400	24	N/A -
048713	500	80 x 146	53-400	12	N/A -
048714	1000	99 x 178	53-400	12	N/A -

Wheaton® Straight Edge Jars

- With white polypropylene cap, PTFE-faced foamed polyethylene seal
- For sampling dry goods, powders
- Made of soda lime glass, USP type III compliant



Cat. No.	Capacity (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048715	60	55 x 48	53-400	24	N/A -
048716	125	60 x 68	58-400	24	N/A -
048717	250	73 x 88	70-400	12	N/A -
048718	500	91 x 95	89-400	12	N/A -
048719	1000	95 x 170	89-400	12	N/A -

Wheaton®Square Bottles

Space-saving bottles. Made of soda lime glass, USP type III compliant. With white polypropylene cap and PTFE-faced foamed polyethylene seal.



Cat. No.	Volume (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048720	15	26 x 62	20-400	48	N/A -
048721	30	31 x 72	24-400	48	N/A -
048722	60	39 x 87	28-400	48	N/A -
048723	125	45 x 111	33-400	24	N/A -
048724	250	56 x 137	43-400	24	N/A -
048725	500	68 x 167	48-400	24	N/A -

Wheaton® Graduated Storage Bottles with cap



- Made of soda lime glass, USP type III compliant
- For dry products and powders, double graduation in Oz and ml

Cat. No.	Volume (ml)	ø x H (mm)	Cap	Units/ box	€/ box
With white polypropylene cap and PTFE-faced foamed polyethylene seal.					
048695	30	34 x 68	33-400	48	N/A -
048696	60	42 x 83	38-400	48	N/A -
048697	125	51 x 102	48-400	24	N/A -
048698	250	62 x 127	58-400	24	N/A -
048699	500	76 x 145	70-400	24	N/A -
With black phenolic cap and autoclavable rubber seal					
048700	30	34 x 68	33-400	48	N/A -
048701	60	42 x 83	38-400	48	N/A -
048702	125	51 x 102	48-400	24	N/A -
048703	250	62 x 127	58-400	24	N/A -
Without cap					
048704	30	34 x 68	33-400	432	N/A -
048705	60	42 x 83	38-400	288	N/A -
048706	125	51 x 102	48-400	144	N/A -
048707	250	62 x 127	58-400	96	N/A -
048708	500	76 x 145	70-400	48	N/A -

Amber Glass Powder Bottles

- Amber Soda-lime glass
- Supplied without cap

Cat. No.	Volume (ml)	ø x H (mm) without cap	Cap	Units/ box	€/ box
674481	30	38.10 x 57.90	33-400	127	N/A -
674413	60	44 x 75.40	38-400	72	N/A -
674414	100	48.40 x 88.10	38-400	72	N/A -
674415	125	52.80 x 94.50	38-400	68	N/A -
674419B	500	81.10 x 148.70	58-400	28	N/A -

Polypropylene caps only

Cat. No.	Description	€ 100 units
674482	Black cap 33-400	39.20 -
674483	Black cap 38-400	45.10 -
674416	White cap 38-400	44.10 -
674418	Black cap 48-400	54.30 -
674420	Black cap 58-400	87.80 -


(Supplied without cap)

All prices are indicative and exclude VAT. Visit www.dulis.nl

Soda-lime glass Bottles

- Clear or amber glass
- DIN168 thread
- Supplied without cap



Cat. No.	Glass	Volume (ml)	Ø (mm)	H (mm)	(GL) Thread	Units/ box	€/ box
959328	Clear	30	36	68	32	126	N/A -
958983	Clear	50	44	75	32	85	N/A -
958984	Clear	100	50	93	40	63	N/A -
958985	Clear	125	54	98	40	80	N/A -
958986	Clear	150	57	104	45	42	N/A -
958987	Clear	250	70	113	55	48	N/A -
958988	Clear	500	84	154	55	20	N/A -
958989	Clear	1000	103.50	180.50	68	18	N/A -
958990	Amber	30	36	68	32	126	N/A -
958991	Amber	50	44	75	32	85	N/A -
958992	Amber	100	50	92.50	40	56	N/A -
958993	Amber	125	54	98	40	84	N/A -
958994	Amber	150	57	104	45	48	N/A -
958995	Amber	250	70	113	55	30	N/A -
958996	Amber	500	84	154	55	20	N/A -
958997	Amber	1000	103.50	180.50	68	12	N/A -

Caps

Cat. No.	(GL) Thread	Material	Units/ box	€/ box
959093	55	Polypropylene	50	N/A -
959096	45	Polypropylene	50	N/A -

White Glass Screw Top Jars



- White food jar, soda-lime glass
- To be completed with caps and lids



Cat. No.	Base Ø (mm)	Jar H. (mm)	Volume (ml)	Units/ box	€/ box
674028	104	95	500	30	N/A -
674029	104	174	1000	48	N/A -

Cap and lid for screw top jars

Cat. No.	Description	€
674030	Twist off lid for 500 and 1000 ml screw top jars	N/A -
674031	Screw lid for 500 and 1000 ml screw top jars	N/A -

White glass jars



- Food glass
- Delivered without lids

Cat. No.	Base Ø (mm)	Flask H. (mm)	Capacity (ml)	Ring	Units/ box	€/ box
674036B	52	75	106	48	20	N/A -
674037	68	83	212	63	12	N/A -
674039	71	119	378	63	12	N/A -
674040	137	137	660	82	12	N/A -
674041	145	145	750	82	12	N/A -

White glass jars



- White food jar, soda-lime glass
- Lid to be ordered separately
- For dry goods and powders

Cat. No.	Volume (ml)	Ø x H (mm)	€ 6 units
674422	1000	100 x 165.6	N/A -
674423	2000	100 x 241	N/A -

Lid for 1 and 2 litre jars

Cat. No.	Description	€ 6 units
674424	Orange polypropylene lid	N/A -

Lid,To Ring, for bottles and jars

Cat. No.	Description	€ bag of 100
674042B	White pasteurisable lid, TO 48 ring	N/A -
674494	White pasteurisable lid, TO 63 ring	N/A -
674044	White pasteurisable lid, TO 82 ring	N/A -
674045	Flip Panel sterilisable gold lid, TO 48 ring	N/A -
674046	Flip Panel sterilisable white lid, TO 63 ring	N/A -
674047	Flip Panel sterilisable white lid, TO 82 ring	N/A -

The basics

Coloured caps and coloured ring

Caps

- Made of autoclavable blue polypropylene
- Made of red melamine resin, sterilisable in dry heat at 180 °C (Poupinel)

Replacement seals for PBT red caps

- PTFE-coated silicone rubber seals suitable for PBT caps up to approx. 180 °C

		Caps			Replacement seals for PBT red caps		Pouring ring		
Flask neck ø (mm)	Units/ bag	Colours	Cat. No.	€/ bag	Cat. No.	€/ bag	Colours	Cat. No.	€/ bag
25	10	Blue	090320	N/A -	-	-	Blue	-	-
25	10	Red	090325	N/A -	090954	N/A -	Red	-	-
32	10	Blue	090321	N/A -	-	-	Blue	090323	N/A -
32	10	Red	090326	N/A -	090955	N/A -	Red	090327	N/A -
45	10	Blue	090311*	N/A -	-	-	Blue	090362	N/A -
45	10	Red	090310	N/A -	090956	N/A -	-	-	-
45	10	Yellow	083469	N/A -	-	-	Yellow	090801	N/A -
45	10	Green	090804	N/A -	-	-	Green	090803	N/A -
45	10	Grey	090805	N/A -	-	-	Grey	090802	N/A -

* Eco version

GL45 Coloured Caps and Coloured Ring

Coloured caps

45 mm caps (GL 45 neck) for ISO bottles in coloured polypropylene.

Cat.No.	Description	Colours	€ 10 units
046101	Cap 45 mm	Yellow	N/A -
046102	Cap 45 mm	Green	N/A -
046103	Cap 45 mm	Red	N/A -
046104	Cap 45 mm	Blue	N/A -

Coloured rings

Coloured polypropylene pouring rings for 45 mm ISO bottles.

Cat.No.	Description	Colours	€ 10 units
046108	Ring 45 mm	Yellow	N/A -
046109	Ring 45 mm	Green	N/A -
046110	Ring 45 mm	Red	N/A -
046756	Ring 45 mm	Blue	N/A -



Red melamine cap

Cat.No.	Description	Colours	€ 10 units
090310R	Cap 45 mm (accepts 200 °C)	Red	N/A -

Wheaton® Caps with Seal

	Phenolic caps with rubber seal for bottles			White polypropylene caps with polyvinyl seal for bottles			Polypropylene screw caps with PE foam seal		
Cap	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
15 - 415	-	-	-	-	-	-	048854	200	N/A -
18 - 400	-	-	-	-	-	-	048855	200	N/A -
18 - 415	-	-	-	-	-	-	048856	200	N/A -
20 - 400	048746	72	N/A -	-	-	-	048857	200	N/A -
20 - 410	-	-	-	-	-	-	048858	200	N/A -
22 - 400	048747	72	N/A -	048732	72	N/A -	048859	200	N/A -
24 - 400	048748	72	N/A -	048733	72	N/A -	048860	200	N/A -
24 - 410	-	-	-	-	-	-	048861	200	N/A -
28 - 400	048749	72	N/A -	048734	72	N/A -	048862	200	N/A -
28 - 410	-	-	-	-	-	-	048863	200	N/A -
33 - 400	048750	72	N/A -	-	-		048864	200	N/A -
33 - 430	-	-	-	-	-	-	048865	200	N/A -
38 - 400	048751	72	N/A -	048736	72	N/A -	-	-	-
43 - 400	048752	72	N/A -	048737	72	N/A -	-	-	-
45 - 400	-	-	-	048984	72	N/A -	-	-	-
48 - 400	048754	72	N/A -	048739	72	N/A -	-	-	-
53 - 400	-	-	-	048740	72	N/A -	-	-	-
58 - 400	048755	72	N/A -	048741	72	N/A -	-	-	-
63 - 400	-	-	-	048988	48	N/A -	-	-	-
70 - 400	-	-	-	048743	24	N/A -	-	-	-
89 - 400	-	-	-	048745	24	N/A -	-	-	-







All prices are indicative and exclude VAT. Visit www.dulis.nl

Membrane caps

DURAN® Membrane caps, GL45



Threaded cap with porous membrane withstanding both pressure and vacuum of 0.1 bar.

- Thread: GL45, GL32 or GL25
- PP cap with PTFE membrane filter 0.2 µm
- Maximum operating temperature: 140 °C
- Ideal for frequent use in autoclaves
- Permeable and simultaneously airtight
- Eliminates handling and cap closure problems during autoclaving
- PTFE (polytetrafluoroethylene) film welded in the middle of the blue threaded cap allows extremely fast pressure compensation between the product in the glass and its environment
- Gas-permeable, vacuum or overpressure film, but liquid-tight
- Reduction of the risk of overpressure when packaging and storing gas-forming liquids

Cat.No.	Description	Units/ box	€/ box
090386	Membrane cap, GL45	5	N/A -
096113	Membrane cap, GL32	5	N/A -
096115B	Membrane cap, GL56	4	N/A -

See caps with tamper-evident ring on dulis.nl



DURAN® Membrane cap, GLS80



- Blue polypropylene
- PTFE membrane 0.2 µm
- Ideal for autoclaving to ensure a seal while balancing pressure
- Reduces the risk of contamination

Cat. No.	Description	Units/ box	€/ box
096116	Cap GLS80, outer Ø x H (mm): 87 x 40	2	N/A -
091832	Pouring ring GLS 80 in blue PP	10	N/A -

Pyrex® Vented cap



- With 0.2 µm PTFE membrane
- GL45 thread
- Suitable for autoclaving and processes that require pressure compensation
- Permeable to gases but not to liquids

Cat. No.	Description	Units/ box	€/ box
002020	Screw cap with PTFE membrane	5	N/A -

Transfer caps

DURAN® Caps, GL45 with tubing connection

Assembly system to be assembled as required, for safe and sterile transfer of liquids.



- Possibility of working with 2, 3 or 4 GL14 tubing
- Adaptable to different tubing diameters
- The elements are compatible with each other
- Possibility of adding a sterile 0.2 µm membrane filter
- For use with classic DURAN® bottles
- For total optimization: use vacuum and pressure resistant HPLC bottles with 4-port caps: one sterile filter port and 3 tubing ports

Cat.No.	Description	Units/ box	€/ box
091390	Complete HPLC pressure bottle set with 4-port screw cap 1000 ml	2	N/A -
091391	Complete HPLC pressure bottle set with 4-port screw cap 500 ml	2	N/A -
091392	Kit: 4-port screw cap, GL45 + 4 rings 1.6 mm ø + 4 rings 3.2 mm ø + 4 seals + 4 black caps	2	N/A -
091393	Spare set: 4 rings 1.6 mm ø + 4 rings 3.2 mm ø + 4 seals + 4 black caps	1	N/A -

Cat.No.	Description	Units/ box	€/ box
091380	Screw cap GL45, 2 ports GL14	2	N/A -
091381	Screw cap GL45, 3 ports GL14	2	N/A -
091382	Screw cap GL14, blue, for tube connection	2	N/A -
091395	Screw cap GL14, red, closed	10	N/A -
091383	Insert GL14 for 1.6 mm tubing	1	N/A -
091384	Insert GL14 for 3.0 mm tubing	1	N/A -
091385	Insert GL14 for 3.2 mm tubing	1	N/A -
091386	Insert for screw cap GL14 for 6.0 mm	1	N/A -
091387	Pressure equalization set for 2 and 3 port screw cap, incl. 0.2 µm membrane filter	1	N/A -
091388	Pressure equalization set for 4 port screw cap, incl. 0.2 µm membrane filter	1	N/A -
091389	Spare membrane filter for pressure equalization. 0.2 µm	2	N/A -

Pyrex® Caps with tubing connection

- For the safe transfer of liquids within a closed and sterile system
- With cap and pouring ring
- Polypropylene screw cap with 2 or 3 connection ports
- GL45 thread
- Interchangeable components with 2-port and 3-port screw caps
- Autoclavable at 140 °C



Cat. No.	Description	Units/ box	€/ box
002022	GL45 Screw cap with 2 GL14 connection ports	2	N/A -
002023	GL45 Screw cap with 3 GL14 connection ports	2	N/A -
002025	GL14 Screw cap with tubing outlet	1	N/A -
002026	GL14 Screw cap with PTFE coated insert	1	N/A -
002029	Insert for GL14 screw cap with 1.6 mm tubing outlet	1	N/A -
002030	Insert for GL14 screw cap with 3.0 mm tubing outlet	1	N/A -
002031	Insert for GL14 screw cap with 3.2 mm tubing outlet	1	N/A -
002032	Insert for GL14 screw cap with 6.0 mm tubing outlet	1	N/A -
002033	Pressure compensation set for GL14 ports (incl. 0.2µm syringe filter)	1	N/A -
002034	Spare 0.2µm syringe filter	2	N/A -

DURAN® Caps, GLS80 with tubing connection

- Polypropylene caps with 4 ports for GLS80 modular wide neck bottles
- With tubing connection
- Safe and sterile transfer of liquids



Cat.No.	Description	Units/ box	€/ box
091833B	GLS 80 Screw cap 4 GL18 ports, in PP	2	N/A -
091834	Insert for GL 18 screw cap, 3.2 mm	1	N/A -
091835	Insert for GL 18 screw cap, 6 mm	1	N/A -
091836	Insert for GL 18 screw cap, 8 mm	1	N/A -
091837	Insert for GL 18 screw cap, 10 mm	1	N/A -
091838	Insert for GL 18 screw cap, 12 mm	1	N/A -
091839	Blue screw cap for GL 18 tubing	2	N/A -
091998	Blanking screw cap, red, PBT GL18	2	N/A -
091840	Pressure equalisation cap set for 4-port, GL 18	1	N/A -

Screw caps GL with 2 hose connectors

The hose connection system has been developed especially for the connection of flexible tubes.

- Grey polypropylene cap center rotates freely
- For the transfer of liquid within a closed system
- Ideal for use with soft elastic tubing with inner diameter of 6-9 mm (Viton, Tygon, silicone)
- The two polyproplylene connectors have angled top and straight underside connectors
- The angled hose connectors prevent the tubes from bending
- Optional sterile pressure compensation filter available
- Withstands up to + 140 °C
- Autoclavable



See PP GL45 caps for temperature sensors on dulis.nl



Cat. No.	Description	Units/ box	€/ box
096000	GL 45 Screw cap with 2 hose connectors with EPDM gasket	2	N/A -
092046	Pressure compensation filter	2	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Pyrex® Screw Cap with 2 ports



- For transferring liquids using a peristaltic pump
- Made of polypropylene
- GL45 thread
- Suitable for use with soft elastic tubing that has an inner diameter of 6-9mm
- Bottle contents can be kept sterile with an optional venting connector with a 0.2µm syringe filter
- Autoclavable at 140 °C

Cat. No.	Description	Units/ box	€/ box
002024	Twin hose connector screwcap with GL45 screwthread	2	N/A -
002035	0.2µm filter with hose connector adapter	2	N/A -

DURAN® Multiport Connector Cap GL45 and GL 25, Stainless Steel





- GL45 and GL25 caps, red PBT
- Stainless steel barbed tubing (316L) Surgical grade
- Use up to 180 °C
- Autoclavable at 121 °C for 15 minutes
- For sterile transfer or sampling of liquids between containers
- Tank caps for feeding laboratory instruments
- Set of ports for shaking and culture flasks
- Trace Code

Complete transfer cap

Cat. No.	Thread	Number of tubing	Tubing diameter (mm)	€
084477	GL 25	2	3.2	N/A -
084478	GL 25	3	3.2	N/A -
084479	GL 25	4	3.2	N/A -
096363	GL45	2	3.2	N/A -
096364	GL45	3	3.2	N/A -
096365	GL45	4	3.2	N/A -
096366	GL45	5	3.2	N/A -
084475	GL 45	3	8	N/A -

Replacement units for GL45

Cat. No.	Description	Units/ box	€/ box
084476	Silicone seal inner x outer Ø. = 40.5 x 27.5 mm; thickness 3 mm	10	N/A -
090367	Cap GL45 in red PBT, central aperture 34 mm	10	N/A -

DURAN® GL45 cap, 4-port



- Stainless steel type 316L (1.4404/S31603)
- Made with a 3D printer
- One piece electroplated for efficient cleaning and sterilisation
- Hose for tubing with and inner diameter of 6.4 mm
- The stainless steel centre and the cap are 2 separate pieces, the cap can be unscrewed without having to disconnect the hose
- Silicone gasket (platinum USP ‹88› catalyzed Class VI) and PP GL45 screw cap for tight closure
- Temperature resistant up to 140 °C (or 180 °C with PBT cap)
- Autoclavable at 121 °C for 15 minutes
- Retrace code for complete traceability

Cat. No.	Description	€
096970	PP GL45 cap with seal and aperture and stainless steel tubing	N/A -

Accessories

Cat. No.	Description	€
084476	Replacement gasket, inner diameter 40.5 mm and outer diameter 27.5 mm, thickness 3 mm	N/A -
090367	PBT GL45 screw cap with 34 mm aperture	N/A -

Applications

- Transfer of sterile liquids
- Sampling of liquids from a large volume container to bottles
- Tank cap for laboratory instruments
- Port assembly for shaking bottles and cell culture containers

PP GL45 caps for temperature sensors

- Blue polypropylene GL45 screw cap with holders for temperature sensors or thermocouples
- For holding measuring instruments during sterilisation

Cat. No.	Description	€
084487	Cap with holder and clamping ring in stainless steel and PTFE cannula for thermocouples (length 240 mm, outer diam. 6 mm, inner diam. 3.8 mm) - thermocouples 1/0.3 mm or 1/0.5 mm or 7/0.2 mm	N/A -
084488	Cap with stainless steel holder and PTFE clamping ring for temperature probe up to 6 mm diameter	N/A -

084487





084488

Caps for specific applications

Caps with Premium Seal and Pouring Ring Duran®

High quality threaded caps for universal use. Fulfils all requirements for storage and packaging of products in the pharmaceutical, chemical and food industry.

- Thread GL 45 or GL25
- USP/EP/FDA compliant
- Usable temperature range: - 196 °C to + 260 °C
- PTFE-coated silicone gasket sealed by welding
- Perfect seal between the cap and the gasket, which remains airtight after repeated closures



Cat.No.	Description	Units/ box	€/ box
090387	Cap with GL45 seal	5	N/A -
091205	Pouring ring GL45	5	N/A -
092069	Cap with seal GL25	5	N/A -

DURAN® PURE Premium Screw Caps

- EN PFA (fluoropolymer)
- High chemical and thermal resistance
- Autoclavable
- Highly inert PTFE coated silicone seal
- Produced and packaged in a clean room
- Certificate of analysis available per batch
- Full traceability
- Drug master file type III



Cat. No.	Description	Units/ box	€/ box
096988	Screw cap GL25	5	N/A -
096989	Screw cap GL45	5	N/A -
096941	Screw cap GL45 with sealing lip	5	N/A -

DURAN® PURE GLS80 Screw Caps

- Made of PSU with highly inert PTFE coated silicone seal
- High chemical and thermal resistance
- Autoclavable
- Certificate of analysis available per batch
- Full traceability



Cat. No.	Description	Units/ box	€/ box
097009	Screw cap GLS80	5	N/A -

Stericlin® Caps in ready-to-sterilise packaging

Stericlin®Packaging

- Sterile barrier according to DIN ISO 11607 consisting of film and medical paper
- Designed to maintain sterile status after sterilisation, three indicators for sterilisation STEAM, EO and FORM printed in the side seal of the package
- Effective germ barrier while being permeable to air, steam and sterilising gases
- With colour change indicator

Caps

- Material: TpCh260 (similar to PFA)
- Excellent thermal resistance between -196 °C and + 260 °C
- Ideal for dry heat sterilisation/depyrogenation
- Very high chemical resistance, complies with USP class VI
- Sterilisation possible directly in the Stericlin® package
- Sterile storage up to 6 months after sterilisation

Premium caps produced in a class 7 cleanroom according to EN ISO 14644-1, completed with a PTFE seal in the Stericlin® package to be sterilised.



Cat. No.	Description	€ 5 units
092080	Premium cap GL 25, PTFE silicone seal	N/A -
092081	Premium cap GL 45, PTFE silicone seal	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

DURAN® aluminium GL45 screw caps



- Alternatives to plastic caps
- Made of aluminium, free of hydrocarbon plastics (plasticizers, phthalates, etc.)
- Temperature resistant up to +260 °C (depyrogenation or hot air sterilisation); allows storage at low temperatures
- Compatible with DURAN® bottles from 100 ml to 20 l
- Septum supplied unassembled for ease of handling and replaceability
- The surface of the cap allows opening and closing even when the cap is wet or when wearing gloves
- Conductive material, ESD dissipation
- Available in closed version with a PTFE coated seal or open version for use with a septum or cap
- Secure closure with PTFE-coated USP <88>Class VI seal
- The open version can be used with DURAN® GL 45 bromobutyl rubber septum or silicone septa
- Optional 45mm plastic cap seals the open cap (opening)
- For the storage of sensitive samples, pharma API

Cat. No.	Description	Units/ box	€/ box
096960	Cap GL45 with high temperature resistant silicone PTFE coating seal	10	N/A -
096961	Cap with 34 mm aperture	10	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
096962	Phenolic cap compatible with aluminium cap Cat. No. 096961	10	N/A -
096963	PTFE replacement seal 43.5 x 3 mm	10	N/A -
096035	Pre-punched bromobutyl septum for GL45 caps with central aperture	10	N/A -
083461	Silicone septum (peroxide catalysed) for GL45 cap 42.7 x 3 mm	100	N/A -

GL45 and GL25 Caps, central aperture, adapted septum



- Suitable for GL45 caps with 34 mm central aperture and GL25 caps with 15 mm central aperture
- Easy piercing of the septum with a syringe

Bromobutyl septum

- Low permeability to most gases, air, moisture
- Suitable for preservation of oxygen-sensitive products, anaerobic cultures
- Made of high quality bromobutyl elastomer
- Operating temperatures: -50 to +121 °C
- Autoclavable at 121 °C for 20 minutes

Silicone-PTFE septum

- Made of PTFE-coated silicone, flexible for easy needle penetration and sealing after drilling
- High chemical resistance
- Liquid tightness
- Operating temperatures: -50 to +180 °C
- Autoclavable at 121 °C for 15 minutes
- Dry heat sterilisation up to 180 °C

Cat. No.	Description	Units/ box	€/ box
090367	Red PBT cap GL45 with central aperture 34 mm	10	N/A -
096359	Red PBT cap GL25, centre opening 15 mm	10	N/A -
096035	Pre-drilled bromobutyl septum for GL45 cap with central aperture	10	N/A -
096036	PTFE silicone septum for GL45 cap with central aperture	10	N/A -
096358	Pre-drilled bromobutyl septum for GL25 cap with central aperture	10	N/A -

Duran® Tamper-evident Caps

The Schott polypropylene tamper-evident cap for laboratory bottles (DIN thread) ISO 4796 ensures the confidentiality of your bottle's contents.

- **Thread: GL 45**
- **Material: polypropylene**
- **Maximum operating temperature: up to 140 °C**
- **PTFE coated silicone lip seal**

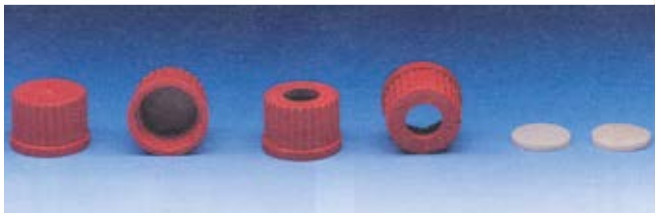


Principle:
- on the first opening, the tamper-evident ring will be broken and the contents of the bottle will no longer be guaranteed;
- after the first use, the cap can be re-used as a simple laboratory bottle cap;
- no loss of liquid thanks to the polypropylene pouring rings.

Cat. No.	Description	Units/ box	€/ box
090349	Lip seal cap	10	N/A -
091848	Silicone/PTFE sealing cap	10	N/A -

ISO caps with central aperture

- **In PBTP with central aperture**
- **For passing an electrode or sampling through a septum**
- **Designed for ISO type glass bottles**



Single caps

Cat. No.	GL	Hole diameter (mm)	Units/ box	€/ box
046656	18	11	10	N/A -
046431	25	15	10	N/A -
046432	32	20	10	N/A -
046685	45*	34	10	N/A -

* crenellated version

ISO septum only

Silicone rubber septum or PTFE-coated silicone septum for ISO opening caps

			Silicone			PTFE-coated silicone		
GL	Out. ø (mm)	Thickness (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
18	16	2	046657	10	N/A -	-	-	-
25	22	2	046434	10	N/A -	046437	10	N/A -
32	29	2	046435	10	N/A -	046438	10	N/A -
45	42	3	046436	10	N/A -	-	-	-

Smart Waste Caps, multi-port

Safety caps for Nalgene bottles.

- **2 Neck sizes: B53 and B83**
- **PP caps, PTFE body and viton seal**
- **With 1/8'' ferrules and fittings**
- **Equipped with a barbed port fitting and a threaded fitting for an activated charcoal cartridge**



Neck	1 inlet port	2 inlet ports	3 inlet ports	2 barbed ports	€
B53	107013	107014	107015	107016	N/A -
B83	107021	107022	107023	107024	N/A -

Smart Waste Caps activated carbon filters

- **Effectively traps vapours at over 95%**
- **Suitable for activated carbon cartridge slots**



Cat. No.	Description	Time of use	€
107025	Activated carbon filter, 25 grams	3 months	N/A -
107026	Activated carbon filter, 50 grams	6 months	N/A -
107027	Activated carbon filter, 50 grams with anti-splash cap	6 months	N/A -
107028	100 gram activated carbon filter	12 months	N/A -

See Smart Caps thread adapters on dulis.nl



All prices are indicative and exclude VAT. Visit www.dulis.nl

Accessories for caps

DURAN® Silicone Caps

- Versatile
- Watertight closure.
- Coloured
- Reusable



Cat. No.	Colours	Opening diameter	€
096346	Pink	43 - 61 mm	N/A -
096347	Cyan		N/A -
096348	Green		N/A -
096349	Pink	64 - 76 mm	N/A -
096350	Cyan		N/A -
096351	Green		N/A -
096352	Pink	84 - 116 mm	N/A -
096353	Cyan		N/A -
096354	Green		N/A -
096964	Pink	102 - 120 mm	N/A -
096965	Cyan		N/A -
096966	Green		N/A -
096967	Pink	132 - 147 mm	N/A -
096968	Cyan		N/A -
096969	Green		N/A -
096355	Pink	1 x 43 - 61 mm + 1 x 64 - 76 mm + 1 x 84 - 166 mm	N/A -
096356	Cyan		N/A -
096357	Green		N/A -
097013	Pink	1 x 102 - 120 mm + 1 x 132 - 147 mm	N/A -
097014	Cyan		N/A -
097015	Green		N/A -

DURAN® Torque wrench sockets



- For screw cap GL25, 32 and 45
- Apply the ideal force required for a tight closure of the caps
- The type of cap is engraved on the top to avoid any mistake
- Suitable for use in clean rooms
- Engraved lot for complete traceability
- In aluminium

Cat. No.	DURAN® Torque wrench sockets	€
096952	For cap GL25 PP 28/31 Cat. No. 090320	N/A -
096953	For cap GL25 PBT 28/31 Cat. No. 096937	N/A -
096954	For cap GL25 PREMIUM 28/31 Cat. No. 092069	N/A -
096955	For cap GL32 PP Cat. No. 090321	N/A -
096956	For cap GL32 PBT Cat. No. 096335	N/A -
096957	For cap GL45 PP Cat. No. 090311, 083469, 090804 and 090805	N/A -
096959	For cap GL45 PBT Cat. No. 090310	N/A -
096958	For cap GL45 PREMIUM Cat. No. 090387	N/A -
096961	Cap	N/A -

Non-slip bottle opener

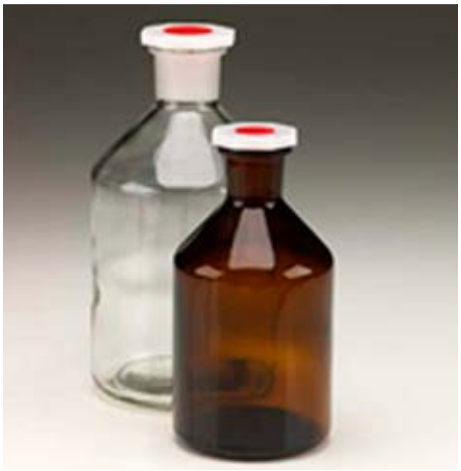


- Makes it easy to open and close the bottles
- Dome-shaped for use with all types of caps
- Latex-free
- Washable

Ø (cm)	Silver	Blue	Yellow	€
5.2	178005	178006	178007	N/A -
11.8	178002	178003	178004	N/A -

Soda-lime glass reagent bottles

- With ground neck (supplied with polyethylene cap)
- Amber glass version ideal for light sensitive samples (UV protection up to 500 nm)
- Complies with ISO 4796-2



				Clear glass		Amber glass	
Capacity (ml)	Dimensions (Ø x H)(mm)	CN socket	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
50	42 x 77	14/15	10	251549	N/A -	251554	N/A -
100	52 x 103	14/23	10	251550	N/A -	251555	N/A -
250	69 x 131	19/26	10	251551	N/A -	251556	N/A -
500	85 x 163	24/29	10	251552	N/A -	251557	N/A -
1000	107 x 199	29/32	10	251553	N/A -	251558	N/A -

Glass bottles with standard ground-glass cap

- Ground glass bottles
- In clear or amber glass
- Narrow or wide neck
- With glass or polyethylene cap









		Narrow neck clear glass				Narrow neck brown glass			
		Polyethylene cap		Glass cap		Polyethylene cap		Glass cap	
Vol.(ml)	RIN	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
50	14.5	065237	N/A -	065243	N/A -	065249	N/A -	065255	N/A -
100	14.5	065238	N/A -	065244	N/A -	065250	N/A -	065256	N/A -
250	19	065239	N/A -	065245	N/A -	065251	N/A -	065257	N/A -
500	24	065240	N/A -	065246	N/A -	065252	N/A -	065258	N/A -
1000	29	065241	N/A -	065247	N/A -	065253	N/A -	065259	N/A -
2000	29	065242	N/A -	065248	N/A -	065254	N/A -	065260	N/A -

		With wide neck clear glass				With wide neck brown glass	
		Polyethylene cap		Glass cap		Polyethylene cap	
Vol.(ml)	RIN	Cat. No.	€	Cat. No.	€	Cat. No.	€
50	24	065261	N/A -	-	-	065273	N/A -
100	29	065262	N/A -	065268B	N/A -	-	-
250	34.5	065263	N/A -	-	-	065275	N/A -
500	45	065264	N/A -	-	-	065276	N/A -
1000	60	065265	N/A -	-	-	065277	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Borosilicate glass

Wheaton® glass bottles and dropper set



- Bottles and dropper, manufactured from 5.1 expansion clear tubular borosilicate glass, autoclavable
- In clear or amber glass
- Controlled drop size for consistency in dispensing
- For diagnostic analysis and pharmacy
- Pharmaceutical grade rubber bulbs
- Choice of coloured caps available on request (please consult us)

Clear glass bottles without cap

Cat. No.	Volume (ml)	ø x H (mm)	Neck ø (mm)	Units/ box	€/ box
442701	3	16 x 36	14.5	1870	N/A -
442702	4.5	16 x 47	14.5	1870	N/A -
442703	7	20 x 43	18	980	N/A -
442704	10	20 x 58	18	980	N/A -

Dropper caps

Cat. No.	For volume flasks (ml)	Drop volume (µl)	Colours	Units/ box	€/ box
442705	3	40	White	1870	N/A -
442706	4.5	40	White	1870	N/A -
442707	7	50	Black	980	N/A -
442708	10	50	Black	980	N/A -

Soda-lime glass

DIN 28 screw caps and DIN 28 caps



Screw-top bottles with DIN 28 neck

- Type III soda-lime glass bottles
- Bottles supplied without cap
- Available in clear or amber glass
- Complies with European and US pharmacopoeia specifications
- Vials and caps with batch number and certificate of analysis

			Clear glass			Amber glass		
Volume (ml)	H. (mm)	Max. inner Ø (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
30	67	35	942985	108	N/A -	942740B	110	N/A -
60	94	38.6	942741	127	N/A -	-	-	-
250	142.9	61.7	810414B	49	N/A -	-	-	-
500	176.8	76.8	810415B	30	N/A -	810419	35	N/A -
1000	215.6	97.5	810416	20	N/A -	-	-	-

Dropper cap with plastic tube DIN 28



- Polyethylene with seal, teat and plastic tube
- Tube to be cut to fit the length of the bottle

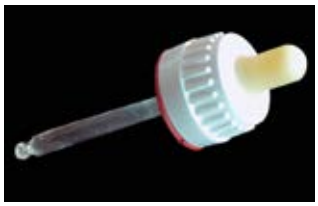
Cat.No.	Description	€
942728	Dropper cap with plastic tube	N/A -

Screw cap DIN 28 made of white polyethylene with tamper evident ring



Cat. No.	Description	€
942737	Screw cap with tamper evident ring	N/A -

Dropper cap with DIN 28 glass tube



- Polyethylene with seal, latex teat and glass tube

Cat. No.	tube L. (mm)	For bottle vol. (ml)	€
942729	65	30	N/A -
942730	90	60	N/A -
942731	110	125	N/A -

Screw cap with polyethylene DIN 28 safety collar



Ring colour	White			Red
Cap Colour	Blue	Red	Yellow	White
Cat.No.	942732B	942733B	942735B	942736B
€/ 100 units	N/A -	N/A -	N/A -	N/A -

Soda-lime glass bottles, standard cap or dropper

- In clear or amber glass
- Standard aperture PP28, syrup bottle type
- Supplied without cap
- Different types of caps, black or white with dropper caps for volumes of 30, 60 and 125 ml

Vol. (ml)	Tot. Vol. (ml)	ø x H without cap (mm)	Units/ box	Clear	€/ box	Amber	€/ box
30	37	35 x 67	156	673300B	N/A -	673313B	N/A -
60	67	38.6 x 92.7	127	673301	N/A -	673314B	N/A -
100	108	46.1 x 104.8	86	673303	N/A -	673316C	N/A -
250	260	60.8 x 143	60	673305C	N/A -	673318	N/A -
500	546	76 x 183.5	35	673306B	N/A -	673319D*	N/A -
1000	1106	96.5 x 229	20	673307	N/A -	673320	N/A -

* Units/box: 32



PP28 Caps

Cat. No.	Description	€ 100 units
673308	PP28 Cap, black	N/A -
673336B	PP28 Cap, white	N/A -
673310	PP28 cap with dropper 30 ml	N/A -
673311	PP28 cap with dropper 60 ml	N/A -
673312	PP28 cap with dropper 125 ml	N/A -
674048A	PP28 cap, reinforced sealing - butyl PTFE seal	N/A -

Amber Glass Dropper Bottles

- Amber glass
- Suitable for GL 18 cap

Cat. No.	Volume (ml)	ø x H (mm)	Units/ box	€/ box
674425	10	23.8 x 62.3	180	N/A -
674426	30	32.8 x 80.2	143	N/A -
674427C	50	39 x 92.9	114	N/A -
674428	100	47 x 110.7	68	N/A -



GL18 Caps

Cat. No.	Description	€ 100 units
674429	Tamper-proof cap, black	36.70 -
674430	Cap with dropper for 10 ml bottle	88.50 -
674434	Cap with spray pump for 30 ml bottle	118.30 -

Blue or green glass dropper bottles







Flasks

- Soda-lime glass type III
- DIN-18 Neck

Cat.No.	Colours	Volume (ml)	Height (mm)	Ø (mm)	Units/ box	€/ box
942787B	Cobalt blue	5	50	22	255	N/A -
942788B	Cobalt blue	10	58	25	192	N/A -
942789	Cobalt blue	15	65	28	156	N/A -
942790	Cobalt blue	30	79	33	110	N/A -
942791	Green	5	50	22	255	N/A -
942792	Green	10	58	25	600	N/A -
942793	Green	15	65	28	156	N/A -
942794B	Green	30	79	33	110	N/A -

Internal dropper safety caps

- Polyethylene with seal

Cat.No.	Colours	€
942775	Yellow	N/A -

Dropper caps with glass tube

- Polyethylene with seal
- Silicone teat

Cat.No.	For flask	€
942776	5 ml	N/A -
942777B*	10 ml	N/A -
942778	15 ml	N/A -
942779	30 ml	N/A -

*Sales unit x 100

All prices are indicative and exclude VAT. Visit www.dulis.nl

Borosilicate glass

6 ml Glass Scintillation Vials



- Caps separately packaged
- 6 ml vials
- ASTM type I class A and USP type I standards
- Made of low-potassium glass
- Size with mounted cap: 17 x 58 mm

Cat. No.	Composition of the cap	Seal cap	Cap	Units/ box	€/ box
048454	Urea	Metal	15-425	1000	N/A -

20 ml Scintillation Vials



- 20 ml vials
- Made from glass with low potassium rate
- ASTM type I class A and USP type I standards
- Dimensions of assembled cap: 28 x 61 mm
- Screw cap attached
- Supplied assembled in trays compartmentalised into 100 pieces

Cat. No.	Composition of the cap	Seal Cap	Cap	Units/ box	€/ box
052815	Polypropylene	Polyethylene	22-400	500	N/A -
048444	Polypropylene	Metal	22-400	500	N/A -
048445	Urea	Metal	22-400	500	N/A -
048446	Urea	Poly-seal cone	22-400	500	N/A -
048885	Urea	Polyethylene	22-400	500	N/A -
442715	Polypropylene	Polyethylene	24-400	500	N/A -
048809	Polypropylene	Metal	24-400	500	N/A -

20 ml Glass Scintillation Vials



KG-33 borosilicate glass scintillation vial. The glass is potassium free, has minimal background noise.
The vials are presented on trays of 100 units, with alphanumeric markings.

- ø x H: 28 x 61 mm with cap
- Neck ø: 22 mm
- Volume: 20 ml

Cat. No.	Type Cap	Seal	Cap	Pack unit.	Units/ box	€/ box
045293	Urea	Cork - aluminium	Mounted	100	500	N/A -
045294	Polypropylene	Expanded PEL	Mounted	100	500	N/A -
045295	Urea	Polyseal Cone	Mounted	100	500	N/A -
045296	Urea	Cork - aluminium	Not mounted	100	500	N/A -
045298	Urea	Polyseal Cone	Not mounted	100	500	N/A -

Racks

Wheaton® Rack for 50 scintillation vials

- For 20 ml tubes, max. diameter 28 mm
- Made of polypropylene
- With drainage hole under each slot
- Dimensions: 33 x 17 x 3 cm

Cat.No.	Description	€
048457	Rack for 5 x 10 scintillation vials, 20 ml	N/A -



(Delivered without vial)

Wheaton® Rack for 48 scintillation vials

- Max. Diameter 15 mm
- Made of polypropylene
- Dimensions: 26.6 x 9.4 x 2.8 cm

Cat.No.	Description	€
048458	Rack for 4 x 12 vials	N/A -



(Delivered without vial)

Wheaton® Rack for scintillation vials from 13 to 17 mm ø

- For 90 samples
- Dimensions: 32 x 17 x 3 cm

Cat.No.	Description	€
048459	Rack for 6 x 15 vials	N/A -



(Delivered without vial)

Rack for 24 Scintillation Vials, 20 ml

- In autoclavable polypropylene
- Corrosion resistant
- L x W x H: 298 x 127 x 95 mm

Cat.No.	Description	€
085250	Rack for scintillation vials	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Borosilicate glass - Straight edge

Glass bottles with SNAP neck



- Borosilicate glass
- Autoclavable
- Adapted for Snap tight-fit cap

Cat. No.	Volume (ml)	Dimension ø x H (mm)	Neck diameter (mm)	Units/ box	€/ box
440235	7	23 x 35	22	190	N/A -
440230	10	23 x 47	22	190	N/A -
440231	15	25 x 48	22	162	N/A -
440232	20	25 x 66	22	162	N/A -
440234	30	27 x 73	22	140	N/A -

Caps

Cat. No.	Description	Units/ box	€/ box
440233	Snap Cap, PE, 22 mm ø	190	N/A -
050945	Snap Cap, LDPE, 22 mm ø	162	N/A -



Plastic scintillation vials:
See pages 846 and 847

Tubular and Moulded Sample Bottles



- Borosilicate glass
- Autoclavable
- Capping neck

Cat. No.	Type	Volume (ml)	Dim. ø x H (mm)	Neck ø (mm)	Units/ box	€/ box
440255	Tubular	2	15 x 33	13	466	N/A -
440257	Tubular	5	23 x 39	20	208	N/A -
440251	Tubular	10	24 x 46	20	160	N/A -
440258	Tubular	20	29 x 56	20	95	N/A -
440250B	Moulded	100	52 x 94	20	49	N/A -

SNAP butyl rubber caps

Cat. No.	Type	ø (mm)	Units/ box	€/ box
440252	Butyl cap	13	1000	N/A -
440254	Butyl cap	22	1000	N/A -
442637	Freeze-drying cap	13	1000	N/A -
442639	Silicone injection cap	20	1000	N/A -



See the 30 ml universal glass bottles
on www.dulis.nl

Serum Vials



G-33 clear borosilicate glass serum vials (or penicillin vials). They are sealed with rubber caps or aluminium lids.
Autoclavable and freezable, thanks to their great neutrality, the are ideal for handling and storing reagents, culture media, blood plasma, vaccines, chromatography samples, etc.

Cat. No.	Volume (ml)	Ø x H (mm)	Neck ø (mm)	Units/ box	€/ box
045254	2	15 x 40	13	288	N/A -
045255	3.5	18 x 45	13	144	N/A -
045256	5	23 x 47	20	288	N/A -
045257	10	25 x 54	20	288	N/A -
045258	20	30 x 57	20	144	N/A -

Glass Sample Bottles with Conical Bottom



- For maximum sample recovery
- Made of borosilicate glass with low extractables to ASTM Type I Class A and USP Type I standards

Bottles only

Cat. No.	Capacity (ml)	Mouth* (mm)	Ø x H (mm)	Units/ box	€/ box
048505	0.3	7 x 13	13 x 32	12	N/A -
048506	1	7 x 13	13 x 41	12	N/A -
048507	2	13 x 20	20 x 40	12	N/A -
048508	3	13 x 20	20 x 46	12	N/A -
048509	5	13 x 20	20 x 61	12	N/A -

* For inner ø x outer ø mouth.

Borosilicate Glass - Straight Edge

Serum Bottles

- In clear or amber glass
- Borosilicate glass (USP type I standards)
- Volumes from 2 to 125 ml





Clear glass

Cat. No.	Capacity (ml)	Mouth* (mm)	Ø x H (mm)	Units/ box	€/ box
052821	2	7 x 13	17.5 x 35	288	N/A -
048670	5	13 x 20	23 x 47	288	N/A -
048671	10	13 x 20	25 x 54	288	N/A -
048672	20	13 x 20	32 x 58	288	N/A -
048673	30	13 x 20	37 x 63	288	N/A -
048674	50	13 x 20	43 x 73	288	N/A -
048675	60	13 x 20	41 x 91	144	N/A -
048676	100	13 x 20	52 x 95	144	N/A -
048677	125	13 x 20	54 x 107	144	N/A -

* For inner ø x outer ø mouth.

Amber glass

Cat. No.	Capacity (ml)	Mouth* (mm)	Ø x H (mm)	Units/ box	€/ box
048678	5	13 x 20	23 x 47	288	N/A -
048463	10	13 x 20	25 x 54	288	N/A -
048464	20	13 x 20	32 x 58	288	N/A -
048465	30	13 x 20	37 x 63	288	N/A -
048466	50	13 x 20	43 x 73	288	N/A -
048467	100	13 x 20	52 x 95	144	N/A -

* For inner ø x outer ø mouth.

Serum Bottles for Freeze-drying Applications

- For freeze drying applications, reinforced bottom
- Inner edge with a groove to ensure a good seal with Snap-on plugs
- Shrink-wrapped modules reduce particulate contamination
- Low-extractable borosilicate glass (ASTM Type I Class A and USP Type I standards)





Clear glass

Cat. No.	Capacity (ml)	Mouth* (mm)	Ø x H (mm)	Units/ box	€/ box
048668	2	7 x 13	15 x 32	144	N/A -
048468	3	7 x 13	17 x 38	144	N/A -
048469	5	13 x 20	22 x 40	144	N/A -
048470	10	13 x 20	24 x 50	144	N/A -
048471	20	13 x 20	30.5 x 58	120	N/A -

* For inner ø x outer ø mouth.

Amber glass

Cat. No.	Capacity (ml)	Mouth* (mm)	Ø x H (mm)	Units/ box	€/ box
048472	2	7 x 13	15 x 32	144	N/A -
048473	5	13 x 20	22 x 40	144	N/A -
048474	10	13 x 20	24 x 50	144	N/A -

* For inner ø x outer ø mouth.

All prices are indicative and exclude VAT. Visit www.dulis.nl

Borosilicate Glass - Straight Edge

Wheaton® Completepak



- Crimp bottles, rubber stoppers and Flip caps, high quality and cleanliness
- Ready-to-use items: cleaned, depyrogenated and sterilised (autoclave)
- Complete traceability of production
- Supplied with batch certificate
- Complies with European Pharmacopoeia and US Pharmacopoeia for sterility, particulate and endotoxins

Elements available in kits or separately:

- Serum bottles, type I clear borosilicate glass
- Serum caps or freeze-drying caps:
  - Omniflex 3G: elastic, very low residual adhesion, low extractables
  - Ultrapure: made of high chemical purity bromobutyl, with low gas permeability, latex and nitrosamine free
- Flip Cap crimp in blue or red

Completepak components

Serum bottles

Cat. No.	055814	055815	055816
Volume (ml)	2	5	10
Neck diameter (mm)	13	20	20
Units/box	210	200	158
€/box	N/A -	N/A -	N/A -

Caps

Type	Serum/ Omniflex		Serum/ Ultrapure		Freeze drying/ igloo Ultrapure	
Cat. No.	055817	055820	055818	055821	055819	055822
Neck diameter (mm)	13	20	13	20	13	20
Units/box	230	220	230	220	230	220
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Flip Cap

Cat. No.	055823	055824	055825	055826
Diameter (mm)	13		20	
Colours	Red	Blue	Red	Blue
Units/box	230	230	220	220
€/box	N/A -	N/A -	N/A -	N/A -

Completepak kits

2 ml vials (13 mm neck)

Pack containing 210 vials, 230 stoppers and Flip Cap

Cat. No.	055827	055828	055829	055830	055831	055832
Ultrapure Serum stoppers	•			•		
Ultrapure Omniflex Serum stoppers		•			•	
Igloo Omniflex freeze-drying stoppers			•			•
Cap colour	Blue			Red		
€/kit	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

5 ml vials (20 mm neck)

Pack containing 200 vials, 220 stoppers and Flip Caps

Cat. No.	055833	055834	055835	055836	055837	055838
Ultrapure Serum stoppers	•			•		
Ultrapure Omniflex Serum stoppers		•			•	
Igloo Omniflex freeze-drying stoppers			•			•
Cap colour	Blue			Red		
€/kit	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

10 ml vials (20 mm neck)

Pack containing 158 vials, 220 stoppers and Flip Caps

Cat. No.	055839	055840	055841	055842	055843	055844
Ultrapure Serum stoppers	•			•		
Ultrapure Omniflex Serum stoppers		•			•	
Igloo Omniflex freeze-drying stoppers			•			•
Cap colour	Blue			Red		
€/kit	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

In borosilicate glass - Screw edge

Borosilicate Glass Sample Bottles





- In borosilicate glass, autoclavable
- Recommended for freeze-drying
- Screw-in neck

Cat. No.	Type	Vol. (ml)	Dim. ø x H (mm)	Neck ø (mm)	Units/ box	€/ box
440249	Transparent	3	18 x 36	15.5	320	**N/A -**
442623	Transparent	5	18 x 41	15.5	320	**N/A -**
442624	Transparent	10	25 x 50	22	154	**N/A -**
442625	Transparent	20	28 x 63	22	130	**N/A -**
442626	Transparent	25	32 x 63	22	99	**N/A -**
442627	Amber	3	18 x 36	15.5	320	**N/A -**
442628	Amber	5	18 x 41	15.5	320	**N/A -**
442629	Amber	10	25 x 50	22	154	**N/A -**
440247	Amber	20	28 x 63	22	130	**N/A -**
442630	Amber	25	32 x 63	22	99	**N/A -**

Caps

Cat. No.	Type	ø (mm)	Units/ box	€/ box
440253	Butyl freeze-drying cap	14	1000	**N/A -**
442633	Butyl freeze-drying cap	20	1000	**N/A -**
440246	White PP cap	15.5	1000	**N/A -**
440248	White PP cap	22	1000	**N/A -**
442631	White urea EPE cap	15.5	1000	**N/A -**
442632	White urea EPE cap	22	1000	**N/A -**

KIMBLE Sample vials with screw cap



KG-33 borosilicate glass flasks ensure perfect sample stability. Flat bottom and gasketed caps, autoclavable and freezable.

Cat. No.	Volume (ml)	ø x H (mm)	Cap type	Units/ box	€/ box
045217B	2	12 x 35	8 - 425	288	**N/A -**
045218	4	15 x 45	13 - 425	144	**N/A -**
045219	8	17 x 60	15 - 425	144	**N/A -**
045220	12	19 x 65	15 - 425	144	**N/A -**
045221	16	21 x 70	18 - 400	144	**N/A -**
045222	24	23 x 85	20 - 400	144	**N/A -**

KIMBLE Uncapped Sample Vials

Screw-necked flasks made of borosilicate glass KG-33 or amber 203, ensuring perfect sample stability. Flat bottom
They can be complemented by a wide range of screw caps.



Low flasks, Clear KG-33 glass

Volume (ml)	ø x H (mm)	Screw neck type	Cat. No.	Units/ box	€/ box
2	15 x 28	13 - 425	**045235**	200	**N/A -**
6	19 x 40	15 - 425	**045237**	200	**N/A -**

High flasks

			Transparent glass KG-33 vials			Amber 203 glass vials		
Volume (ml)	ø x H (mm)	Screw neck type	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
2	12 x 32	8 - 425	**045223**	100	**N/A -**	**045230**	100	**N/A -**
4	15 x 45	13 - 425	**045224B**	100	**N/A -**	**045231B**	100	**N/A -**
8	17 x 60	15 - 425	**045225**	200	**N/A -**	**045232**	200	**N/A -**
12	19 x 65	15 - 425	**045226**	200	**N/A -**	**045233B**	200	**N/A -**
16	21 x 70	18 - 400	**045227**	200	**N/A -**	-	-	-
20	23 x 85	20 - 400	**045228**	200	**N/A -**	-	-	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

Screw caps for KIMBLE vials



Vials can be capped with a wide range of cap types.
- Phenolic caps with PTFE seal: excellent thermal and chemical resistance (A).
- Open polypropylene caps with PTFE-faced silicone septum (B).
- Open phenolic caps with PTFE-faced silicone septum (C).

	Phenolic caps with PTFE seal (A)			PP cap with septum (B)			Phenolic caps with septum (C)		
Screw neck type	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
8 - 425	**045238**	144	**N/A -**	**045249**	100	**N/A -**	**045251**	100	**N/A -**
13 - 425	**045239**	144	**N/A -**	**045250**	100	**N/A -**	**045252**	100	**N/A -**
15 - 425	**045240**	144	**N/A -**	-	-	-	-	-	-
18 - 400	**045241**	144	**N/A -**	-	-	-	-	-	-
20 - 400	**045242**	144	**N/A -**	-	-	-	-	-	-
24 - 400	**045243**	144	**N/A -**	-	-	-	-	-	-

White Glass Plasma Flasks









- **Type I neutral white borosilicate glass flasks**
- **Sold without cap**
- **Ring: PHIE 40**

Cat. No.	Base Ø (mm)	Flask H. (mm)	Capacity (ml)	Units/ box	€/ box
674022	90	152	500	24	**N/A -**
674023B	90	247	1000	20	**N/A -**
674024	120	282	2000	9	**N/A -**

Stoppers and caps for plasma vials

Cat. No.	Description	Units/ box	€/ box
674025	Red rubber septum cap	100	**N/A -**
674026	40 mm perforated aluminium screw cap	100	**N/A -**
674027	40 mm perforated aluminium screw cap	1500	**N/A -**

DWK LIFE SCIENCES

Clear Glass Bottles



- **Borosilicate clear glass bottles with low extractable content (ASTM type I classe A and USP type I standards)**
- **Autoclavable**
- **Black phenolic caps with white rubber seal**
- **Delivered in cardboard boxes with crossbars, plastic over-wrapping to protect against dust**
- **Mounted caps**

Cat. No.	Capacity (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048398	2	12 x 38	8-425	288	**N/A -**
048399	4	15 x 48	13-425	144	**N/A -**
048400	8	17 x 63	15-425	144	**N/A -**
048401	12	19 x 68	15-425	144	**N/A -**
048402	16	21 x 73	18-400	144	**N/A -**
048679	24	23 x 88	20-400	144	**N/A -**
048680	20	28 x 60	24-400	72	**N/A -**
048681	25	28 x 73	24-400	72	**N/A -**
048682	40	28 x 98	24-400	72	**N/A -**

Amber Glass Vials

- Borosilicate amber glass vials with low extractables (ASTM type I class B and USP type I standards)
- Autoclavable
- Delivered in cardboard boxes with crossbars, plastic over-wrapping to protect against dust
- Mounted caps



Cat. No.	Vol. (ml)	Uses	ø x H (mm)	Cap	Seal	Units/ box	€/ box
048403	2	Aqueous solution	12 x 38	8-425	Rubber	288	N/A -
048404	4	Aqueous solution	15 x 48	13-425	Rubber	144	N/A -
048405	8	Aqueous solution	17 x 63	15-425	Rubber	144	N/A -
048406	20	Organic solution	28 x 60	24-400	PTFE	72	N/A -
048407	40	Organic solution	28 x 98	24-400	PTFE/rubber	72	N/A -

Clear Glass Low Vials

- Borosilicate glass vials with low extractables (ASTM type I class A and USP type I standards)
- Autoclavable
- Black phenolic caps with white rubber seal
- Delivered in cardboard boxes with crossbars, plastic over-wrapping to protect against dust
- Caps mounted or uncapped



Low vias with cap

Cat. No.	Capacity (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048408	2	15 x 31	13-425	200	N/A -
048409	4	17 x 41	15-425	200	N/A -
048410	6	19 x 43	15-425	200	N/A -

Low bottles without cap

Cat. No.	Capacity (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048414	2	15 x 28	13-425	200	N/A -
048415	4	17 x 38	15-425	200	N/A -
048416	6	19 x 40	15-425	200	N/A -



See caps on page 1067

Clear Glass Culture Flasks

- Borosilicate glass vials with low extractables (ASTM type I class A and USP type I standards)
- Autoclavable
- Black phenolic caps with white rubber seal
- Delivered in cardboard boxes with crossbars, plastic over-wrapping to protect against dust
- Mounted caps



Cat. No.	Capacity (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048411	4	15 x 51	13-415	144	N/A -
048412	8	17 x 70	15-415	144	N/A -
048413	12	19 x 72	15-415	144	N/A -

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Economical Clear Glass Vials without cap



See caps on page 1067

TIP

- Borosilicate glass vials with low extractables (ASTM type I class A and USP type I standards)
- Transparent
- Shrink-wrapped plastic dust cover (reduces contamination)

Cat. No.	Capacity (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048417	1.8	12 x 32	8-425	200	N/A -
048418	2	12 x 35	8-425	200	N/A -
048419	4	15 x 45	13-425	200	N/A -
048420	8	17 x 60	15-425	200	N/A -
048421	12	19 x 65	15-425	200	N/A -
048422	16	21 x 70	18-400	200	N/A -
048423	24	23 x 85	20-400	200	N/A -
048424	20	28 x 57	24-400	200	N/A -
048425	40	28 x 95	24-400	200	N/A -
048426	60	30 x 125	24-400	143	N/A -

Economy Amber Glass Vials without cap



- Amber glass bottles (ASTM type I class B and USP type I standards)
- Protection for light-sensitive samples

Cat. No.	Capacity (ml)	ø x H (mm)	Cap	Units/ box	€/ box
048427	1.8	12 x 32	8-425	200	N/A -
048428	2	12 x 35	8-425	200	N/A -
048429	4	15 x 45	13-425	200	N/A -
048430	8	17 x 60	15-425	200	N/A -

TIP

See caps on page 1067

Vials, pre-ranged in boxes



- Clear polystyrene vial file case with hinged lid
- With alphanumerical indexing
- Foam cushioning at the bottom of the case
- Borosilicate glass with low rates of extractables (ASTM type I class A and USP type I standards) or low retention treated polypropylene

Empty cases

Cat. No.	Description	Units/ box	€/ box
048396	Empty case, 60 x 2 ml vials	6	N/A -
048397	Empty box, 40 x 4 ml vials	6	N/A -

Cases with clear glass vials and black phenolic caps with rubber line

Cat. No.	Capacity (ml)	ø x H (mm)	Cap	Flasks/ box	€/ box
048389	2	12 x 38	8-425	60	N/A -
048390	4	15 x 48	13-425	40	N/A -

Boxes with amber glass bottles and black phenolic stopper with rubber seal

Cat. No.	Capacity (ml)	ø x H (mm)	Cap	Flasks/ box	€/ box
048391	2	12 x 38	8-425	60	N/A -
048392	4	15 x 48	13-425	40	N/A -

Glass Vials with Conical Bottoms





- In clear or amber glass
- Conical bottom ensures maximum sample recovery
- Packaging using low particle release materials
- With screw-on or serum cap

NextGen V vial graduated vials, clear glass with black phenolic cap

Volume (ml)	Size	ø x H (mm) with cap	Rubber 14B cap PTFE-faced Cat. No.	Rubber 14B cap PTFE-faced € 12 units	Open cap in PTFE-faced silicone Cat. No.	Open cap in PTFE-faced silicone € 12 units
0.3	13-425	13 x 55	050319	N/A -	048517	N/A -
1	13-425	13 x 44	050320	N/A -	048518	N/A -
2	15-415	17 x 61	050321	N/A -	-	-
2	20-400	20 x 44	050322	N/A -	048519	N/A -
3	20-400	20 x 50	050323	N/A -	048520	N/A -
5	20-400	20 x 65	050324	N/A -	048521	N/A -

NextGen V Vial in clear glass without cap

Cat. No.	Volume (ml)	Vial size int x ext (mm)	ø x H (mm)	Units/ box	€/ box
050333	0.1	5 x 11	12 x 32	12	N/A -
050334	0.3	5 x 11	12 x 32	12	N/A -

Amber vial with screw mouth without cap

Cat. No.	Volume (ml)	ø x H (mm)	Cap size	Units/ box	€/ box
050346	1	13 x 44	13-425	12	N/A -
050347	2	20 x 44	20-400	12	N/A -
050349	5	20 x 65	20-400	12	N/A -

NextGen V Vial Non-graduated vials, in clear glass with black phenolic cap

Volume (ml)	Size	ø x H (mm) with cap	Rubber 14B cap PTFE-faced Cat. No.	Rubber 14B cap PTFE-faced € 12 units	Open cap in PTFE-faced silicone Cat. No.	Open cap in PTFE-faced silicone € 12 units
0.1	8-425	12 x 35	-	-	050325	N/A -
0.3	13-425	13 x 35	048510	N/A -	050327	N/A -
0.3	8-425	12 x 35	-	-	050326	N/A -
1	13-425	13 x 44	048511	N/A -	050328	N/A -
2	15-415	17 x 61	048512	N/A -	-	-
2	20-400	20 x 44	048513	N/A -	050329	N/A -
3	20-400	20 x 50	048514	N/A -	050330	N/A -
5	20-400	20 x 65	048515	N/A -	050331	N/A -
10	24-400	24 x 72	048516*	N/A -	050332*	N/A -

* sold per 6

NextGen V Vial Non-graduated vials, in amber glass with black phenolic cap

Volume (ml)	Size	ø x H (mm) with cap	Rubber 14B cap PTFE-faced Cat. No.	Rubber 14B cap PTFE-faced € 12 units	Open cap in PTFE-faced silicone Cat. No.	Open cap in PTFE-faced silicone € 12 units
1	13-425	13 x 44	050336	N/A -	050341	N/A -
2	20-400	20 x 44	050337	N/A -	050342	N/A -
5	20-400	20 x 65	050339	N/A -	050344	N/A -

Glass sample vials with conical bottom

Vials with PTFE-faced phenolic caps

Cat. No.	Capacity (ml)	Cap	Ø x H (mm)	Units/ box	€/ box
048510	0.3	13-425	13 x 35	12	N/A -
048511	1	13-425	13 x 44	12	N/A -
048512	2	15-415	17 x 61	12	N/A -
048513	2	20-400	20 x 44	12	N/A -
048514	3	20-400	20 x 50	12	N/A -
048515	5	20-400	20 x 65	12	N/A -
048516	10	24-400	24 x 72	6	N/A -

Graduated bottles with open PTFE-faced phenolic caps

Cat. No.	Capacity (ml)	Cap	Ø x H (mm)	Units/ box	€/ box
048517	0.3	13-425	13 x 35	12	N/A -
048518	1	13-425	13 x 44	12	N/A -
048519	2	20-400	20 x 44	12	N/A -
048520	3	20-400	20 x 50	12	N/A -
048521	5	20-400	20 x 65	12	N/A -





All prices are indicative and exclude VAT. Visit www.dulis.nl

Soda-lime glass - Straight edge

Glass Sample Bottle

- In clear or amber glass
- Volume from 3 to 100 ml
- With polyethylene snap cap (to be ordered separately)



Clear glass sample bottles

	Sample bottle				Cap		
Capacity (ml)	H x out. ø (mm)	Neck ø (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
3	30 x 19	13	046576	200	N/A -	046574	200	N/A -
5	40 x 19	13	046577B	200	N/A -	046574	200	N/A -
10	45 x 22	17	046578	200	N/A -	046573	200	N/A -
15	52 x 24	17	046572	200	N/A -	046573	200	N/A -
20	70 x 25	17	046579	200	N/A -	046573	200	N/A -
20	55 x 27	17	046580	200	N/A -	046573	200	N/A -
30	75 x 28	17	046581	200	N/A -	046573	200	N/A -
25	50 x 30	22	046582B	200	N/A -	046575B	200	N/A -
35	65 x 30	22	046583	200	N/A -	046575B	200	N/A -
40	80 x 30	22	046584	200	N/A -	046575B	200	N/A -
50	100 x 30	22	046585	200	N/A -	046575B	200	N/A -
100	145 x 34	22	046586	100	N/A -	046575B	200	N/A -

Amber glass sample bottle (without cap)

Cat. No.	Volume (ml)	Ext. ø x H (mm)	Inner ø (mm)	Units/ box	€/ box
068657	18	32 x 43	20	210	N/A -

Cap for amber glass sample bottle

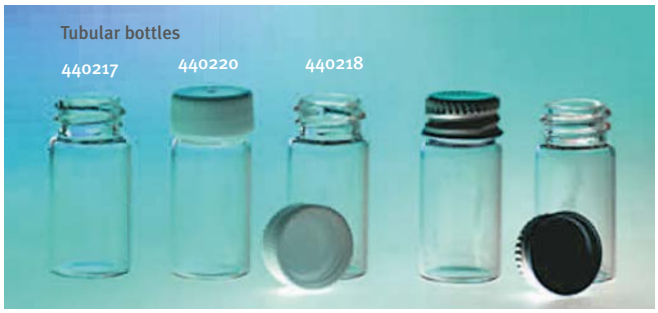
Cat. No.	Description	Units/ box	€/ box
068661	Cap SC 30 mm	100	N/A -

Made of soda-lime glass - Screw edge

Tubular or moulded glass bottles

Tubular bottles

- Soda-lime glass
- Screw-in neck
- Universal bottles, 30 ml
- Bijou vial, 7 ml



Moulded bottles

- Borosilicate glass
- Autoclavable
- Screw-in neck



Tubular bottles

				Bottles only		Bottle with PP cap		Bottle with separate PP cap	
Vol. (ml)	ø x H (mm)	Neck ø (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
7	20 x 43	18	1715	440217	N/A -	440220	N/A -	440218	N/A -
30	27 x 82	24	500	440213	N/A -	440225	N/A -	440224	N/A -

Moulded bottles

			Bottles only			Bottle with PP cap			Bottle with aluminium cap		
Vol. (ml)	ø x H (mm)	Neck ø (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
7	22 x 50	20	440214	255	N/A -	-	-	-	440216	288	N/A -
30	28 x 83	28	440211	150	N/A -	440212	144	N/A -	440210	144	N/A -

Caps for tubular or moulded vials

In self-sealing polypropylene or aluminium with non-toxic rubber seal.

- Autoclavable
- Suitable for bottles 440217, 440213, 440214, 440211



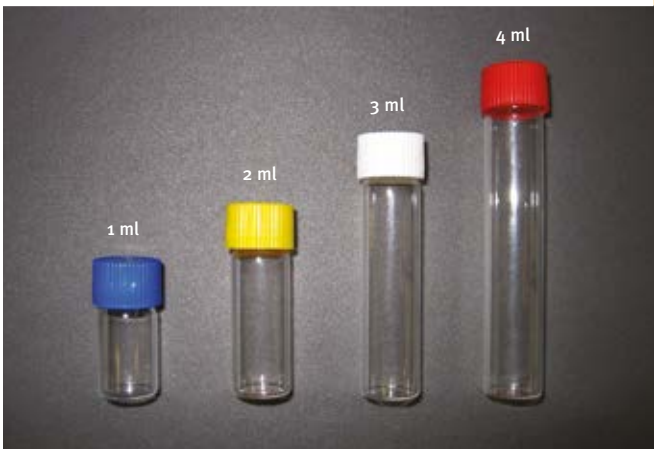
		Polypropylene		Aluminium	
ø (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
18	1000	440201	N/A -	-	-
20	1000	-	-	440202	N/A -
24	1000	055891	N/A -	-	-
28	1000	440209	N/A -	440208	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Glass Bottles 1, 2, 3, 4 and 5 ml





- White glass, available in different volumes: 1, 2, 3, 4 and 5 ml
- With aluminium, coloured autoclavable plastic or open autoclavable plastic cap with septum
- Without marking surface
- Polypropylene boxes are autoclavable at 121 °C
- The bottles are delivered without the boxes
- Clear or amber bottles for 1 and 2 ml

	For flask glass 1 ml	For 2 ml glass bottle	For 3 ml glass bottle	For 4 ml glass bottle	For 4 ml glass bottle	For 5 ml glass bottle
Tubes dimensions ø x H (mm)	12 x 25	12 x 36	12 x 50	14 x 48	12 x 64	14.5 x 40
PS or PP box dimensions for 50 tubes L x W x H (mm)	140 x 70 x 40	140 x 70 x 40	-	-	-	-
PP box dimensions for 96 tubes L x W x H (mm)	172.5 x 116.5 x 40.5	172.5 x 116.5 x 40.5	172.5 x 116.5 x 56	172.5 x 116.5 x 72	172.5 x 116.5 x 72	-
PP box dimensions for 24 tubes L x W x H (mm)	-	-	-	145 x 55 x 50	-	145 x 55 x 50

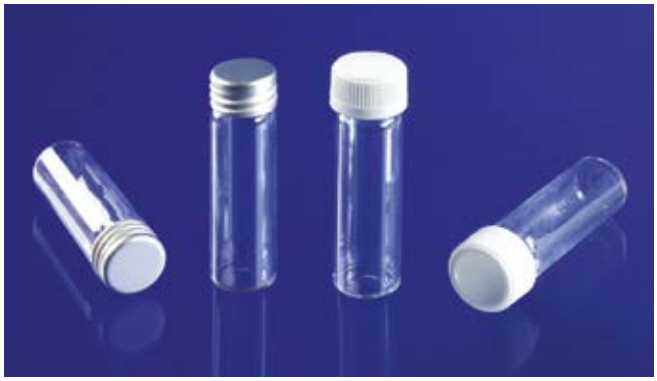
		Transparent bottle, 1 ml		Amber bottle, 1 ml		Transparent bottle, 2 ml		Amber bottle, 2 ml		Transparent bottle, 3 ml		Transparent bottle, 4 ml	
	Units/ bag/	Cat. No.	€ bag	Cat. No.	€/ bag	Cat. No.	€/ bag	Cat. No.	€/ bag	Cat. No.	€/ bag	Cat. No.	€/ bag
Bottles without box													
With aluminium cap	1000	042600	N/A -	042686	N/A -	042615	N/A -	042699	N/A -	042630	N/A -	042645	N/A -
With white cap	1000	042601	N/A -	042687	N/A -	042616	N/A -	042700	N/A -	042631	N/A -	042646	N/A -
With black cap	1000	042602	N/A -	042688	N/A -	042617	N/A -	042701	N/A -	042632	N/A -	042647	N/A -
With yellow cap	1000	042603	N/A -	042689	N/A -	042618	N/A -	042702	N/A -	042633	N/A -	042648	N/A -
With green cap	1000	042604	N/A -	042690	N/A -	042619	N/A -	042703	N/A -	042634	N/A -	042649	N/A -
With red cap	1000	042605	N/A -	042691	N/A -	042620	N/A -	042704	N/A -	042635	N/A -	042650	N/A -
With blue cap	1000	042606	N/A -	042692	N/A -	042621	N/A -	042705	N/A -	042636	N/A -	042651	N/A -
With white septum cap	1000	-	-	-	-	-	-	042706	N/A -	042638	N/A -	042653	N/A -
With black septum cap	1000	042609	N/A -	042694	N/A -	-	-	042707	N/A -	042639	N/A -	-	-
With yellow septum cap	1000	-	-	-	-	-	-	042708	N/A -	042640	N/A -	042655	N/A -
With green septum cap	1000	042611	N/A -	042696	N/A -	042626	N/A -	-	-	042641	N/A -	042656	N/A -
With red septum cap	1000	-	-	-	-	-	-	042710	N/A -	042642	N/A -	042657	N/A -
With blue septum cap	1000	042613	N/A -	042698	N/A -	042628	N/A -	042711	N/A -	042643	N/A -	-	-
Boxes													
Polystyrene box for 50 vials	1	042663	N/A -	042663	N/A -	042663	N/A -	042663	N/A -	-	-	-	-
Polypropylene box for 96 vials	1	042662	N/A -	042662	N/A -	042662	N/A -	042662	N/A -	042665	N/A -	042666	N/A -
Freeze-drying cap													
Freeze-drying cap	100	042667B	N/A -	042667B	N/A -	042667B	N/A -	042667B	N/A -	042667B	N/A -	042667B	N/A -

4 ml bottle, diameter 14 mm



Cat.No.	Description	Units/ box	€/ box
042668	4 ml bottle without box with aluminium cap	1000	N/A -
042671	PP box for 24 x 4 ml tubes (ø 14 mm)	1	N/A -

5 ml bottle



Cat.No.	Description	Units/ box	€/ box
042669	5 ml bottle without box with aluminium cap	1000	N/A -
042670	5 ml bottle without box with white cap	1000	N/A -
042672	Polypropylene box for 24 x 5 ml tubes	1	N/A -

Black phenolic screw caps with PTFE-faced rubber seal

Black phenolic screw caps with PTFE- faced rubber seal. Autoclavable



Cat. No.	Safety	Units/ box	€/ box
048431	8-425	200	N/A -
048432	13-425	200	N/A -
048938	15-415	200	N/A -
048433	15-425	200	N/A -
048435	18-400	200	N/A -
048434	18-415	200	N/A -
048436	20-400	100	N/A -
048437	24-400	100	N/A -
048936	28-400	100	N/A -
048937	33-400	100	N/A -
048931	33-430	100	N/A -
048939	38-430	100	N/A -

Black phenolic screw caps with white rubber seal 14B

- Ideal for cell culture
- Non-toxic



Cat. No.	Safety	Units/ box	€/ box
048438	8-425	1000	N/A -
048439	13-425	200	N/A -
048440	15-425	200	N/A -
048441	18-400	500	N/A -
048442	20-400	500	N/A -
048443	24-400	500	N/A -

Black phenolic screw caps

- With Poly-Seal
- Made of polyethylene
- The cone shape of this seal ensures a better seal of the bottles



Cat. No.	Safety	Units/ box	€/ box
048522	13-425	72	N/A -
048523	15-425	72	N/A -
048524	18-400	72	N/A -
048525	20-400	72	N/A -
048526	22-400	72	N/A -
048527	24-400	72	N/A -

Rubber caps

- For closing serum bottles without aluminium caps
- Made of red natural rubber
- Can be used for needle sampling



Cat. No.	Mouth* (mm)	Composition	Units/ bag	€/ bag
048475	7 x 13	Red natural rubber	100	N/A -
048476	13 x 20	Red natural rubber	100	N/A -

* For inner ø x outer ø mouth.

All prices are indicative and exclude VAT. Visit www.dulis.nl

CAPS FOR SAMPLE BOTTLES

Straight caps for freeze-drying vials



Cat. No.	Mouth* (mm)	Composition	Units/ bag	€/ bag
048477	7 x 13	Chlorobutyl isoprene blend PT-faced/40	100	N/A -
048479	13 x 20	Chlorobutyl/45	100	N/A -
048480	13 x 20	Chlorobutyl isoprene blend PT-faced/40	100	N/A -

* For inner ø x outer ø mouth.

Snap-on caps



- **For freeze-drying bottles**
- **Not recommended for bottles with straight internal necks**
- **The cap fits into the inner groove of the bottle neck ensuring a good seal**

Cat. No.	Mouth* (mm)	Composition	Units/ bag	€/ bag
048481	7 x 13	Red natural rubber	100	N/A -
048482	7 x 13	Chlorobutyl/45	100	N/A -
048483	13 x 20	Chlorobutyl/45	100	N/A -

* For inner ø x outer ø mouth.

Freeze-drying caps



Split cap for vacuum or inert gas storage. The stopper should be partially inserted into the bottle during freeze-drying, and fully inserted at the end of the process.

Cat. No.	Mouth* (mm)	Composition	Units/ bag	€/ bag
048485	7 x 13	Chlorobutyl/50, 2-Leg	100	N/A -
048921	13 x 20	Chlorobutyl/50, 2-Leg	1000	N/A -
048487	13 x 20	Chlorobutyl/50, 3-Leg	100	N/A -
048660	20**	Grey Chlorobutyl/55, 3-Leg	300	N/A -

* For inner ø x outer ø mouth. ** stopper size

Premium quality bromobutyl stoppers



- **High chemical quality and high purity**
- **Autoclavable**
- **Stoppers with straight legs and freeze-drying stoppers,2-leg, 3-leg and igloo style**
- **Complies with European, US and Japanese pharmacopoeia standards**
- **Straight plugs: hardness 47 Shore A, low extractability, stable after exposure to gamma rays**
- **Freeze-drying plugs: 46 Shore A hardness, low moisture absorption**

Cat. No.	Inn. x out. ø (mm)	Type	Material	Units/ Tray	Units/ box	€/ box
050310	7 x 13	Straight	Grey Bromobutyl/47	100	1000	N/A -
050312	7 x 13	Igloo	Grey Bromobutyl/46	100	1000	N/A -
050313	13 x 20	Straight	Grey Bromobutyl/47	100	1000	N/A -
050314	13 x 20	2-Leg	Grey Bromobutyl/46	100	1000	N/A -
050315	13 x 20	3-Leg	Grey Bromobutyl/46	100	1000	N/A -
050316	13 x 20	Igloo	Grey Bromobutyl/46	100	1000	N/A -

Aluminium seals

Centre-opening seals



		For outer ø mouth 11 mm		For outer ø mouth 13 mm		For outer ø mouth 20 mm	
Colours	**Units/ bag/**	**Cat. No.**	**€/ bag**	**Cat. No.**	**€/ bag**	**Cat. No.**	**€/ bag**
Natural	100	**048871**	**N/A -**	**048488**	**N/A -**	**048489**	**N/A -**
Blue	100	**048872**	**N/A -**	**048875**	**N/A -**	**048838**	**N/A -**
Red	100	**048873**	**N/A -**	**048876**	**N/A -**	**048839**	**N/A -**
Green	100	**048874**	**N/A -**	-	-	**048840**	**N/A -**

Seal with open top



		For outer ø mouth 13 mm		For outer ø mouth 20 mm		For outer ø mouth 30 mm	
Colours	**Units/ bag/**	**Cat. No.**	**€/ bag**	**Cat. No.**	**€/ bag**	**Cat. No.**	**€/ bag**
Natural	100	**048490**	**N/A -**	**048491**	**N/A -**	**048881**	**N/A -**
Blue	100	**048878**	**N/A -**	**048842**	**N/A -**	-	-
Red	100	**048879**	**N/A -**	**048843**	**N/A -**	-	-
Green	100	**048880**	**N/A -**	-	-	-	-

Seal with complete tear-off center disc



	For outer ø mouth 13 mm			For outer ø mouth 20 mm		
Colours	**Cat. No.**	**Units/ bag/**	**€/ bag**	**Cat. No.**	**Units/ bag/**	**€/ bag**
Natural	**048492**	100	**N/A -**	**048493**	100	**N/A -**
Blue	**048882**	100	**N/A -**	**048845**	1000	**N/A -**
Red	**048883**	100	**N/A -**	**048846**	1000	**N/A -**
Green	**048884**	100	**N/A -**	**048847**	1000	**N/A -**

Seals for Serum Vials



Neck diameter (mm)	13	20
Solid caps (A)		
Cat. No.	**045268**	**045269**
Units/box	1000	1000
€/box	**N/A -**	**N/A -**
Seals with center disc tear-out (B)		
Cat. No.	**045271**	**045272**
Units/box	1000	1000
€/box	**N/A -**	**N/A -**
Centre-opening seal (C)		
Cat. No.	-	**045273**
Units/box	-	1000
€/box	-	**N/A -**

Neck diameter (mm)	11	13	20
Centre-opening seals with PTFE-faced rubber septum			
Cat. No.	**045274**	-	**045276**
Units/box	1000	-	144
€/box	**N/A -**	-	**N/A -**
Septum only, PTFE-faced rubber (D)			
Cat. No.	-	-	**045277**
Units/box	-	-	100
€/box	-	-	**N/A -**
Grey Butyl stoppers for vials (E)			
Diameter (mm)	-	13	20
Cat. No.	-	**045279**	**045280**
Units/box	-	1000	1000
€/box	-	**N/A -**	**N/A -**

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Capping / uncapping pliers





For seals with a ø of (mm)	8	11	13	20
Capping clamps				
Application: Robust clamp for closing vials and bottles with aluminium seals.				
Cat. No.	**045281**	**045282**	**045283**	**045284**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Decapping clamps with jaws				
Application: Robust pliers for opening vials and bottles with aluminium seals.				
Cat. No.	**045285**	**045286**	**045287**	**045288**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Economy decapping clamps				
Use: economical clamps for removing aluminium seals from vials.				
Cat. No.	**045289**	**045290**	**045291**	**045292**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Automatic vial crimpers/decappers with rechargeable battery



- **To crimp or decapsulate aluminum and steel seals**
- **Up to 800 uses per load**
- **Full recharge in 2 hours**

	Crimper		Bottle opener	
Cap Ø (mm)	**Cat. No.**	**€**	**Cat. No.**	**€**
8	**054975B**	**N/A -**	-	-
11	**054976B**	**N/A -**	**054977B**	**N/A -**
13	**054978B**	**N/A -**	**054979B**	**N/A -**
20	**054980B**	**N/A -**	**054981B**	**N/A -**
20 (Flip Cap)	**054983B**	**N/A -**	-	-

Accessory

Cat. No.	Description	€
054960	Bracket for automatic crimper	**N/A -**

Mains powered automatic crimpers



- **Uses interchangeable jaw sets**
- **For crimping and/or decapping aluminium and steel caps**
- **Storage of up to 9 programmes, for different types and sizes of caps**

Cat. No.	Description	€
054984B	Mains crimper with 20 mm crimping jaws	**N/A -**
054941B	Mains powered crimper, without jaws	**N/A -**

Accessories

	Crimp jaws		Decapping jaws	
Cap Ø (mm)	**Cat. No.**	**€**	**Cat. No.**	**€**
8	**054987**	**N/A -**	-	-
11	**054988**	**N/A -**	**054989**	**N/A -**
13	**054942**	**N/A -**	**054990**	**N/A -**
13 (Flip Cap)	**054991**	**N/A -**	-	-
20	**054970**	**N/A -**	**054992**	**N/A -**
20 (Flip Cap)	**054993**	**N/A -**	-	-

Cat. No.	Description	€
054960	Bracket for automatic crimper	**N/A -**

Borosilicate glass - Straight edges

Pyrex® Glass Test Tubes with straight rim

Cat. No.	Volume (ml)	ø x H (mm)	Thickness (mm)	Units/ box	€/ box
761209	2	10 x 75	1	100	N/A -
761211	5	12 x 75	1	100	N/A -
761212	8	12 x 120	1	100	N/A -
761213	6	12 x 100	1	100	N/A -
761782	17	16 x 125	1.2	100	N/A -
761783	22	16 x 150	1.2	100	N/A -
761216	23	16 x 160	1.2	100	N/A -
761217	15	16 x 100	1.2	100	N/A -
761218	34	18 x 180	1.2	100	N/A -
761220	40	20 x 200	1.2	100	N/A -
761224	50	24 x 150	1.2	100	N/A -
761226	66	24 x 200	1.2	50	N/A -

- Made of Pyrex® borosilicate glass
- Straight edges
- Compliant with the standard NF B 35 017
- Autoclavable
- Reusable



Test Tubes, straight rim, marked "Boro 3.3"

- Borosilicate glass
- With straight edges



Cat. No.	Dimensions (mm)	Glass Thickness (mm)	Units/ box	€/ box
068924	12 x 120	1 to 1.2	100	N/A -
068926	18 x 180	1 to 1.2	100	N/A -

Kimble Gass Culture Tubes

Kimble Kimax-51 single-use borosilicate glass culture tubes.

- Excellent chemical resistance
- Complies with ASTM E438, type 1 class B
- Uniform round bottom



Cat. No.	Volume (ml)	ø x H (mm)	Units/ Tray	Units/ box	€/ box
057034	0.7	6 x 50	500	1000	N/A -
057035	4	10 x 75	250	1000	N/A -
057036	6	12 x 75	250	1000	N/A -
057037	10	13 x 100	250	1000	N/A -
057038	15	16 x 100	250	1000	N/A -
057039	20	16 x 125	250	1000	N/A -
057040	24	16 x 150	250	1000	N/A -
057041	30	18 x 150	125	500	N/A -
057042	35	20 x 150	250	500	N/A -
057137	40	25 x 150	125	500	N/A -

Bellco Anaerobic Culture Tubes

- Gas-tight tube for maintenance in anerobic conditions
- For tests of methane production by bacteria
- Blue rubber cap
- Made of borosilicate glass
- Tube dimensions: 18 x 150 mm



Cat.No.	Description	Units/ box	€/ box
508232	Sealing tube with blue rubber stopper	100	N/A -
508223	Blue rubber septum stopper, 20 mm	100	N/A -
508231	Tubes to be sealed with aluminium caps	100	N/A -
508233	Aluminium cap, 20 mm	1000	N/A -
045284	Capping clamp 20 mm	1	N/A -

Graduated Glass Test Tubes

- With spout without cap or with standardised female ground joint and polypropylene cap
- DURAN® Glass
- Inscriptions and graduations in high contrast white enamel
- Wall thickness of approx. 1.2 mm



Cat. No.	Features	Capacity (ml)	Division (ml)	Socket	ø x H (mm)	€ 10 units
092313	With PP cap with standardised ground joint	10	0.1	12/21	15 x 165	N/A -
092314	With PP cap with standardised ground joint	20	0.2	14/23	17 x 200	N/A -
092315	With PP cap with standardised ground joint	25	0.2	14/23	17 x 220	N/A -
092316	With PP cap with standardised ground joint	30	0.5	14/23	19 x 220	N/A -

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Borosilicate glass - Screw edges

Pyrex® Corning® Single-use Glass Tubes



Borosilicate glass tube with high neutrality. Ideal for cell culture and microbiology.

- Screw-in or stand-up neck
- Wall: 0.8 mm

Tubes

Cat. No.	ø x H (mm)	Pack unit.	Units/ box	€/ box
Round-bottom tubes, straight neck				
001011	10 x 75	125	1000	N/A -
001012	12 x 75	125	1000	N/A -
001013	13 x 100	125	1000	N/A -
001014	15 x 85	125	1000	N/A -
001015	16 x 100	125	1000	N/A -
001016	16 x 125	125	1000	N/A -
001017	16 x 150	125	1000	N/A -
001018	18 x 150	125	500	N/A -
001019	20 x 150	250	500	N/A -
Round-bottom tubes, screw neck				
001020	13 x 100	250	1000	N/A -
001021	16 x 100	250	1000	N/A -
001022	16 x 125	250	1000	N/A -
001023	16 x 150	250	1000	N/A -
001024	20 x 125	250	500	N/A -
001025	20 x 150	250	500	N/A -
Flat-bottomed tubes, screw neck				
001026	16 x 125	250	1000	N/A -
001027	19.5 x 145	250	500	N/A -

Autoclavable screw caps with rubber seal

Cat.No.	Description	Units/ box	€/ box
001028	For 13 mm ø	1000	N/A -
001029	For 16 mm ø	1000	N/A -
001030	For 20 mm ø	1000	N/A -

Autoclavable screw caps with PTFE seal

Cat.No.	Description	Units/ box	€/ box
001031	For 13 mm ø	288	N/A -
001032	For 16 mm ø	288	N/A -
001033	For 20 mm ø	192	N/A -

Pyrex® Glass Test Tubes, PBT capped



- Made of Pyrex® glass, for culture work
- Supplied with phenolic screw cap with PTFE/ethylene propylene composite seal
- Tubes sterilisable at 121 °C for 2 hours, PBT screw caps autoclavable and dry steam sterilisable up to 180 °C

Cat. No.	Volume (ml)	ø x H (mm)	SVL fitting	Units/ box	€/ box
090477	8	14 x 100	13	40	N/A -
090478	10	16 x 100	15	40	N/A -
090479	15	16 x 125	15	40	N/A -
090480	20	16 x 160	15	40	N/A -
090481	15	18 x 100	15	40	N/A -
090482	25	18 x 180	18	40	N/A -
090483	20	20 x 100	20	40	N/A -
090484	40	20 x 200	20	40	N/A -
090485	50	22 x 200	22	40	N/A -
090486	30	26 x 100	25	40	N/A -
090487	70	26 x 200	25	40	N/A -

Caps and Seals for tubes and bottles

Caps (supplied with seal)					Spare seals		
Cat. No.	SVL fitting	Outer ø x H (mm)	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
001485B	13	17 x 16	20	N/A -	001494B	20	N/A -
001486B	15	20 x 18	20	N/A -	001495B	20	N/A -
001487B	18	23 x 18	20	N/A -	001496B	20	N/A -
001488B	20	25 x 18	20	N/A -	001497B	20	N/A -
001489B	22	27 x 18	20	N/A -	001498B	20	N/A -
001490B	25	31 x 26	20	N/A -	001499B	20	N/A -
001491B	30	36 x 26	20	N/A -	001500C	20	N/A -
001492B	42	52 x 30	10	N/A -	001501B	10	N/A -

Borosilicate glass culture tubes

- Borosilicate glass
- Uniform wall for maximum heat transfer and chemical resistance
- Autoclavable, reusable
- Remarkable stability of the samples
- Supplied with screw caps (not assembled) with rubber seal



Cat. No.	Volume (ml)	ø x H (mm)	Units/ bag	€/ bag
045206	8	13 x 100	72	N/A -
045207	12	16 x 100	72	N/A -
045208	16	16 x 125	72	N/A -
045209	20	16 x 150	72	N/A -
045210	25	20 x 125	48	N/A -
045211	30	20 x 150	48	N/A -
045212	50	25 x 150	36	N/A -
045213	70	25 x 200	36	N/A -
045214	160	38 x 200	24	N/A -

Wheaton® Culture tubes (C-tubes)

DWK LIFE SCIENCES

- Culture tubes with screw cap
- Borosilicate glass, Type I Class B and USP Type I
- Autoclavable, reusable
- White styrene butadiene sealing cap
- For shaking cell cultures



Cat. No.	Capacity	ø x H (mm)	Safety	Units/ box	€/ box
048534	11	16 x 100	15-415	144	N/A -
048535	14	16 x 125	15-415	144	N/A -
048537	27	20 x 150	18-415	144	N/A -
with cap with PTFE-faced styrene-butadiene rubber seal					
048539	11	16 x 100	15-415	144	N/A -
048540	14	16 x 125	15-415	144	N/A -
048542	27	20 x 150	18-415	144	N/A -

Hungate anaerobic culture tubes

Gas-tight tubes for anaerobic culture.
Hungate's method calls for inoculation of the bacteria by syringe through the septum of the tube. ø x H of the tube: 16 x 125 mm
The Hungate tube includes:

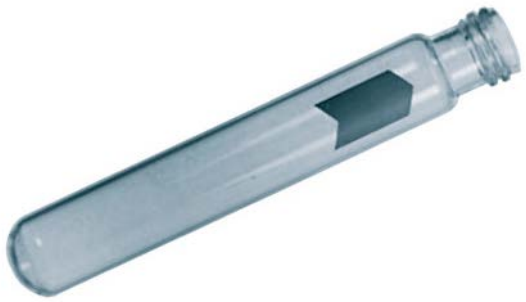
- the tube itself;
- a screw cap with a 9 mm opening;
- a septum for the Hungate tube.



Cat.No.	Description	Units/ box	€/ box
507026	Hungate tube with cap	250	N/A -
508086	Cap 15-415	144	N/A -
508114	Septum stopper, 9 mm	250	N/A -
204701	Septum for hungate tube	250	N/A -
508115	Hungate tube only	250	N/A -

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Borosilicate Glass Culture Tubes



- Screw neck
- In KIMAX-51
- Type 1 glass, class A or B
- Marking area
- Packed per tray in plastic film
- Supplied without cap, to be ordered separately (see below)

Cat. No.	ø x L (mm)	Volume (ml)	Screw	Units/ box	€/ box
065307B	13 x 100	8	13-415	1000	N/A -
045350B	16 x 100	12	15-415	1000	N/A -
065308B	16 x 125	16	15-415	1000	N/A -
065309B	16 x 150	20	15-415	1000	N/A -
045355B	20 x 125	25	18-415	500	N/A -
065310B	20 x 150	30	18-415	500	N/A -

Glass Culture Tubes, round bottom



- Single use
- Screw
- Packed per tray in plastic film
- Without marking area
- Supplied without cap, to be ordered separately (see below)

Cat. No.	ø x L (mm)	Volume (ml)	Screw	Units/ box	€/ box
065312B	13 x 100	8	13-415	1000	N/A -
065313B	16 x 100	15	15-415	1000	N/A -
065314B	16 x 125	16	15-415	1000	N/A -
065315B	16 x 150	20	15-415	1000	N/A -
065316B	20 x 125	25	18-415	500	N/A -
065317B	20 x 150	30	18-415	500	N/A -

White polypropylene caps



- Without seal
- Autoclavable
- For screw neck culture tubes (see above)

Cat.No.	Description	Units/ box	€/ box
065323	White PP cap 15-415	1000	N/A -

Phenolic caps



- Rubber seal
- Autoclavable
- For screw neck culture tubes (see above)

Cat.No.	Description	Units/ box	€/ box
065318	Phenolic cap 15-415	1000	N/A -
065319	Phenolic cap 18-415	1000	N/A -

Natural polypropylene caps



- Without seal
- Autoclavable

Cat.No.	Description	Units/ box	€/ box
065324	Natural PP cap 13-415	1000	N/A -
065325	Natural PP cap 15-415	1000	N/A -
065326	Natural PP cap 18-415	500	N/A -

Phenolic caps with rubber seal, PTFE coated





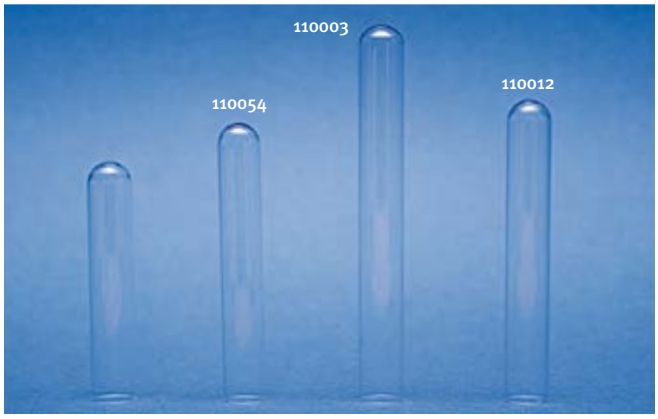
- Autoclavable
- For flat or round bottomed culture tubes

Cat.No.	Description	Units/ bag	Units/ box	€/ box
045238	Phenolic cap 8-425	-	144	N/A -
065320	Phenolic cap 13-415	125	500	N/A -
045239	Phenolic cap 13-425	-	144	N/A -
065321	Phenolic cap 15-415	125	500	N/A -
045240	Phenolic cap 15-425	-	144	N/A -
045241	Phenolic cap 18-400	-	144	N/A -
045242	Phenolic cap 20-400	-	144	N/A -
065322	Phenolic cap 22-400	-	144	N/A -
045243	Phenolic cap 24-400	-	144	N/A -

Soda-lime glass - Straight edges

Single-use soda-lime glass haemolysis tubes

Cat. No.	Ø x H (mm)	Thickness (mm)	Units/ box	€/ box
110004SM	11.6 x 75	0.5	550	N/A -
110004	11.75 x 75	0.5	576	N/A -
110001	12.25 x 75	0.5	500	N/A -
110003	12.25 x 100	0.5	527	N/A -
110011	12.25 x 75	0.8	500	N/A -
110012	12.25 x 80	0.8	527	N/A -



Winged plug

Cat.No.	Description	Units/ box	€/ box
080152	Winged plug 11 mm ø for 12 mm ø tubes	2500	N/A -



See soda-lime glass test tubes on www.dulis.nl

Durham tubes or bell jars



- Soda-lime glass
- For gas recovery in bacteriology

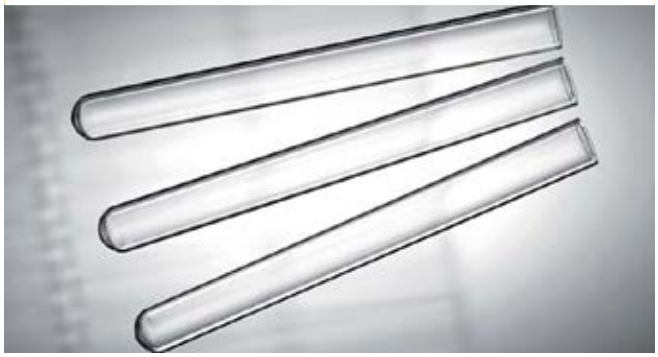
Cat. No.	Ø x H (mm)	Thickness (mm)	Units/ box	€/ box
068554B	7.25 x 50	0.4 - 0.6	1000	N/A -
110125	7.25 x 50	0.5	1000	N/A -

Single-use glass test tubes

- Soda-lime glass

Cat. No.	Ø x H (mm)	Thickness (mm)	Units/ box	Units/ box	€/ box
110120	16 x 160	0.5	500	500	N/A -
110040	16 x 160	0.8	500	500	N/A -
110032	18 x 180	0.5	250	250	N/A -
110041	18 x 180	0.8	200	200	N/A -
110033	20 x 200	0.5	250	250	N/A -
110119	15.30 x 150	0.8	500	500	N/A -
110031	15.30 x 160	0.5	500	500	N/A -

Soda-lime Glass Tubes with round bottom

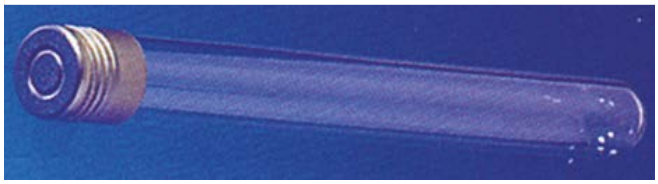


Cat. No.	Ø x H (mm)	Thickness (mm)	Neck	Units/ box	€/ box
065423	7 x 25	0.6 - 0.7	Straight	1000	N/A -
065424	6.5 x 35	0.6 - 0.7	Straight	1000	N/A -
065425	8 x 35	0.6 - 0.7	Straight	1000	N/A -
065426	8 x 40	0.6 - 0.7	Straight	200	N/A -
065427	9.5 x 40	0.6 - 0.7	Straight	500	N/A -
065428	10.5 x 40	0.8 - 0.9	Straight	500	N/A -
065429	6.5 x 50	0.6 - 0.7	Straight	1000	N/A -
065430	9.5 x 50	0.7 - 0.8	Straight	200	N/A -
065431	11 x 55	0.7 - 0.8	Straight	500	N/A -
065432	11 x 70	0.7 - 0.8	Straight	800	N/A -
065433	10 x 75	0.5 - 0.6	Straight	1000	N/A -
065434	11.5 x 75	0.7 - 0.8	Straight	1000	N/A -
065435	12 x 75	0.5 - 0.6	Straight	1000	N/A -
065436	12 x 100	0.5 - 0.6	Straight	1000	N/A -
065437	13 x 100	0.5 - 0.6	Straight	1000	N/A -
065438	16 x 100	0.6 - 0.7	Straight	1000	N/A -
065439	12 x 120	0.6 - 0.7	Straight	500	N/A -
065440	16 x 125	0.6 - 0.7	Straight	1000	N/A -
065441	18 x 150	0.8 - 0.9	Straight	500	N/A -
065442	16 x 160	0.6 - 0.7	Straight	1000	N/A -
065443	18 x 180	0.7 - 0.8	Straight	100	N/A -
065444	16 x 120	0.5 - 0.6	With rim	100	N/A -
065445	16 x 160	0.5 - 0.6	With rim	100	N/A -
065446	18 x 180	0.6 - 0.7	With rim	100	N/A -
065447	20 x 180	0.7 - 0.8	With rim	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Soda-lime glass - Screw edges

Screw Neck Culture Tubes



- Soda-lime glass 3rd hydrolytic class
- Round or flat bottom
- To be capped with the golden aluminium cap or with a plastic cap
- Autoclavable grey rubber seal

Aluminium caps for culture tubes with screw

(For tubes with Cat. No. **110101**, **110115** and **110102**)

Cat.No.	Description	Units/ box	€/ box
110102CA	Aluminium cap for tubes ø 16 and 17.75 mm	500	**N/A -**

Culture tubes with neck

Cat. No.	ø x thick. x H (mm)	Bottom	Units/ box	€/ box
110101	16.1 x 0.95 x 160	Rounded	299	**N/A -**
110115	17.75 x 1.05 x 145	Flat	252	**N/A -**
110102	17.75 x 1.05 x 180	Flat	252	**N/A -**

Accessory

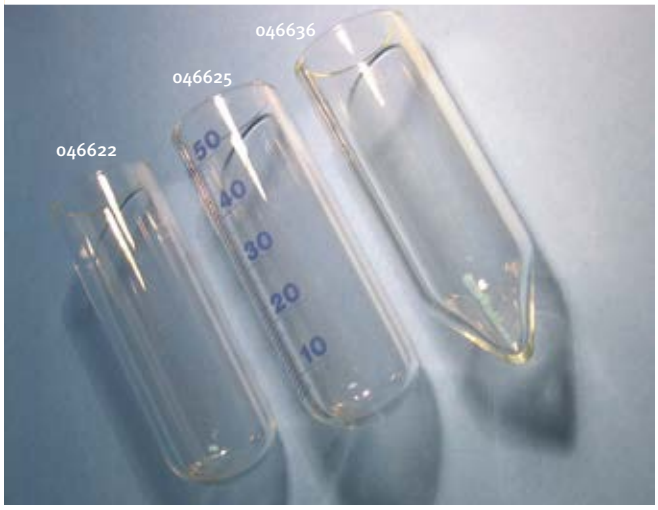
Test Tube Scraper



Cat. No.	Description	Units/ box	€/ box
091824	Scraper for test tubes	10	**N/A -**

Centrifuge Tubes - borosilicate glass

Glass centrifuge tubes with round or conical bottoms

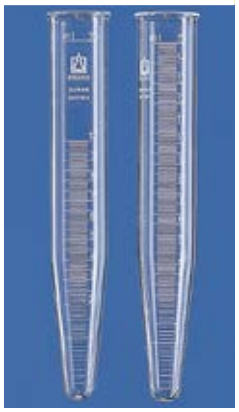


- Borosilicate glass
- Graduated or non graded
- For centrifugation up to 5500 g
- With smooth neck or with polypropylene screw cap with silicone-PTFE seal
- Round or conical bottom (conical bottoms require the use of a centrifuge adapter)

		Smooth neck tubes									Tubes with screw cap								
		Without graduation				With graduations					Without graduation				With graduations				
Ø x H (mm)	Bottom	Cat. No.	Total Vol. (ml).	Working vol. (ml)	€	Cat. No.	Total Vol. (ml).	Working vol. (ml)	Grad. (ml)	€	Cat. No.	Total Vol. (ml).	Working vol. (ml)	€	Cat. No.	Total Vol. (ml).	Working vol. (ml)	Grad. (ml)	€
12 x 98	Rounded	**046619**	6	5	**N/A -**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
16 x 98	Rounded	**046620**	15	10	**N/A -**	**046623**	12	10	10	**N/A -**	**046628**	10	8	**N/A -**	**046632**	11	9	9	**N/A -**
24 x 98	Rounded	**046621**	30	25	**N/A -**	**046624**	26	21	25	**N/A -**	**046629**	25	20	**N/A -**	**046633**	25	20	20	**N/A -**
34 x 98	Rounded	**046622**	60	50	**N/A -**	**046625**	62	50	50	**N/A -**	**046630**	50	45	**N/A -**	**046634**	55	50	38	**N/A -**
44 x 98	Rounded		-	-	-	**046626**	100	85	80	**N/A -**	**046631**	100	85	**N/A -**	**046635**	100	85	65	**N/A -**
16 x 98	Conical	**046636**	11	8	**N/A -**	**046641**	12	8	10	**N/A -**	**046645**	12	8	**N/A -**	**046649**	10	8	8.7	**N/A -**
24 x 98	Conical	**046637**	25	20	**N/A -**	**046642**	25	20	20	**N/A -**	**046646**	24	19	**N/A -**	**046650**	25	20	20	**N/A -**
34 x 98	Conical	**046638**	50	45	**N/A -**	**046643**	55	45	45	**N/A -**	**046647**	45	40	**N/A -**	**046651**	48	43	34	**N/A -**
44 x 98	Conical	**046639**	95	80	**N/A -**	**046644**	86	75	84	**N/A -**	**046648**	90	80	**N/A -**	**046652**	90	85	60	**N/A -**

Glass Centrifuge Tubes, graduated

- Cylindro-conical
- In AR-GLAS or DURAN® glass
- Capacity: approx. 15 ml
- Inscriptions and graduations in high contrast white enamel



Cat. No.	Grad. (ml)	Glass	ø x H (mm)	Subdivisions (ml)	Thickness (mm)	ACR max.	€ 10 units
092305	0 - 10	AR-GLAS	17 x 113	0.1	1	3500	N/A -

Centrifuge tubes, thick wall, screw cap

- Round bottom
- With screw cap with PTFE rubber seal
- Borosilicate glass
- Thick wall for resistance to higher speeds
- Autoclavable tubes and screw caps



Cat. No.	Volume (ml)	ø x H (mm)	Units/ box	€/ box
045608	35	29 x 100	12	N/A -
045609	50	29 x 123	12	N/A -

Replacement cap

Cat.No.	Description	Units/ box	€/ box
045610	Replacement caps	150	N/A -

High-Speed Glass Tubes, super-resistant

- Reusable
- Made of special borosilicate glass type I, class B
- Chemically reinforced for improved mechanical strength
- Can be centrifuged up to 13100 RCF in a 50 ml tube cavity with the adapter
- Can withstand temperatures up to 300 °C
- With straight neck without cap, or with screw cap with PTFE filmed rubber seal

Volume (ml)	15	30
ø x H (mm)	18 x 102	24 x 106
Tubes with straight neck		
Cat. No.	045600	045601
€/ 6 units	N/A -	N/A -
Screw-cap tubes		
Cat. No.	045602	045603
€/ 6 units	N/A -	N/A -
Rubber adapters for 50 ml rotor		
Cat. No.	045604	045605
€/ 2 units	N/A -	N/A -
Replacement caps for screw-in tubes		
Cat. No.	-	045243
€/ 144 units	-	N/A -



Tubes for Hybridization

Borosilicate glass tubes for Northern, Southern or Western blots hybridization. With watertight polypropylene screw caps with silicone O-Ring diameter 45 mm.

Cat. No.	ø x W (mm)	Units/ box	€/ box
045215	35 x 150	2	N/A -
045216	35 x 300	2	N/A -
001134	40 x 170	1	N/A -
001135	40 x 260	1	N/A -
001136	75 x 260	1	N/A -



Find more hybridization tubes on dulis.nl



All prices are indicative and exclude VAT. Visit www.dulis.nl

The classics - Low form

SLS Select borosilicate glass Beakers



- Made of high quality borosilicate glass
- With white scales and marking area
- Excellent chemical and thermal resistance

Cat. No.	Volume (ml)	Ø x h (mm)	Units/ box	€/ box
257055	25	34 x 50	12	N/A -
257056	50	42 x 60	12	N/A -
257057	100	50 x 70	12	N/A -
257058	150	60 x 80	12	N/A -
257059	250	70 x 95	12	N/A -
257060	400	80 x 110	12	N/A -
257061	600	90 x 125	6	N/A -
257062	1000	105 x 145	6	N/A -
257145	5000	170 x 270	2	N/A -
257146	10000	217 x 350	1	N/A -
257147	20000	285 x 430	1	N/A -

DURAN® Beakers Squat Form



- In borosilicate glass with graduations
- Autoclavable
- Resistant to thermal shock due to uniform wall thickness
- Squat form with spout
- Traceability code

Squat form beakers with spout

Cat. No.	Volume (ml)	Ø x H (mm)	Units/ box	€/ box
211060804	10	26 x 35	10	N/A -
211061406	25	34 x 50	10	N/A -
211061706	50	42 x 60	10	N/A -
211062402	100	50 x 70	10	N/A -
211062908	150	60 x 80	10	N/A -
211063604	250	70 x 95	10	N/A -
211064103	400	80 x 110	10	N/A -
211064806	600	90 x 125	10	N/A -
092085	800	100 x 135	10	N/A -
211065408	1000	105 x 145	10	N/A -
211066301	2000	132 x 185	10	N/A -
211066807	3000	152 x 210	4	N/A -



See Phillips beakers on dulis.nl

Pyrex® Beakers in Borosilicate Glass, Squat Form



These beakers have a squat form to ensure excellent stability.
They are equipped with a pouring spout to facilitate decanting.

Cat. No.	Volume (ml)	Out. ø (mm)	Height (mm)	Units/ box	€/ box
001875	5	22	30	10	N/A -
090030	10	26	35	1	N/A -
090031	25	34	50	1	N/A -
090032	50	42	60	1	N/A -
090033	100	50	70	1	N/A -
090130	150	60	80	1	N/A -
090034	250	70	95	1	N/A -
090035	400	80	110	1	N/A -
090036	600	90	125	1	N/A -
090037	800	100	135	1	N/A -
090038	1000	105	145	1	N/A -
090039	2000	130	185	1	N/A -
090140	3000	150	210	1	N/A -
001539	5000	170	270	1	N/A -

The classics - Low form

Borosilicate Glass Beakers

Beakers made of high quality borosilicate glass 3.3.

- Graduations and spout
- Standard ISO 3810, DIN 1237

	Low form			
Vol. (ml)	Cat. No.	Ø x H (mm)	Units/ box	€/ box
5	068932B	22 x 30	10	N/A -
10	068933B	26 x 35	10	N/A -
25	068934B	34 x 50	10	N/A -
50	068935B	42 x 60	10	N/A -
100	068936B	50 x 70	10	N/A -
150	068937C	60 x 80	10	N/A -
250	068938B	70 x 95	10	N/A -
400	068939B	80 x 110	10	N/A -
600	068940C	90 x 125	10	N/A -
800	068941B	100 x 135	10	N/A -
1000	068942B	105 x 145	10	N/A -
2000	068943C	130 x 185	10	N/A -
3000	068944B	150 x 210	1	N/A -
5000	068945C	170 x 270	1	N/A -



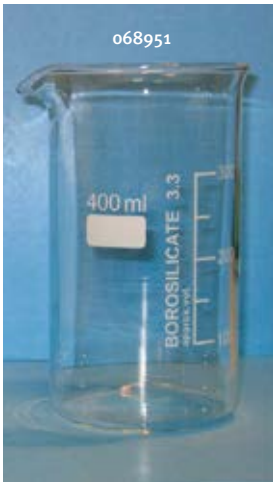
The classics - High form

Borosilicate Glass Beakers

Beakers made of high quality borosilicate glass 3.3.

- Graduations and spout
- Standard ISO 3810, DIN 1237

	High form			
Vol. (ml)	Cat. No.	Ø x H (mm)	Units/ box	€/ box
25	068946B	30 x 55	10	N/A -
50	068947B	38 x 70	10	N/A -
100	068948B	48 x 80	10	N/A -
150	068949B	54 x 95	10	N/A -
250	068950B	60 x 120	10	N/A -
400	068951B	70 x 130	10	N/A -
600	068952B	80 x 150	10	N/A -
800	068953B	90 x 175	10	N/A -
1000	068954B	95 x 180	10	N/A -
2000	068955C	120 x 240	10	N/A -
3000	068956B	135 x 280	1	N/A -



DURAN® Tall form beakers

DWK LIFE SCIENCES

- In borosilicate glass with graduations
- Autoclavable
- Resistant to thermal shock due to uniform wall thickness
- High form with or without spout
- Traceability code



High form beakers without spout

Cat. No.	Volume (ml)	Ø x H (mm)	Units/ box	€/ box
092108	150	54 x 95	10	N/A -
092087	600	80 x 150	10	N/A -
092088	1000	95 x 180	10	N/A -

High form beakers with spout

Cat. No.	Volume (ml)	Ø x H (mm)	Units/ box	€/ box
211161704	50	38 x 70	10	N/A -
211162409	100	48 x 80	10	N/A -
092086	150	54 x 95	10	N/A -
211163602	250	60 x 120	10	N/A -
673435	400	70 x 130	10	N/A -
673436	1000	95 x 180	10	N/A -

Pyrex® Beakers in Borosilicate Glass, High Form

DWK LIFE SCIENCES

With traceability code.

Cat. No.	Volume (ml)	Ø x H (mm)	Units/ box	€/ box
001110	50	38 x 70	10	N/A -
001111	100	48 x 80	10	N/A -
001112	150	54 x 95	10	N/A -
001113	250	60 x 120	10	N/A -
001114	400	70 x 130	10	N/A -
001115	600	80 x 150	10	N/A -
001116	1000	95 x 180	10	N/A -
001117	2000	120 x 240	10	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

The variants - Low form

DURAN® Thick-walled beakers made of borosilicate glass



- Highly impact resistant
- Graduated

Cat.No.	Volume	Dim. Ø x H (mm)	Units/ box	€/ box
092109	100 ml	52 x 85	10	N/A -
091201	150 ml	54 x 93	10	N/A -
092190	250 ml	70 x 94	10	N/A -
091200	500 ml	89 x 124	10	N/A -
092089	1 l	105 x 160	10	N/A -
092191	2 l	135 x 195	10	N/A -
092090	3 l	157 x 205	4	N/A -
092192	5 l	182 x 256	1	N/A -
092193*	10 l	225 x 340	1	N/A -
092194*	15 l	260 x 390	1	N/A -
092195*	20 l	285 x 430	1	N/A -

* Non graduated

DURAN® Super Duty Beakers



- Made of DURAN® type 1 borosilicate glass
- Thick-walled
- Reinforced rim and spout
- White graduations and marking area
- Traceability code printed on the beaker for printing batch certificates

Low form beakers

Cat.No.	Volume (ml)	Ø x H (mm)	Units/ box	€/ box
091963	150	60 x 80	10	N/A -
091964	250	70 x 95	10	N/A -
091965	400	80 x 110	10	N/A -
091966	600	90 x 125	10	N/A -
091967	1000	105 x 145	10	N/A -
091968	2000	132 x 185	10	N/A -
091969	5000	170 x 270	1	N/A -

Pyrex® Graduated Beakers, Low Form, intensive use



- Even wall thickness and reinforced flared edges increase impact resistance
- The flat base allows for optimal magnetic agitation
- Double graduation and a large marking surface make it easy to read volumes and identify products
- Traceability code

Cat.No.	Volume (ml)	Out. ø (mm)	Height (mm)	Units/ box	€/ box
211643	150	57	89	12	N/A -
211647	250	68	90	12	N/A -
211652	400	77	110	12	N/A -
211654	600	90	124	6	N/A -
211660	1000	109	156	6	N/A -
211665	2000	131	177	4	N/A -
002040	3000	170	230	1	N/A -
211672	4000	160	250	1	N/A -
002041	5000	180	300	1	N/A -

Variants - High form

DURAN® Super Duty Beakers



- Made of DURAN® type 1 borosilicate glass
- Thick-walled
- Reinforced rim and spout
- White graduations and marking area
- Traceability code printed on the beaker for printing batch certificates

High form beakers

Cat.No.	Volume (ml)	Ø x H (mm)	Units/ box	€/ box
084471	150	54 x 95	10	N/A -
084472	250	60 x 120	10	N/A -
084473	600	80 x 150	10	N/A -

Heavy-duty Borosilicate Glass Beakers



- Borosilicate glass
- Thick-walled
- Reinforced rim and spout
- White graduations and marking area
- Traceability code printed on the beaker for printing batch certificates

Cat. No.	Capacity (ml)	Outer Ø (mm)	Height (mm)	Units/ box	€/ box
761784	150	54	95	10	N/A -
761785	250	60	120	10	N/A -
761786	600	80	150	10	N/A -



Enter the reference on dulis.nl to find the the procedure for processing laboratory glassware.

Without cap

Class A - High Form

Measuring Cylinders class A, blue graduation

- Borosilicate glass
- Hexagonal base
- Complies with the DIN EN ISO 4788 standard
- With identification marking



Vol. (ml)	Units/ box	Cat. No.	€/ box
5	2	360011	N/A -
10	2	360012	N/A -
25	2	360013	N/A -
50	2	360014	N/A -
100	2	360015	N/A -
250	2	360016	N/A -
500	1	360017	N/A -
1000	1	360018	N/A -
2000	1	360019	N/A -

Pyrex® UKAS Glass Measuring Cylinders, class A

- Made of Pyrex® borosilicate glass for optimum chemical resistance
- Complies with ISO 4788 standards
- Calibrated to USP tolerances
- Individual laser-engraved serial number on each test tube
- White enamel graduations
- Delivered with UKAS certificate

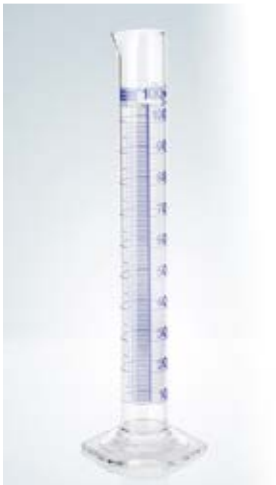
DWK LIFE SCIENCES



Cat. No.	Capacity (ml)	Gradations (ml)	Tolerance +/- (ml)	Approx. H (mm)	€
233163	5	0.1	0.05	115	N/A -
233164	10	0.2	0.1	140	N/A -
233165	25	0.5	0.25	170	N/A -
233166	50	1	0.5	200	N/A -
233167	100	1	0.5	260	N/A -
233168	250	2	1	335	N/A -
233169	500	5	2.5	365	N/A -
233170	1000	10	5	465	N/A -
233171	2000	20	10	505	N/A -

Hirschmann Measuring Cylinders class A

- Complies with the DIN EN ISO 4788 standard
- Certificate of conformity with dated batch number
- Blue graduations, Circular main sub-divisions
- Tinted glass strip



					Blue graduation + Schellbach strip		Blue graduation only		With plastic base, blue graduation	
Volume (ml)	Subdivision (ml)	Tolerance (+/- ml)	Height (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
5	0.1	0.1	115	2	501133	N/A -	501151	N/A -	-	-
10	0.2	0.1	140	2	501134	N/A -	090547	N/A -	501155	N/A -
25	0.5	0.3	170	2	501135	N/A -	090548	N/A -	501156	N/A -
50	1.0	0.5	200	2	501136	N/A -	090549	N/A -	501157	N/A -
100	1	0.5	260	2	501137	N/A -	501152	N/A -	501158	N/A -
250	2	1	335	2	501138	N/A -	090542	N/A -	501159	N/A -
500	5	2.5	390	2	501139	N/A -	501153	N/A -	501160	N/A -
1000	10	5	470	1	501140	N/A -	090550	N/A -	501161	N/A -
2000	20	10	570	1	501141	N/A -	501154	N/A -	-	-

Class B - Low Form

Super Duty Measuring Cylinders

DWK LIFE SCIENCES

- Low form
- Class B
- Graduated
- Better resistance thanks to the reinforced rim
- Long service life



Cat. No.	Capacity (ml)	Ø (mm)	Height (mm)	Units/ box	€/ box
096027	100	39	168	2	N/A -
096028	250	54	205	2	N/A -
096029	500	66	253	2	N/A -
096030	1000	85	290	2	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Hirschmann low form measuring cylinders



- DURAN® glass, class B
- DIN ISO 4788
- Brown graduations
- Line subdivisions

Cat.No.	Capacity (ml)	Units/ box	€/ box
501082	10	2	N/A -
501083	25	2	N/A -
501084	50	2	N/A -
501085	100	2	N/A -
501086	250	2	N/A -
501087	500	2	N/A -
501088	100	1	N/A -
501089	2000	1	N/A -

Pyrex® heavy-duty measuring cylinders with spout



- Made of Pyrex®, borosilicate glass, class B
- Heavy and perfectly flat hexagonal base: excellent stability
- Non-drip spout
- Indelible blue enamelled graduations

DWK LIFE SCIENCES

Volume (ml)	Units/ box	Height (mm)	Cat. No.	€/ box
10	2	75	703720	N/A -
25	2	107	703728	N/A -
50	2	140	703733	N/A -
100	2	147	703740	N/A -
250	2	212	703747	N/A -
500	2	236	703754	N/A -
1000	2	293	703760	N/A -



Borosilicate glass Measuring Cylinders

- Class A
- Blue graduation
- With batch certification

Volume (ml)	10	25	50	100	250	500	1000	2000
Cat. No.	068907	068908	068909	068910	068911	068912	068913	068914
Units/box	1	1	1	1	1	1	1	1
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Class B - High Form



Class B SLS Select test tubes

- Made of high quality borosilicate glass
- Class B
- With white scales
- Excellent chemical and thermal resistance
- Robust hexagonal base

Cat. No.	Volume (ml)	Height (mm)	Units/ box	€/ box
257073	10	135	2	N/A -
257074	25	160	2	N/A -
257075	50	195	2	N/A -
257076	100	250	2	N/A -
257077	250	300	2	N/A -
257078	500	350	2	N/A -
257079	1000	430	1	N/A -

Graduated borosilicate glass measuring cylinders, class B



- Borosilicate glass
- Complies with ISO 4788
- Blue enamel graduations
- Robust hexagonal base

DWK LIFE SCIENCES

Cat. No.	Volume (ml)	Units/ box	€/ box
090488	10	2	N/A -
090489	25	2	N/A -
090182	50	2	N/A -
090183	100	2	N/A -
090184	250	2	N/A -
090185	500	2	N/A -
090186	1000	1	N/A -
090187	2000	1	N/A -

Hirschmann Measuring Cylinders class B with blue graduations



- Complies with the DIN EN ISO 4788 standard
- Subdivision marks
- Blue graduations
- Borosilicate glass

Cat. No.	Vol. (ml)	Subdi. (ml)	Tolerance (+/- ml)	H. (mm)	Units/ box	€/ box
501142	5	0.1	0.075	115	2	N/A -
501143	10	0.2	0.15	140	2	N/A -
501144	25	0.5	0.375	170	2	N/A -
501145	50	1	0.75	200	2	N/A -
501146	100	1	0.75	260	2	N/A -
501147	250	2	1.5	335	2	N/A -
501148	500	5	3.75	390	2	N/A -
501149	1000	10	7.5	470	1	N/A -
501150	2000	20	15	570	1	N/A -

Measuring cylinders class B with white graduations

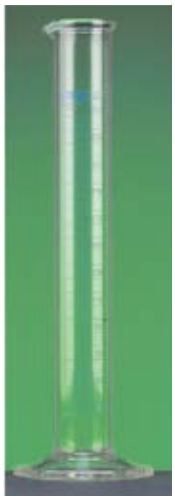
- Complies with the DIN EN ISO 4788 standard
- Hexagonal base
- Borosilicate glass



Cat. No.	Volume (ml)	Ø (mm)	Height (mm)	€/ box
140708	5	12.9	115	N/A -
140709	10	15.5	135	N/A -
140711	15	12	170	N/A -
140712	25	21.3	160	N/A -
140713	30	20	210	N/A -
140714	50	26	195	N/A -
140716	60	25	210	N/A -
140717	100	31.3	240	N/A -
140718	125	30	265	N/A -
140719	250	41	320	N/A -
140721	500	53.2	380	N/A -
140722	1000	67	465	N/A -
140723	2000	83.5	565	N/A -

Pyrex® heavy-duty measuring cylinders with spout

- Pyrex® Borosilicate glass class B
- Heavy and perfectly flat hexagonal base: excellent stability
- Non-drip spout
- Indelible blue enamelled graduations



Volume (ml)	Units/ box	Height (mm)	Cat. No.	€/ box
10	2	-	-	-
25	2	-	-	-
50	2	200	703933	N/A -
100	2	260	703940	N/A -
250	2	335	703947	N/A -
500	2	390	703954	N/A -
1000	2	470	703960	N/A -
2000	1	570	703965	N/A -

With cap

Class A - High Form

Measuring cylinders class A, blue graduation

- Borosilicate glass
- Hexagonal base
- Complies with the DIN EN ISO 4788 standard
- With identification marking



Vol. (ml)	Units/ box	Cat. No.	Grad. (ml)	Divisions (ml)	H. (mm)	€/ box
5	2	-	-	-	-	-
10	2	501114	0.2	0.1	160	N/A -
25	2	501115	0.5	0.25	193	N/A -
50	2	501116	1	0.5	226	N/A -
100	2	501117	1	0.5	290	N/A -
250	2	501118	2	1	367	N/A -
500	2	501119	5	2.5	425	N/A -
1000	1	501120	10	5	510	N/A -
2000	1	501121	20	10	610	N/A -

Measuring cylinders with DIN standard neck

- Borosilicate glass with DIN standard neck
- Complies with ISO 4788
- White enamel graduations for class A specimens, blue for class B specimens
- Supplied with polyethylene DIN cap
- Class A certified version individually tested at 5 points and calibrated to Class A tolerances
- Robust hexagonal base



			Class A		Class A certified	
Vol. (ml)	Socket DIN	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
10	10/19	2	251583	N/A -	251591	N/A -
25	14/23	2	251584	N/A -	251592	N/A -
50	19/26	2	251585	N/A -	251593	N/A -
100	24/29	2	251586	N/A -	251594	N/A -
250	29/32	2	251587	N/A -	251595	N/A -
500	34/35	2	251588	N/A -	251596	N/A -
1000	45/40	2	251589	N/A -	251597	N/A -
2000	45/40	1	251590	N/A -	251598	N/A -

Class B - High Form

Measuring cylinders with DIN standard neck

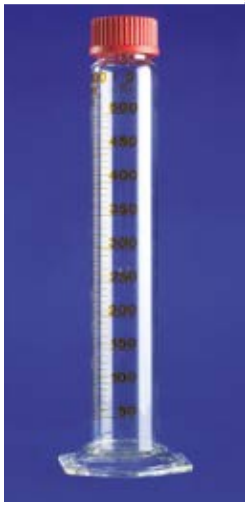
- Borosilicate glass with DIN standard neck
- Complies with ISO 4788
- White enamel graduations for class A specimens, blue for class B specimens
- Supplied with polyethylene DIN cap
- Class A certified version individually tested at 5 points and calibrated to Class A tolerances
- Robust hexagonal base



			Class B	
Vol. (ml)	Socket DIN	Units/ box	Cat. No.	€/ box
10	10/19	2	-	-
25	14/23	2	-	-
50	19/26	2	090192	N/A -
100	24/29	2	090193	N/A -
250	29/32	2	090194	N/A -
500	34/35	2	090195	N/A -
1000	45/40	2	090196	N/A -
2000	45/40	1	090197	N/A -

Borosilicate glass measuring cylinders with screw cap

- Hexagonal base
- Class DIN B
- Borosilicate glass
- Screw cap GL



Cat. No.	Screw neck GL	Volume (ml)	€
046475	14	10	N/A -
046477	25	50	N/A -
046478	32	100	N/A -
046479	45	250	N/A -
046480	45	500	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

The classics

Uncapped - Wide neck

DURAN® Borosilicate Glass Erlenmeyer flask with graduations, wide neck



Cat.No.	Volume (ml)	Base ø (mm)	Neck ø (mm)	Height (mm)	Units/ box	€/ box
090957	25	43	31	70	10	N/A -
090958	50	51	34	85	10	N/A -
090959	100	64	34	105	10	N/A -
090960	200	79	50	131	10	N/A -
090961	250	85	50	140	10	N/A -
090962	300	87	50	156	10	N/A -
090963	500	105	50	175	10	N/A -
090964	1000	131	50	220	10	N/A -
090965	2000	153	72	276	10	N/A -
090966*	3000	190	106	285	1	N/A -
090967*	5000	220	108	322	1	N/A -
090968*	10000	285	147	420	1	N/A -

* Conical bottle without graduation (see photo on the right)
Certificate and batch tracking: using the special 8-digit code on the bottle, a certificate can be obtained directly from the Internet.

Pyrex® Borosilicate Glass Erlenmeyer



Uncapped Erlenmeyer flasks with wide neck - With traceability code

Cat. No.	Volume (ml)	Ø x H (mm)	Inn. Neck ø (mm)	Neck Outer ø (mm)	Units/ box	€/ box
090682	50	48 x 84	30	34	1	N/A -
090683	100	64 x 105	30	34	1	N/A -
090684	250	85 x 140	46	50	1	N/A -
090685	500	105 x 175	46	50	1	N/A -
090686	1000	131 x 220	46	50	1	N/A -
211925*	2000	153 x 275	66	-	10	N/A -

Glass Erlenmeyer with wide neck



- Borosilicate glass 3.3
- ISO 1773
- With graduation

Vol. (ml)	Units/ box	Cat. No.	Neck ø (mm)	Outer ø (mm)	Height (mm)	€/ box
25	10	511405*	31	41	69	N/A -
50	10	068969B	35	51	85	N/A -
100	10	068970B	35	64	105	N/A -
200	10	511406*	50	79	131	N/A -
250	10	068971B	50	85	140	N/A -
300	10	511407*	50	87	156	N/A -
500	10	068972B	50	105	175	N/A -
1000	10	068973B	50	131	220	N/A -
2000	10	958559B	69	166	280	N/A -

* Not included in ISO

Uncapped - Narrow neck

Erlenmeyer flask with narrow neck SLS Select



- Made of high quality borosilicate glass
- With white scales and marking area
- Excellent chemical and thermal resistance

Cat. No.	Volume (ml)	Ø x h (mm)	Internal Ø Neck(mm)	Units/ box	€/box
257068	50	80 x 54	24	12	N/A -
257069	100	105 x 64	29	12	N/A -
257070	250	145 x 85	31	6	N/A -
257071	500	184 x 103	36	6	N/A -
257072	1000	131 x 214	42	6	N/A -

Pyrex® Heavy-duty Erlenmeyer



- High shock resistance thanks to consistent thickness of walls and bottom; neck is also reinforced with a thick rim
- White enamel indelible graduations
- Perfectly flat base for optimised stirring

Cat. No.	Vol. (ml)	Body outer ø (mm)	Neck outer ø (mm)	Inn. Neck ø (mm)	Height (mm)	Units/ box	€/ box
Graduated Erlenmeyer flasks, narrow neck, heavy duty							
231920	10	31	17	12	50	12	N/A -
231928	25	41	21	14	65	12	N/A -
231933	50	51	22	15	78	12	N/A -
231942	125	67	28	24	114	12	N/A -
231947	250	82	32	28	132	12	N/A -
231954	500	101	37	32	176	6	N/A -
231960	1000	129	47	40	216	6	N/A -
231965	2000	160	50	43	268	1	N/A -
231972	4000	206	57	43	356	1	N/A -
231975	6000	235	67	43	410	1	N/A -
Graduated Erlenmeyer flasks, wide neck, heavy duty							
232442	125	66	32	28	108	12	N/A -
232447	250	81	39	36	134	12	N/A -
232454	500	97	47	42	170	6	N/A -
232460	1000	122	52	49	219	6	N/A -
232465	2000	156	68	62	279	1	N/A -

DURAN® Erlenmeyer flask with narrow neck

Cat.No.	Volume (ml)	Base outer Ø (mm)	Neck outer Ø	Height (mm)	Units/ box	€/ box
083340	25	42	22	75	10	N/A -
212161707*	50	51	22	90	10	N/A -
083341	100	64	22	105	10	N/A -
083342	125	67	28	112	10	N/A -
083860**	150	74	28	118	10	N/A -
083343**	200	79	34	131	10	N/A -
090213S	250	85	34	145	1	N/A -
083344**	300	87	34	156	10	N/A -
090214S	500	105	34	180	1	N/A -
083619	800	120	42	200	10	N/A -
090215S	1000	131	42	220	1	N/A -
090216S	2000	166	50	280	1	N/A -
083345	3000	187	52	310	2	N/A -
083346	5000	220	52	365	1	N/A -

* No traceability code / ** Not ISO compliant

- With graduations
- Homogeneous wall thickness
- Traceability code
- Complies ISO 1773
- Meet USP pharmacopoeia
- Autoclavable



Pyrex® Borosilicate Glass Erlenmeyer

Uncapped Erlenmeyer flasks with narrow necks - With traceability code

Cat. No.	Vol. (ml)	Ø x H (mm)	Inn. Neck ø (mm)	Neck Outer ø (mm)	Uni./ box	€/ box
211901	5	25 x 52	12	15	10	N/A -
211902	10	30 x 60	12	15	10	N/A -
211903	25	42 x 70	18	22	10	N/A -
211904	50	51 x 85	18	22	10	N/A -
211905	100	64 x 105	18	22	10	N/A -
001236	150	74 x 118	28	-	10	N/A -
211906	200	79 x 131	34	40	10	N/A -
211907	250	85 x 140	30	34	10	N/A -
761755	300	87 x 156	34	40	10	N/A -
211908	500	105 x 180	30	34	10	N/A -
211909	1000	131 x 220	36	42	10	N/A -
211910	2000	166 x 280	45	50	10	N/A -
211910A	2000	166 x 280	45	50	1	N/A -
211911	3000	187 x 310	46	52	2	N/A -
211912	5000	220 x 365	46	52	1	N/A -



Glass Erlenmeyer with narrow neck

- Borosilicate glass 3.3
- ISO 1773
- With graduation



Vol. (ml)	Units/ box	Cat. No.	Neck ø (mm)	Outer ø (mm)	Height (mm)	€/ box
25	10	068915B	22	42	75	N/A -
50	10	068916B	22	51	90	N/A -
100	10	068917B	22	64	105	N/A -
200	10	511402*	34	79	135	N/A -
250	10	068918B	34	85	145	N/A -
300	10	511403*	34	87	160	N/A -
500	10	068919B	34	105	180	N/A -
1000	10	511404	42	131	220	N/A -
2000	10	958553C	50	166	280	N/A -
3000	1	958555B	50	187	310	N/A -
5000	1	958552B	50	220	365	N/A -

* Not included in ISO

With cap

Erlenmeyer with screw cap

- Made of DURAN® 3.3 borosilicate glass with volume graduations and marking area and PTFE-coated screw cap



Cat. No.	Vol. (ml)	Neck (mm)	out. Ø (mm)	Units/ box	€/ box
673370B	100	25	64	10	N/A -
673614	250	32	85	1	N/A -
673614B	250	32	85	10	N/A -
673615	500	32	105	1	N/A -
673615B	500	32	105	10	N/A -
673616	1000	32	131	1	N/A -
673616B	1000	32	131	10	N/A -

Hybex™ Erlenmeyer with screw cap



- Made of Hybex™ borosilicate glass
- With screw cap GL45 and non-drip spill ring
- Autoclavable
- Marking area
- Applications: agitation, media preparation and storage

Cat. No.	Volume (ml)	Units/ box	€/ box
162510	250	12	N/A -
162511	500	6	N/A -
162512	1000	6	N/A -
162513	2000	1	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Pyrex® Borosilicate Glass Erlenmeyer



Erlenmeyer flask with screw cap type PBT

PBT screw caps, autoclavable and dry steam sterilisable up to 180 °C.

Cat. No.	Volume (ml)	Ø x H (mm)	Inn. Neck ø (mm)	Neck Outer ø (mm)	Units/ box	€/ box
211914	10	30 x 68	10	SVL15	10	**N/A -**
211915	25	42 x 76	17	SVL22	10	**N/A -**
211916	50	51 x 85	17	SVL22	10	**N/A -**
211917	100	64 x 105	24	SVL30	10	**N/A -**
211918	250	85 x 140	35	SVL42	10	**N/A -**
211919	500	105 x 170	35	SVL42	10	**N/A -**
211920	1000	131 x 215	35	SVL42	1	**N/A -**
211921	2000	166 x 280	35	SVL42	5	**N/A -**
211922	3000	187 x 315	35	SVL42	5	**N/A -**

The variants

Wide neck

DURAN Super Duty Erlenmeyer



- With white graduations and marking area
- Traceability code printed on the flask for printing batch certificates
- DURAN borosilicate glass type 1
- Thick-walled
- Reinforced rim and spout

		Wide neck			
Vol. (ml)	Units/ box	Neck Ø x Ø (mm)	Height (mm)	Cat. No.	€/ box
100	10	64 x 34	105	**091978**	**N/A -**
250	10	85 x 50	140	**091979**	**N/A -**
500	10	105 x 50	175	**091980**	**N/A -**
1000	10	131 x 50	220	**091981**	**N/A -**

Pyrex® Heavy-duty Erlenmeyer



Graduated Erlenmeyer flasks, wide neck, for intensive use.

- High shock resistance thanks to consistent thickness of walls and bottom; neck is also reinforced with a thick rim
- White enamel indelible graduations
- Perfectly flat base for optimised stirring

Cat. No.	Volume (ml)	Body outer ø (mm)	Neck outer ø (mm)	Inn. Neck ø (mm)	Height (mm)	Units/ box	€/ box
232442	125	66	32	28	108	12	**N/A -**
232447	250	81	39	36	134	12	**N/A -**
232454	500	97	47	42	170	6	**N/A -**
232460	1000	122	52	49	219	6	**N/A -**
232465	2000	156	68	62	279	1	**N/A -**

Narrow neck

DURAN Super Duty Erlenmeyer



- With white graduations and marking area
- Traceability code printed on the bottle for printing batch certificates
- DURAN borosilicate glass type 1
- Thick-walled
- Reinforced rim and spout

		Narrow neck			
Vol. (ml)	Units/ box	Neck Ø x Ø (mm)	Height (mm)	Cat. No.	€/ box
25	10	42 x 22	75	**091970**	**N/A -**
50	10	51 x 22	90	**091971**	**N/A -**
100	10	64 x 22	105	**091972**	**N/A -**
250	10	85 x 34	145	**091973**	**N/A -**
500	10	105 x 34	180	**091974**	**N/A -**
1000	10	131 x 42	220	**091975**	**N/A -**
2000	10	166 x 50	280	**091976**	**N/A -**
5000	1	220 x 52	365	**091977**	**N/A -**

Pyrex® Heavy-duty Erlenmeyer



Graduated Erlenmeyer flasks, narrow neck, heavy duty.

- High shock resistance thanks to consistent thickness of walls and bottom; neck is also reinforced with a thick rim
- White enamel indelible graduations
- Perfectly flat base for optimised stirring

Cat. No.	Volume (ml)	Body outer ø (mm)	Neck outer ø (mm)	Inn. Neck ø (mm)	Height (mm)	Units/ box	€/ box
231920	10	31	17	12	50	12	**N/A -**
231928	25	41	21	14	65	12	**N/A -**
231933	50	51	22	15	78	12	**N/A -**
231942	125	67	28	24	114	12	**N/A -**
231947	250	82	32	28	132	12	**N/A -**
231954	500	101	37	32	176	6	**N/A -**
231960	1000	129	47	40	216	6	**N/A -**
231965	2000	160	50	43	268	1	**N/A -**
231972	4000	206	57	43	356	1	**N/A -**
231975	6000	235	67	43	410	1	**N/A -**

For cell culture

Without cap

Conical Flasks with Baffle Indents

- In Pyrex® borosilicate glass
- Exhibits 4 baffle indents to provide optimal and consistent agitation
- Autoclavable



Conical flasks with baffle indents, Delong neck

Delivered without cap (compatible with aluminium cap 232528 or polypropylene cap 232529).

Cat. No.	Capacity (ml)	Body out. Ø (mm)	Height (mm)	Neck out. Ø (mm)	Units/ box	€/ box
251571	250	82	155	38	5	N/A -
251572	500	101	193	38	5	N/A -
251573	1000	128	122	38	2	N/A -
251574	2000	166	300	38	1	N/A -

Caps for culture flasks

- For use with Culture flasks 232522 to 232525 and Fernbach Culture flasks 232526 and 232527
- Two types of caps: anodised aluminium or polypropylene 2 positions
- Autoclavable



Cat. No.	Cap Type	Units/ box	€/ box
232528	Aluminium	10	N/A -
232529	Polypropylene	10	N/A -

TIP

See aluminium caps page 688

Erlenmeyer flasks with baffles

- Pyrex® Glass
- Flat base and even wall thickness
- Maximum stirring due to the height of the 4 deflectors (approx. 1/3 of the total height)



Cat. No.	Vol. (ml)	Body outer ø (mm)	Inn. Neck ø (mm)	Height (mm)	Units/ box	€/ box
761623	250	82	32	138	5	N/A -
761624	500	101	36	186	5	N/A -
761625	1000	129	43	222	2	N/A -
761626	2000	161	49	282	1	N/A -

Pyrex® Culture flasks

- Ideal for the preparation of cultures, shakers
- Compatible with most agitation devices
- Long tube neck without rim for use with caps
- Made of Pyrex® borosilicate glass with white enamelled screen printing
- Compatible with aluminium or polypropylene caps Cat. No. 232528 and 232529
- Traceability code



Cat. No.	Capacity (ml)	Body outer Ø (mm)	Neck outer Ø (mm)	Height (mm)	Units/ box	€/ box
232522	250	85	38	148	10	N/A -
232523	500	105	38	183	5	N/A -
232524	1000	131	38	229	2	N/A -
232525	2000	166	38	302	1	N/A -

Fernbach culture flasks

Cat. No.	Capacity (ml)	Type of neck	Units/ box	€/ box
232526	2800	Straight neck	2	N/A -
232527	2800	Screw neck	2	N/A -

WEB

See the DURAN® Glass Fernbach culture flasks on www.dulis.nl

- Used in culture preparation
- Large surface-to-volume ratio
- Made of Pyrex® borosilicate glass
- 3 deflectors to ensure optimal and regular agitation
- Available in two versions:
  - long and straight neck, compatible with caps 232528 and 232529
  - screw neck to be used with polypropylene screw cap GL45



All prices are indicative and exclude VAT. Visit www.dulis.nl

With cap

DURAN® Erlenmeyer flasks with baffles



Erlenmeyer flask with 4 baffles to promote oxygenation of bacterial cultures during growth under agitation.

- Supplied with a blue polypropylene GL45 cap with membrane and spill ring
- Autoclavable borosilicate glass flask with traceability code
- Glass material: DURAN® no interaction between glass and product, autoclavable, highly transparent, complies with USP/EP pharmacopoeia. With Retrace Code (batch certificate via Internet)
- Cap Type: PP (polypropylene) with autoclavable PTFE membrane, heat resistant up to approx. 140 °C

Cat. No.	Capacity (ml)	Thread	Dimensions ø x H (mm)	Units/ box	€/ box
092049	250	GL 45	85 x 145	4	N/A -
092050	500	GL 45	105 x 180	4	N/A -
092147	1000	GL 45	136 x 221	1	N/A -

Conical Flasks with Baffle Indents



- In Pyrex® borosilicate glass
- Exhibits 4 baffle indents to provide optimal and consistent agitation
- Autoclavable

Conical flasks with baffles and membrane screw caps

With screw cap GL45 made of polypropylene with PTFE membrane.

Cat. No.	Capacity (ml)	Body out. Ø (mm)	Height (mm)	Thread (mm)	Units/ box	€/ box
251567	250	82	130	45	5	N/A -
251568	500	101	165	45	5	N/A -
251569	1000	129	205	45	2	N/A -
251570	2000	166	265	45	1	N/A -

WEB

Enter the reference on dulis.nl to find the the procedure for processing laboratory glassware.

Pyrex® Cylindrical-conical flasks



- Made of Pyrex® borosilicate glass for improved resistance to thermal shock and chemical corrosion
- Ideal for fermentation and cultivation work
- White enamel marking
- Autoclavable

Cat. No.	Capacity (ml)	Body outer Ø (mm)	Neck outer Ø (mm)	Height (mm)	Units/ box	€/ box
211926	60	45	25	70	10	N/A -
211927	125	60	30	97	10	N/A -
211928	250	69	34	130	10	N/A -
232521	500	90	35	154	1	N/A -

Fernbach bottles



- In borosilicate glass type 1
- Autoclavable polypropylene screw cap GL45
- Polyethylene seal

BELLCO

Cat. No.	Volume (ml)	Number of baffles	Ø x H (mm)	€
508308	1800	-	200 x 157	N/A -
508309	2800	-	210 x 225	479 -
508310	1800	3 side baffles	200 x 157	579 -
508311	2800	3 side baffles	210 x 225	526 -
508312	1800	3 bottom, 3 side baffles	200 x 157	607 -
508313	2800	3 bottom, 3 side baffles	210 x 225	629 -

WEB

See the culture flasks, Roux type with screw neck on dulis.nl

DURAN® glass Roux culture flask



Cat. No.	Volume (ml)	Length (mm)	Width (mm)	Height (mm)	Neck ø (mm)	€ 10 units
080516	1200	260	122	56	32	N/A -

DURAN® glass culture flask, Roux type, conical neck, excentric



Cat. No.	Volume (ml)	Length (mm)	Width (mm)	Height (mm)	€ 10 units
080517	1200	275	132	56	N/A -

Hirschmann volumetric flasks

Duran® Volumetric flasks, class A

Cat. No.	Vol. (ml)	Type	Tolerance (+/-ml)	Height (+/- 5 mm)	Units/ box	€/ box
501018	5	Duran	0.025	70	2	N/A -
501019	10	Duran	0.025	90	2	N/A -
501020	20	Duran	0.04	110	2	N/A -
501021	25	Duran	0.04	110	2	N/A -
501022	50	Duran	0.06	140	2	N/A -
501023	100	Duran	0.1	170	2	N/A -
501024	200	Duran	0.15	210	2	N/A -
501025	250	Duran	0.15	220	2	N/A -
501026	500	Duran	0.25	260	2	N/A -
501027	1000	Duran	0.4	300	1	N/A -
501028	2000	Duran	0.6	370	1	N/A -
501029	5000	Duran	1.2	470	1	N/A -
501030	10000	Duran	2	570	1	N/A -

- Certificate of conformity with dated batch number
- Border
- Blue graduation
- Complies with DIN EN ISO 1042



MBL® Volumetric flasks, class A

Smooth neck flask without stopper (A)

Volume (ml)	Tolerance (+/-ml)	Body ø x H (mm)	Inn. Neck ø (mm)	Units/ box	Cat. No.	€/ box
5	0.025	27 x 72	9.5	5	090067	N/A -
10	0.025	32 x 92	9.5	5	090068	N/A -
20	0.040	37 x 107	9.5	5	090069	N/A -
25	0.040	39 x 112	10.2	5	090070	N/A -
50	0.060	48 x 145	11	5	090071	N/A -
100	0.100	61 x 175	13	5	090072	N/A -
200	0.150	76 x 215	15.4	5	090073	N/A -
250	0.150	80 x 225	15.4	2	090074	N/A -
500	0.250	101 x 261	18.4	2	090075	N/A -
1000	0.400	127 x 305	22	2	090076	N/A -
2000	0.600	161 x 375	25	1	090077	N/A -
5000	1.200	215 x 475	35	1	090078	N/A -

- Complies with ISO 1042 (BSI 1792) DIN 12664
- Neck fitted with a thick rim to fit a rubber cap
- Certified "H" brand
- Engraved gauge line
- Blue enamel inscription
- Delivered with certificate of conformity
- Batch number engraved on each volumetric flask



BLAUBRAND® Volumetric flasks, class A

Smooth neck flask without stopper (A)

- BLAUBRAND® consistent quality
- Class A
- Certified as compliant
- Made of DURAN®, DIN EN ISO 1042
- Batch certificate delivered per packaging unit
- Smooth neck without cap,

Vol. (ml)	Tolerance (+/-ml)	Units/ box	Safety	Cat. No.	€/ box
10	0.04	2	10/19	090639	N/A -
20	0.04	2	10/19	090640	N/A -
25	0.04	2	10/19	090641	N/A -
50	0.06	2	12/21	090642	N/A -
100	0.1	2	14/23	090643	N/A -
200	0.15	2	14/23	090644	N/A -
250	0.15	2	14/23	090645	N/A -
500	0.25	2	19/26	090646	N/A -
1000	0.4	1	24/29	090647	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

With cap

Hirschmann volumetric flasks



C - Volumetric flasks according to Kohlrausch

- Certificate of conformity (with dated batch number)

Cat. No.	Vol. (ml)	Type	Tolerance (+/-ml)	Height (+/- 5 mm)	Units/ box	€/ box
501069	100	Duran®	0.1	170	2	N/A -
501070	200	Duran®	0.15	210	2	N/A -

Pyrex® Glass volumetric flasks, class A



Pyrex® Glass Complies with ISO 1042 and DIN 12664.
To enable traceability, each flask has a batch number.

- Engraved gauge line for improved accuracy
- Supplied with a polyethylene cap
- White enamel silk-screen inscriptions

Cat. No.	Vol. (ml)	Tolerance (+/-ml)	Socket (CN)	Units/ box	€/ box
442716	1	0.02	7/16	5	N/A -
442717	2	0.02	7/16	5	N/A -
090048	5	0.02	10/19	5	N/A -
090049	10	0.02	10/19	5	N/A -
090050	20	0.03	10/19	5	N/A -
090051	25	0.03	10/19	5	N/A -
090052	50	0.05	12/21	5	N/A -
090053	100	0.08	14/23	5	N/A -
090054	200	0.10	14/23	5	N/A -
090055	250	0.12	14/23	2	N/A -
090056	500	0.15	19/26	2	N/A -
090057	1000	0.30	24/29	2	N/A -
090058	2000	0.50	29/32	1	N/A -
090059	5000	1.00	34/35	1	N/A -

Pyrex® UKAS Glass volumetric flasks, class A





- Made of Pyrex® borosilicate glass for photosensitive solutions, clear or amber
- Complies with ISO /IEC 17025, ISO 1042, DIN12664
- Calibrated to USP tolerances
- Delivered with UKAS certificate
- Serial number and date of manufacture engraved on each flask
- White enamel inscriptions
- Polyethylene cap

Capacity (ml)	Tolerance +/- (ml)	Approx. H (mm)	Socket (CN)	Colours Clear	€/ box	Amber	€/ box
5	0.02	70	10/19	233142	N/A -	233153	N/A -
10	0.02	90	10/19	233143	N/A -	233154	N/A -
20	0.03	110	10/19	233144	N/A -	-	-
25	0.03	110	10/19	233145	N/A -	233155	N/A -
50	0.05	140	12/21	233146	N/A -	233156	N/A -
100	0.08	170	14/23	233147	N/A -	233157	N/A -
200	0.1	210	14/23	233148	N/A -	233158	N/A -
250	0.12	220	14/23	233149	N/A -	233159	N/A -
500	0.2	260	19/26	233150	N/A -	233160	N/A -
1000	0.3	300	24/29	233151	N/A -	233161	N/A -
2000	0.5	370	29/32	233152	N/A -	233162	N/A -

BLAUBRAND® PURprotect volumetric flasks



- In Boro 3.3 glass
- Class A, DE-M marking
- DIN EN ISO 1042
- With polypropylene cap
- With batch certificate
- In the event of breakage, the plastic coating helps containing the glass fragments and avois liquid loss
- The light blue coating facilitates optical distinction of the PURprotect flasks
- Resistant to 135 °C in dry heat
- Autoclavable at 121 °C (If frequent reduces splintering protection)
- Cleaning up to max. 95 °C.

Cat. No.	Volume (ml)	Accuracy (±ml)	Socket	Units/ box	€/ box
781618*	50	0.1	14/23	2	N/A -
781619	100	0.1	14/23	2	N/A -
781620	200	0.15	14/23	2	N/A -
781621	250	0.15	14/23	2	N/A -
781912	500	0.25	19/26	2	N/A -
674072	1000	0.4	24/29	1	N/A -

* Wide neck

Hirschmann volumetric flasks

A - Volumetric flasks class A, with polypropylene stopper, brown graduation



Cat. No.	Vol. (ml)	Type	Tolerance (+/-ml)	Height (+/- 5 mm)	Units/ box	€/ box
501031	5	NS 7/16	0.025	70	2	N/A -
501032	5	NS 10/19*	0.04	70	2	N/A -
501033	10	NS 7/16	0.025	90	2	N/A -
501034	10	NS 10/19*	0.04	90	2	N/A -
501035	20	NS 10/19	0.04	110	2	N/A -
501036	20	NS 12/21	0.06	105	2	N/A -
501037	25	NS 10/19	0.04	110	2	N/A -
501038	25	NS 12/21*	0.06	110	2	N/A -
501039	50	NS 12/21	0.06	140	2	N/A -
501040	50	NS 14/23*	0.08	140	2	N/A -
501041	100	NS 12/21	0.1	170	2	N/A -
501042	100	NS 14/23	0.1	170	2	N/A -
501043	200	NS 14/23	0.15	210	2	N/A -
501044	250	NS 14/23	0.15	220	2	N/A -
501045	500	NS 19/26	0.25	260	2	N/A -
501046	1000	NS 29/32*	0.6	300	1	N/A -
501047	1000	NS24/29	0.4	300	1	N/A -
501048	2000	NS29/32	0.6	370	1	N/A -
501049	5000	NS34/35	1.2	470	1	N/A -
501050	10000	NS45/40	2.0	570	1	N/A -

* Wide neck

E - Volumetric flasks class A, brown glass

- Certificate of conformity (with dated batch number)
- With polypropylene or glass stopper
- Complies with DIN EN ISO 1042



				Flask with plastic stopper		Flask, glass stopper	
Capacity (ml)	Type	Tolerance (+/-ml)	Height (+/- 5 mm)	Units/ box	Cat. No.	€ box	Cat. No.	€ box
5	NS 7/16	0.025	70	2	500988	N/A -	501003	N/A -
5	NS 10/19*	0.04	70	2	500989	N/A -	501004	N/A -
10	NS 7/16	0.025	90	2	500990	N/A -	501005	N/A -
10	NS 10/19*	0.04	90	2	500991	N/A -	501006	N/A -
20	NS 10/19	0.04	110	2	500992	N/A -	501007	N/A -
25	NS 10/19	0.04	110	2	500993	N/A -	501008	N/A -
50	NS 12/21	0.06	140	2	500994	N/A -	501009	N/A -
50	NS 14/23*	0.08	140	2	500995	N/A -	501010	N/A -
100	NS 12/21	0.1	170	2	500996	N/A -	501011	N/A -
100	NS 14/23	0.1	170	2	500997	N/A -	501012	N/A -
200	NS 14/23	0.15	210	2	500998	N/A -	501013	N/A -
250	NS 14/23	0.15	220	2	500999	N/A -	501014	N/A -
500	NS 19/26	0.25	260	2	501000	N/A -	501015	N/A -
1000	NS 24/29	0.4	300	1	501001	N/A -	501016	N/A -
2000	NS 29/32	0.6	370	1	501002	N/A -	501017	N/A -

* Wide neck

F - Volumetric flasks class A, USP brown glass

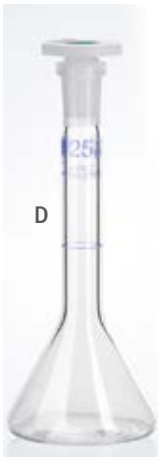
- In brown borosilicate glass
- With polypropylene cap



Cat. No.	Vol. (ml)	Tolerance (+/-ml)	Height (+/- 5 mm)	Units/ box	€/ box
501071	5	0.02	70	2	N/A -
501072	10	0.02	90	2	N/A -
501073	20	0.03	110	2	N/A -
501074	25	0.03	110	2	N/A -
501075	50	0.05	140	2	N/A -
501076	100	0.08	170	2	N/A -
501077	200	0.1	210	2	N/A -
501078	250	0.12	220	2	N/A -
501079	500	0.15	260	2	N/A -
501080	1000	0.3	300	1	N/A -
501081	2000	0.5	370	1	N/A -

D - Volumetric flasks Class A, trapezoidal stopper

- Certificate of conformity (with dated batch number)
- With polypropylene or trapezoidal glass stopper
- Complies with DIN EN ISO 1042



				Polypropylene stopper		Glass stopper	
Vol. (ml)	Tolerance (+/-ml)	Tolerance (+/-ml)	Height (+/- 5 mm)	Cat. No.	€ 2 units	Cat. No.	€ 2 units
1	NS 7/16	0.025	60	501051	N/A -	501060	N/A -
2	NS 7/16	0.025	70	501052	N/A -	501061	N/A -
5	NS 7/16	0.025	70	501053	N/A -	501062	N/A -
5	NS 10/19*	0.04	70	501054	N/A -	501063	N/A -
10	NS 7/16	0.025	90	501055	N/A -	501064	N/A -
10	NS 10/19*	0.04	90	501056	N/A -	501065	N/A -
20	NS 10/19	0.04	110	501057	N/A -	501066	N/A -
25	NS 10/19	0.04	110	501058	N/A -	501067	N/A -
50	NS 12/21	0.06	140	501059	N/A -	501068	N/A -

* Wide neck

All prices are indicative and exclude VAT. Visit www.dulis.nl

MBL® Volumetric flasks, class A



- Complies with ISO 1042 (BSI 1792) DIN 12664
- Neck fitted with a thick rim to fit a rubber cap
- Certified "H" brand
- Engraved gauge line
- Blue enamel inscription
- Delivered with certificate of conformity
- Batch number engraved on each volumetric flask

Flasks with PE stopper (B)

Volume (ml)	Tolerance (+/-ml)	Body ø x H (mm)	Inn. Neck ø (mm)	Cat. No.	Units/ box	€/ box
5	0.025	27 x 72	9.5	090462	5	N/A -
10	0.025	32 x 92	9.5	090463	5	N/A -
20	0.040	37 x 107	9.5	090475	5	N/A -
25	0.040	39 x 112	10.2	090476	5	N/A -
50	0.060	48 x 145	11	090233	5	N/A -
100	0.100	61 x 175	13	090234	5	N/A -
200	0.150	76 x 215	15.4	090235	5	N/A -
250	0.150	80 x 225	15.4	090236	2	N/A -
500	0.250	101 x 261	18.4	090237	2	N/A -
1000	0.400	127 x 305	22	090238	2	N/A -
2000	0.600	161 x 375	25	090239	1	N/A -
5000	1.200	215 x 475	35	090241	1	N/A -

BLAUBRAND® Volumetric flasks, class A



- BLAUBRAND® consistent quality
- Class A
- Certified as compliant
- Made of DURAN®, DIN EN ISO 1042
- Batch certificate delivered per packaging unit
- Smooth neck without stopper, or with square polypropylene stopper with drip tip (this stopper significantly reduces the danger of breakage in the event of spillage and prevents the flask from rolling onto the bench), or with glass stopper

				Flask with PP stopper		Flask with glass stopper (B)		Amber flask with PP stopper		Amber flask with glass stopper	
Vol. (ml)	Tolerance (+/-ml)	Units/ box	Safety	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box	Cat. No.	€/ box
5	0.04	2	10/19	090648	N/A -	781664	N/A -	781698	N/A -	781708	N/A -
10	0.04	2	10/19	090649	N/A -	092403	N/A -	781699	N/A -	674359B	N/A -
20	0.04	2	10/19	090650	N/A -	781665	N/A -	781700	N/A -	781709	N/A -
20	0.06	2	-	-	-	781666	N/A -	-	-	-	-
25	0.04	2	10/19	090102	N/A -	781667	N/A -	674399	N/A -	781710	N/A -
25	0.06	2	-	-	-	781668	N/A -	-	-	-	-
50	0.06	2	12/21	090652	N/A -	781669	N/A -	781702	N/A -	781712	N/A -
50	0.1	2	14/23	090653	N/A -	673390	N/A -	781701	N/A -	781711	N/A -
100	0.1	2	12/21	090654	N/A -	781670	N/A -	-	-	-	-
100	0.1	2	14/23	090655	N/A -	781671	N/A -	781703	N/A -	781713	N/A -
200	0.15	2	14/23	090656	N/A -	781672	N/A -	781704	N/A -	781714	N/A -
250	0.15	2	14/23	090657	N/A -	781673	N/A -	781705	N/A -	781715	N/A -
500	0.25	2	19/26	090658	N/A -	781674	N/A -	781706	N/A -	781716	N/A -
1000	0.4	1	24/29	090659	N/A -	781675	N/A -	781707	N/A -	674073	N/A -
2000	0.6	1	29/32	090660	N/A -	781676	N/A -	-	-	-	-
5000	1.2	1	34/35	090661	N/A -	781677	N/A -	-	-	-	-

Volumetric flasks with PTFE stopper



- In borosilicate glass class A
- PTFE stopper and cone seal
- ISO standard DIN 1042
- Reference temperature at 20 °C
- Blue marking

Cat. No.	Volume (ml)	(CN) socket	Units/ box	€/ box
360001	5	10/19	1	N/A -
360002	10	10/19	1	N/A -
360003	20	10/19	2	N/A -
360004	25	10/19	2	N/A -
360005	50	14/23	2	N/A -
360006	100	14/23	2	N/A -
360007	200	14/23	2	N/A -
360008	250	14/23	2	N/A -
360009	500	19/26	2	N/A -
360010	1000	24/29	2	N/A -

Polyethylene stoppers

- Stoppers for test tubes or volumetric flasks in glass or plastic
- Made of polyethylene
- Wide head guarantees a good grip and protection of the glassware in case of tipping



Cat. No.	CN male socket	Units/ box	€/ box
090198	10/19	10	N/A -
761833	12/21	10	N/A -
761834	14/23	10	N/A -
761835	19/26	10	N/A -
001882	24/29	10	N/A -
761836	29/32	10	N/A -
761837	34/35	10	N/A -

Conical stoppers for flasks



- Polyethylene, waterproof
- Conforms to standard DIN 12242

Lower ø (mm)	NS Cone	Colours	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
5.9	7/16	Violet	391498B	10	N/A -	391498	50	N/A -
8.1	10/19	Blue	391499B	10	N/A -	391499	50	N/A -
10.4	12/21	Green	391500B	10	N/A -	391500	50	N/A -
12.2	14/23	Brown	391501B	10	N/A -	391501	50	N/A -
16.4	19/26	Yellow	391502B	10	N/A -	391502	50	N/A -
21.1	24/29	Red	391503B	10	N/A -	391503	50	N/A -
25.8	29/32	Black	391504	10	N/A -	-	-	-
30.9	34/35	White	391505	10	N/A -	-	-	-

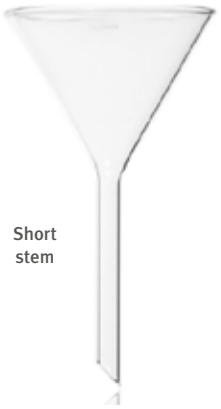
Funnels for liquids

DURAN® Borosilicate Glass Funnels

DWK LIFE SCIENCES

Short stem

Cat. No.	ø (mm)	Height (mm)	Steam ø x H (mm)	Filter paper (mm)	Units/ box	€/ box
080519	35	60	6 x 35	45-55	10	N/A -
080520	45	80	6 x 45	55-70	10	N/A -
080521	55	95	8 x 55	70-90	10	N/A -
080522	70	125	8 x 70	110-125	10	N/A -
080523	80	140	10 x 80	125-150	10	N/A -
080524	100	180	10 x 100	150-185	10	N/A -
080525	120	210	16 x 120	185-240	10	N/A -
080526	150	265	16 x 150	240-270	10	N/A -
080527	180	290	20 x 150	270-320	1	N/A -
080528	200	325	26 x 175	320 – 385	1	N/A -
080530	300	409	30 x 175	500	1	N/A -





Long steam

Cat. No.	ø (mm)	Height (mm)	Steam ø x H (mm)	Filter paper (mm)	€ 10 units
080548	55	190	6 x 150	70-90	N/A -
080549	70	200	6 x 150	110-125	N/A -
080550	80	210	6 x 150	125- 150	N/A -

Pyrex® borosilicate glass funnels

DWK LIFE SCIENCES

Short stem funnels, 60° angle.

Cat. No.	Opening diameter (mm)	€
090160	45	N/A -
090161	70	N/A -
090162	80	N/A -
090163	100	N/A -
090164	125	N/A -
090165	150	N/A -
090166	200	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Borosilicate Glass Funnels, 60° angle



Borosilicate glass 3.3.

Cat. No.	Volume (ml)	ø (mm)	Units/ box	€/ box
068957	8	35	10	N/A -
068958	15	45	10	N/A -
068959	30	55	10	N/A -
068960	95	75	10	N/A -
068961	140	85	10	N/A -
068962	190	100	10	N/A -
068964B	750	150	6	N/A -
068965	1900	200	6	N/A -
068966B	2500	230	12	N/A -

Funnels for Powder

DURAN® Borosilicate Glass Funnels for Powder



Cat. No.	ø (mm)	Height (mm)	Steam ø x H (mm)	Units/ box	€/ box
080537	55	60	20 x 30	10	N/A -
080538	70	72	22 x 30	10	N/A -
080539	80	79	24 x 30	10	N/A -
080540	100	94	26 x 30	10	N/A -
080541	120	105	34 x 30	10	N/A -
080542	160	140	35 x 30	1	N/A -
080543	200	170	40 x 30	1	N/A -

Pyrex® Heavy-duty Funnels for Powder



The wide thick rim all around the bell and the thickness of the walls protect these funnels against accidental shocks and reduce the risks of breakage.

Cat. No.	Vol. (ml)	Bell outer ø (mm)	Stem outer ø (mm)	Rod length (mm)	Total height (mm)	€
251505B	65	65	15	25	83	N/A -
251507B	110	75	17	30	94	N/A -
251510B	250	100	20	30	120	N/A -
251512B	400	125	25	35	132	N/A -
251515B	900	150	30	35	157	N/A -

DURAN® Round Flask with Narrow Neck

- Reinforced rim for round flasks with a neck diameter equal to or greater than 65 mm
- Duran® borosilicate glass
- With beaded rim
- According to ISO 1773

				Round bottom			Flat bottom		
Vol. (ml)	Body ø (mm)	Neck ø (mm)	Units/ box	Height (mm)	Cat. No.	€/ box	Height (mm)	Cat. No.	€/ box
50	51	26	10	95	091884	N/A -	90	091894	N/A -
100	64	26	10	110	091882	N/A -	105	091895*	N/A -
250	85	34	10	144	091881	N/A -	138	091896	N/A -
500	102	34	10	168	091880*	N/A -	163	091897*	N/A -
1000	131	42	10	200	091876	N/A -	190	090364	N/A -
2000	166	42	10	260	091877*	N/A -	230	080572*	N/A -
3000	185	50	1	-	-	-	250	091898*	N/A -
4000	207	50	1	290	091885*	N/A -	275	080569*	N/A -
6000	236	51	1	355	091886*	N/A -	315	091375*	N/A -
10000	280	65	1	380	091887*	N/A -	360	091899*	N/A -
20000	345	76	1	515	091888	N/A -	-	-	-

* Not in accordance with ISO dimensions



DURAN® Round Flasks with Wide Neck

- Reinforced rim for round flasks with a neck diameter equal to or greater than 65 mm
- In DURAN® Borosilicate Glass
- With beaded rim / Round or flat bottom
- Complies with the DIN EN ISO 24450 standard

				Round bottom			Flat bottom		
Vol. (ml)	Body ø (mm)	Neck ø (mm)	Units/ box	Height (mm)	Cat. No.	€/ box	Height (mm)	Cat. No.	€/ box
50	51	35	10	-	-	-	100	091900	N/A -
100	64	35	10	100	091878	N/A -	100	091901	N/A -
250	85	50	10	143	091889	N/A -	138	091902	N/A -
500	105	50	10	168	091890	N/A -	170	091903	N/A -
1000	131	65	10	-	-	-	190	091904	N/A -
2000	166	50	10	-	-	-	230	092048	N/A -
2000	166	76	10	260	090129	N/A -	230	092047	N/A -
4000	206	76	1	315	091892	N/A -	-	-	-
6000	236	89	1	355	091893	N/A -	-	-	-



DURAN® Glass Round flasks

	Socket 14/23		Socket 19/26		Socket 24/29		Socket 29/32		Socket 45/40		Socket 29/32 brown glass	
Vol.	Cat. No.	€ 10 units	Cat. No.	€ 10 units	Cat. No.	€ 10 units	Cat. No.	€ 10 units	Cat. No.	€ 10 units	Cat. No.	€ 10 units
5 ml	673450B	N/A -	-	-	-	-	-	-	-	-	-	-
10 ml	673451B	N/A -	-	-	-	-	-	-	-	-	-	-
25 ml	673452B	N/A -	673456B	N/A -	-	-	-	-	-	-	-	-
50 ml	673453B	N/A -	673457B	N/A -	673460B	N/A -	673466B	N/A -	-	-	673474B	N/A -
100 ml	673454B	N/A -	673364B	N/A -	673461B	N/A -	673365B	N/A -	-	-	673475B	N/A -
250 ml	673455B	N/A -	673458B	N/A -	673462B	N/A -	673366B	N/A -	673479B	N/A -	673476B	N/A -
500 ml	-	-	673459B	N/A -	673463B	N/A -	673368B	N/A -	673480B	N/A -	673477B	N/A -
1 l	-	-	-	-	673464B	N/A -	673369B	N/A -	673481B	N/A -	673478B	N/A -
2 l	-	-	-	-	673465B	N/A -	673467B	N/A -	673482B	N/A -	-	-
3 l	-	-	-	-	-	-	673468	N/A -	673483	N/A -	-	-
4 l	-	-	-	-	-	-	673469	N/A -	673484	N/A -	-	-
5 l	-	-	-	-	-	-	673470	N/A -	673485	N/A -	-	-
6 l	-	-	-	-	-	-	673471	N/A -	673486	N/A -	-	-
10 l	-	-	-	-	-	-	673472	N/A -	673487	N/A -	-	-
20 l	-	-	-	-	-	-	673473	N/A -	673488	N/A -	-	-



Round Flasks with Wide Neck

Cat. No.	Volume (ml)	Height (mm)	Body ø (mm)	Neck ø (mm)	€
785632	250	90	85	75	N/A -
785633	500	115	105	75	N/A -
785634	700	135	103	100	N/A -
761832	1000	155	131	100	N/A -
761819	2000	185	166	100	N/A -
785635	3000	210	189	100	N/A -
785636	4000	225	207	100	N/A -
785637	5000	245	222	100	N/A -
991542	6000	260	236	100	N/A -
041275	10000	320	279	100	N/A -
761831	20000	380	345	100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

The classics

In Borosilicate glass

Glass Petri Dishes





Borosilicate glass Petri dishes

Cat. No.	ø x H (mm)	Diameter Bottom (mm)	H with lid. (mm)	Units/ box	€/ box
091715	60 x 20	54	22	10	N/A -
091999	80 x 20	74	22	10	N/A -
092000	100 x 15	94	17	10	N/A -
092001	100 x 20	94	22	10	N/A -
092002	120 x 20	114	22	10	N/A -
092003	150 x 26.50	143	32	10	N/A -

Soda-lime glass Petri dishes

Cat. No.	Lid outer ø x base height (mm)	Units/ box	€/ box
092004	40 x 12	10	N/A -
092005	60 x 15	10	N/A -
092006	80 x 15	10	N/A -
092007	90 x 15	10	N/A -
092008	100 x 10	10	N/A -
091961	100 x 15	10	N/A -
092009	100 x 20	10	N/A -
092010	120 x 20	10	N/A -
092011	150 x 25	10	N/A -
092012	180 x 30	10	N/A -
092013	200 x 30	10	N/A -
092014	200 x 45	10	N/A -

Soda-lime glass

Glass Petri Dishes



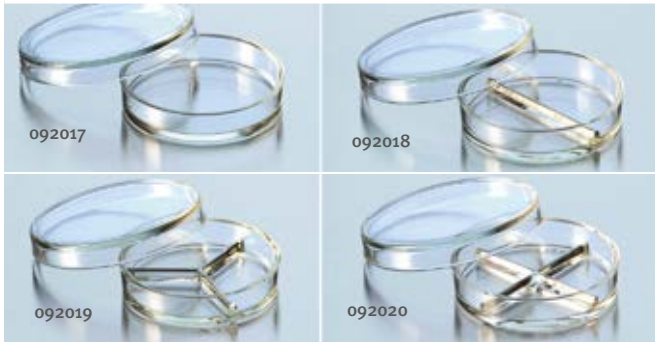
Soda-lime glass Petri dishes. Excellent flatness.

Cat. No.	ø x H (mm)	Thickness (mm)	Units/ box	€/ box
068515B	40 x 12	1.2	18	N/A -
068516B	50 x 12	-	18	N/A -
068517B	60 x 12	-	18	N/A -
001743B	60 x 15	-	30	N/A -
068519B	90 x 15	1.35	18	N/A -
001746B	100 x 15	-	36	N/A -
001747B	100 x 20	-	36	N/A -
068521B	120 x 20	-	18	N/A -
001749B	150 x 25	-	36	N/A -
001750B	180 x 30	-	6	N/A -
068523	200 x 30	1.5	10	N/A -

The variants

Borosilicate glass

Petri Dishes with Compartments

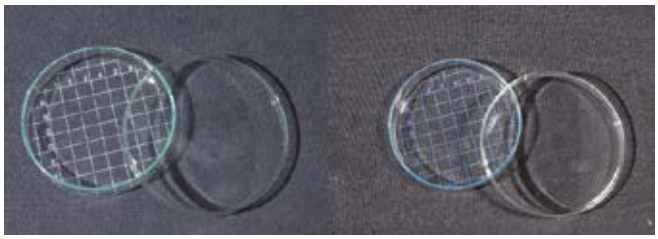


Number of compartments (mm)	ø x H = 100 x 15	ø x H = 100 x 20
1 compartment	092016	092017
€/ box of 10	92.90 -	104 -
2 compartments	-	092018
€/ box of 10	-	136 -
3 compartments	-	092019
€/ box with 10	-	136 -
4 compartments	-	092020
€/ box with 10	-	136.40 -

In Soda-lime Glass

Petri Dishes with Counting Grid

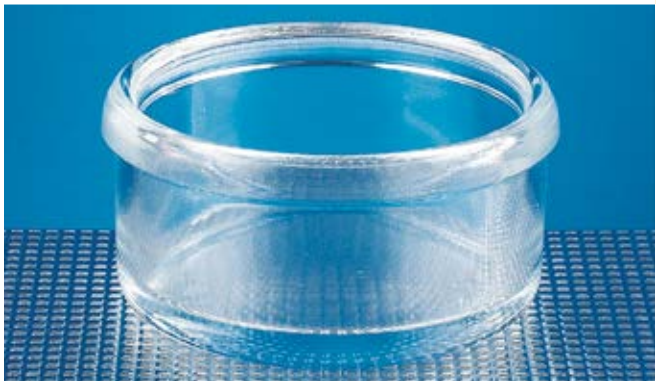
- Soda-lime glass
- With white or blue counting grid



		White grid			Blue grid		
H. (mm)	Outer ø (mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
12	40	360154	40	N/A -	360166	40	N/A -
15	60	360155	30	N/A -	360167	30	N/A -
15	80	360156	36	N/A -	360168	36	N/A -
15	90	360157	32	N/A -	360169	32	N/A -
10	100	360158	36	N/A -	360170	36	N/A -
15	100	360159	36	N/A -	360171	36	N/A -
20	100	360160	36	N/A -	360172	36	N/A -
20	120	360161	72	N/A -	360173	72	N/A -
25	150	360162	36	N/A -	360174	36	N/A -
30	180	360163	6	N/A -	360175	6	N/A -
30	200	360164	6	N/A -	360176	6	N/A -
50	200	360165	6	N/A -	360177	6	N/A -

Glass crystallizing dishes in cordaline glass

- Soda-lime glass
- With a thick rim on the upper part to ensure very good solidity



Cat. No.	Capacity (ml)	Out. ø (mm)	Height (mm)	€
001731B	100	80	40	N/A -
001733B	450	131	60	N/A -
001734B	1000	165	78	N/A -
001735B	1500	190	87	N/A -

DURAN® Borosilicate Glass Crystallizing Dishes

DWK LIFE SCIENCES



				With spout		Without spout	
Volume (ml)	ø (mm)	Height (mm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
20	40	25	10	080468	N/A -	080478	N/A -
40	50	30	10	080469	N/A -	080479	N/A -
60	60	35	10	080470	N/A -	080480	N/A -
100	70	40	10	080471	N/A -	080481	N/A -
150	80	45	10	080472	N/A -	080482	N/A -
300	95	55	10	080473	N/A -	080483	N/A -
500	115	65	10	080474	N/A -	080484	N/A -
900	140	75	10	080475	N/A -	080485	N/A -
2000	190	90	10	080476	N/A -	080486	N/A -
3500	230	100	10	080477	N/A -	080487	N/A -

Mortars with glass pestle



Cat.No.	Volume (ml)	ø (mm)	Units/ box	€/ box
360134	50	60	10	N/A -
360135B	100	80	24	N/A -
360136B	250	100	20	N/A -
360137	500	120	8	N/A -
360138	1000	150	6	N/A -
360139	2000	180	5	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Agate Mortars, Pestles and Beads



Mortar and pestle

Cat. No.	Inner ø (mm)	Outer ø (mm)	Depth (mm)	Volume (ml)	€
140870	35	40	10	5	N/A -
140871	82	100	25	70	N/A -
140872	100	120	30	140	N/A -
140873	110	130	33	150	N/A -
140874	125	150	38	200	N/A -
140875	128	160	39	275	N/A -

Agate Mortars and Pestles



Cat. No.	Inner ø (mm)	Depth (mm)	Tot. Height. (mm)	Capacity (ml)	Pestle length (mm)	€
068543B	50	14	26.5	15	59	N/A -
068544	61	20	32	29	72	N/A -
068545B	63	23	38	30	83	N/A -

Porcelain Mortars and Pestles





Mortars only			Smooth interior		Rough interior	
Capacity (ml)	Inner ø (mm)	Int. height (mm)	Cat. No.	€	Cat. No.	€
30	56	36	140619	N/A -	140631	N/A -
70	63	41	140620	N/A -	140632	N/A -
75	76	45	140621	N/A -	140633	N/A -
110	83	50	140622	N/A -	140634	N/A -
160	90	56	140623	N/A -	140635	N/A -
220	105	64	140624	N/A -	140636	N/A -
400	125	71	140625	N/A -	140637	N/A -
500	139	82	140626	N/A -	140638	N/A -
650	150	90	140627	N/A -	140639	N/A -
1000	180	104	140628	N/A -	140640	N/A -

Single pestles for porcelain mortars

Cat. No.	ø (mm)	Length (mm)	For mortars ø (mm)	€
140643B	23	115	70, 81 and 91	N/A -
140644B	26	135	100 y 113	N/A -
140645B	37	150	125 y 144	N/A -
140646B	44	170	163	N/A -
140647	58	210	183	N/A -
140648	73	255	215	N/A -
140649	86	305	257	N/A -

Cryogenic mortar





Cryogenic mortar version

- Supplied without pestle
- Dimensions (ø x H): 16.5 x 11.4 cm
- Handle for removing stainless steel mortar
- Blue polyethylene bowl containing liquid nitrogen
- Suction cups for mortar stability

Mini Cryogenic mortar version

- Allows the grinding of small frozen tissue samples contained in a 1.5 ml microtube
- Supplied with a stainless steel pestle with a polyethylene handle and a handle for removing the mortar

Cat.No.	Description	€
088763	Cryogenic mortar	N/A -
088767	Cryogenic Mini mortar	N/A -

Glass Desiccators

- GL32 Thread
- With PBT screw cap or PTFE needle valve
- Without porcelain plate

DN	Inn. Ø flange	Out. Ø flange	Height (mm)	Volume (l)	With cap	€/ box	With tap	€/ box
150	172	215	239	2.4	096329	N/A -	084616	N/A -
200	224	270	296	5.8	096330	N/A -	084617	N/A -
250	274	320	344	10.5	096331	N/A -	084618	N/A -
300	332	380	420	18.5	096332	N/A -	084619	N/A -



Soda-lime Glass Dessicators

- Transparent / For vacuum and non-vacuum applications
- Plates of varying diameters (150, 200, 250 or 300 mm)
- Without stopcock, with stopcock or with rotating sleeve valve

Cat. No.	Lid	Sealing ring	Plate	Plate Ø (mm)	€
360148	Tap	Yes	Without plate	150	N/A -
360149				250	N/A -
360151			Porcelain	250	N/A -
360152			Metal	150	N/A -
360153				250	N/A -
360098		No	Without plate	150	N/A -
360099				200	N/A -
360100				250	N/A -
360101				300	N/A -
360102			Porcelain	150	N/A -
360103				200	N/A -
360104				250	N/A -
360105				300	N/A -
360106			Metal	150	N/A -
360107				200	N/A -
360108				250	N/A -
360109				300	N/A -
360110	Button		Without plate	150	N/A -
360111				200	N/A -
360112				250	N/A -
360113				300	N/A -
360114			Porcelain	150	N/A -
360115				200	N/A -
360116				250	N/A -
360117				300	N/A -
360118			Metal	150	N/A -
360119				200	N/A -
360120				250	N/A -
360121				300	N/A -
360122	Rotary valve		Without plate	150	N/A -
360123				200	N/A -
360124				250	N/A -
360125				300	N/A -
360126			Porcelain	150	N/A -
360127				200	N/A -
360128				250	N/A -
360129				300	N/A -
360130			Metal	150	N/A -
360131				200	N/A -
360132				250	N/A -
360133				300	N/A -



Components and accessories for dessicators

Cat. No.	Description	Ø (mm)	€
360081	Knobbed lid	150	N/A -
360082		200	N/A -
360083		250	N/A -
360084		300	N/A -
360085	Lid with rotating sleeve valve	150	N/A -
360086		200	N/A -
360087		250	N/A -
360088		300	N/A -
360097	Tap	-	N/A -
360140	Desiccator bottom	150	N/A -
360141		200	N/A -
360142		250	N/A -
360143		300	N/A -
360144	Jar compatible with sealing ring	150	N/A -
360145		250	N/A -
360146	Sealing ring	150	N/A -
360147		250	N/A -
360089	Porcelain plate	150	N/A -
360090		200	N/A -
360091		250	N/A -
360092		300	N/A -
360093	Metal plate	150	N/A -
360094		200	N/A -
360095		250	N/A -
360096		300	N/A -

Vacuum Grease

Cat. No.	Description	€
069600	50 g Tube of vacuum grease	N/A -

High performance vacuum grease. 50 g Tube

- Does not evaporate
- Resistant to acids, alkalis and gases
- Can be used from -40 °C to +300 °C



Find PTFE tapes on dulis.nl



All prices are indicative and exclude VAT. Visit www.dulis.nl

Chromatography screw neck vials



- In borosilicate glass complying with USP TYPE I and ASTM type I class B
- Also available with a white ceramic marking area
- ND9 necked vials are compatible with most autosamplers
- Caps sold separately

Cat. No.	Vol. (ml)	ø x H (mm)	Neck	Colours	Marking area	Units/ box	€/ box
096387	1.5	11.6 x 32	ND8	Transparent	No	100	N/A -
096389	1.5	11.6 x 32	ND8	Transparent	Yes	100	N/A -
096388	1.5	11.6 x 32	ND8	Amber	No	100	N/A -
096390	1.5	11.6 x 32	ND8	Amber	Yes	100	N/A -
096391	1.5	11.6 x 32	ND9	Transparent	No	100	N/A -
096392	1.5	11.6 x 32	ND9	Amber	No	100	N/A -
096395	4	14.7 x 45	ND13	Transparent	No	100	N/A -
096396	4	14.7 x 45	ND13	Amber	No	100	N/A -
096398	4	14.7 x 45	ND13	Amber	Yes	100	N/A -

Caps for ND8, ND9 and ND13 vials

Cat. No.	Neck	Cap Type	Colours	Seal	Units/ box	€/ box
096434	ND8	With septum	Black	Silicone with red PTFE inner side	100	N/A -
096435	ND8	Pre-slit septum	Black	Silicone with red PTFE inner side	100	N/A -
096436	ND8	With septum	Black	Silicone with double-sided red PTFE	100	N/A -
096438	ND9	With septum	Blue	Silicone with red PTFE inner side	100	N/A -
096439	ND9	With septum	Blue	Silicone with double-sided red PTFE	100	N/A -
096440	ND9	Pre-slit septum	Blue	Silicone with blue PTFE inner side	100	N/A -
096445	ND9	With septum	Blue	Red rubber with white PTFE inner side	100	N/A -
096441	ND9	With septum	White	Red rubber with clear PTFE inner side	100	N/A -
096442	ND9	With septum	White	Silicone with red PTFE inner side	100	N/A -
096443	ND9	With septum	White	Silicone with double-sided red PTFE	100	N/A -
096444	ND9	Pre-slit septum	White	Silicone with blue PTFE inner side	100	N/A -
096446	ND13	With septum	Black	Red rubber with clear PTFE inner side	100	N/A -
096447	ND13	With septum	Black	Silicone with red PTFE inner side	100	N/A -

Chromatography Crimp Top Vials



- In borosilicate glass complying with USP TYPE I and ASTM type I class B
- Also available with a white ceramic marking area
- 40% wider septum opening to reduce the risk of needle damage in autosamplers
- Caps sold separately

Cat. No.	Vol. (ml)	ø x H (mm)	Neck	Colours	Marking area	Units/ box	€/ box
096369	1.5	11.6 x 32	ND11	Transparent	No	100	N/A -
096371	1.5	11.6 x 32	ND11	Transparent	Yes	100	N/A -
096370	1.5	11.6 x 32	ND11	Amber	No	100	N/A -
096372	1.5	11.6 x 32	ND11	Amber	Yes	100	N/A -

Caps ND11 for Crimp Top Vial

Cat. No.	Neck	Type of cap	Colours	Seal	Units/ box	€/ box
096415	ND11	With septum	Silver	Silicone with red PTFE inner side	100	N/A -
096416	ND11	With septum	Silver	Silicone with double-sided red PTFE	100	N/A -
096417	ND11	With septum	Silver	Red rubber with clear FEP inner side	100	N/A -
096418	ND11	With septum	Silver	Red rubber with clear PTFE	100	N/A -
096419	ND11	With septum	Silver	Red rubber with white PTFE	100	N/A -

Chromatography vials with snap caps

- In borosilicate glass complying with USP TYPE I and ASTM type I class B
- Also available with a white ceramic marking area
- Recommended for HPLC applications only
- It is not advisable to use pressurised snap cap vials
- 40% wider opening to reduce the risk of needle damage in autosamplers
- Snap caps are sold separately and do not require a crimper or bottle opener



Cat. No.	Vol. (ml)	ø x H (mm)	Neck	Colours	Marking area	Units/ box	€/ box
096405	1.5	11.6 x 32	ND11	Transparent	No	100	N/A -
096407	1.5	11.6 x 32	ND11	Transparent	Yes	100	N/A -
096406	1.5	11.6 x 32	ND11	Amber	No	100	N/A -
096408	1.5	11.6 x 32	ND11	Amber	Yes	100	N/A -

Caps for ND11 Snap Cap Vials

Cat. No.	Neck	Composition	Cap Type	Seal	Units/ box	€/ box
096415	ND11	Aluminium	With septum	Silicone with red PTFE inner side	100	N/A -
096416	ND11	Aluminium	With septum	Silicone with double-sided red PTFE	100	N/A -
096417	ND11	Aluminium	With septum	Red rubber with clear FEP inner side	100	N/A -
096418	ND11	Aluminium	With septum	Red rubber with clear PTFE inner side	100	N/A -
096419	ND11	Aluminium	With septum	Red rubber with white PTFE inner side	100	N/A -
096430	ND11	PP	With septum	Red rubber with clear PTFE inner side	100	N/A -
096431	ND11	PP	With septum	Silicone with red PTFE inner side	100	N/A -
096432	ND11	PP	Pre-slit septum	Silicone with blue PTFE inner side	100	N/A -
096433	ND11	PP	With septum	Silicone with double-sided red PTFE	100	N/A -

Volume reduction inserts for DN8, ND9 and ND11 necked flasks

Cat. No.	Shape	ø x H (mm)	Volume (ml)	Units/ box	€/ box
096413	Conical	6 x 31	0.1	100	N/A -
096414	Flat bottom	6 x 31	0.2	100	N/A -

Wide neck Chromatography Flasks

- In borosilicate glass complying with USP TYPE I and ASTM type I class B
- Also available with a white ceramic marking area
- Available with round or flat bottoms and with crimped or bevelled necks
- Round-bottomed flasks recommended for high temperature applications
- Thicker glass (1.2 mm) than a conventional chromatography vial (0.9 mm)
- Standard, magnetic or pressure relief plug to keep internal pressure below 3 bar



Caps for ND20 vials

Cat. No.	Neck	Cap Type	Colours	Seal	Units/ box	€/ box
096420	ND20	Standard with A septum	Silver	Grey butyl with natural PTFE inner side	100	N/A -
096422	ND20	Standard with A septum	Silver	Black Butyl	100	N/A -
096424	ND20	Standard with A septum	Silver	Blue silicone with white PTFE inner side	100	N/A -
096427	ND20	Standard with A septum	Silver	Grey butyl with inner side Natural PTFE (PharmaFix)	100	N/A -
096421	ND20	Decompression with A septum	Silver	Grey butyl with natural PTFE inner side	100	N/A -
096423	ND20	Decompression With A Septum	Silver	Black Butyl	100	N/A -
096425	ND20	Decompression with A septum	Silver	Blue silicone with white PTFE inner side	100	N/A -
096426	ND20	Decompression with A septum	Silver	Grey butyl with inner side Natural PTFE (PharmaFix)	100	N/A -
096428	ND20	Magnetic with A septum	Golden	Grey butyl with inner face Natural PTFE	100	N/A -
096429	ND20	Magnetic with A septum	Golden	Blue silicone with white PTFE inner side	100	N/A -

Cat. No.	Vol. (ml)	ø x H (mm)	Neck	Shape	Marking area	Units/ box	€/ box
096373	5	22 x 38.5	ND20	Round bottom, bevelled neck	No	100	N/A -
096374	5	22 x 38	ND20	Flat bottom, bevelled neck	No	100	N/A -
096375	5	20 x 38	ND20	Flat bottom, crimped neck	No	100	N/A -
096376	10	22.5 x 46	ND20	Round bottom, crimped neck	No	100	N/A -
096377	10	22.5 x 46	ND20	Flat bottom, long crimped neck	No	100	N/A -
096378	10	20 x 54.5	ND20	Flat bottom, crimped neck	No	100	N/A -
096379	20	22.75 x 75.5	ND20	Flat bottom, long crimped neck	No	100	N/A -
096380	20	22.75 x 75.5	ND20	Round bottom, long crimped neck	No	100	N/A -
096381	20	22.75 x 75.5	ND20	Round bottom, bevelled neck	No	100	N/A -
096382	20	22.75 x 75.5	ND20	Round bottom, bevelled neck	Yes	100	N/A -

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Chromatography Vials


050509


050512


050508


050522

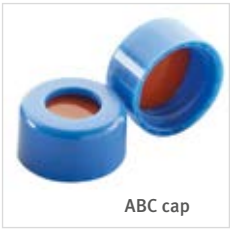

050516


050519


050518


050523


050524


ABC cap


ABC cap


E-Z caps


Snap-on

Standard Crimp vials
- ø x H: 12 x 32 mm
- Borosillicate glass type 1
- For use with 11mm aluminium E-Z caps

Glass vials and ABC caps
- ø x H: 12 x 32 mm
- Wide opening
- Borosillicate glass Type 1
- For use with ABC 9mm screw caps

Plastic and glass vials with insert
- ø x H: 12 x 32 mm
- Made of thermoplastic polymer
- Borosillicate glass Insert 0.1 ml type 1
- Screw caps type 8-425

LVI vials
- ø x H: 12 x 32 mm
- Borosillicate glass type 1
- With 300 µl insert
- Marking area
- For use with ABC 9mm screw caps or 11mm crimp caps

E-Z vials
- ø x H: 12 x 32 mm
- Wide opening
- Borosillicate glass type 1
- For use with Aluminium E-Z caps (050509) and 11mm Snap-on caps (050512)

Crimp Vials

Cat. No.	Volume (ml)	Colour	For cap type	Units/ box	€/ box
050508	1.5	Transparent	E-Z Aluminium, 11 mm	1000	N/A -

E-Z vials

Cat. No.	Vol. (ml)	Colour	For cap type	Units/ box	€/ box
050509	1.8	Transparent	E-Z Aluminium, 11 mm	1000	N/A -
050512	1.8	Transparent	E-Z Aluminium +Snap-On, 11 mm	1000	N/A -

Insert for volume reduction

Cat. No.	Description	Units/ box	€/ box
050513	Glass insert, flat bottom for tube 050512	1000	N/A -

Aluminium E-Z caps, ABC screw-on and Snap-on

Cat. No.	Description	€ 1000 units
050510	E-Z cap with PTFE seal 0.002 / red rubber liner 0.038	N/A -
050511	E-Z cap with PTFE seal 0.002 / silicone liner 0.038	N/A -
050514	Snap-on cap, natural with seal PTFE 0.002 / red rubber septa 0.038	N/A -
050515	Snap-on cap, natural with seal PTFE 0.002 / silicone septa 0.038	N/A -
050517	ABC cap with blue PTFE seal 0.005 / silicone 0.035	N/A -

Glass vials and ABC caps

Chromatography vials in clear or amber borosilicate glass.
ø x H: 12 x 32 mm. Open screw cap in polypropylene with PTFE / silicone septum.

Cat. No.	Vol. (ml)	Colour	Writing area	For cap type	Units/ box	€/ box
050516*	1.8	Transp.	No	ABC screw-in, 9 mm	1000	N/A -

* this reference is sold without a cap.

LVI vials

Cat. No.	Vol. (ml)	Colour	For cap type	Units/ box	€/ box
050518	0.3	Transparent	E-Z Aluminium, 11 mm	100	N/A -
050519	0.3	Amber	E-Z Aluminium, 11 mm	100	N/A -
050523	0.3	Transparent	ABC screw-in, 9 mm	100	N/A -
050524	0.3	Amber	ABC screw-in, 9 mm	100	N/A -

Packs: LVI vials + ABC caps

Cat. No.	Description	€ 100 units
050521	LVI transparent tube + screw cap ABC 9 mm, with red PTFE seal 0.005 / silicone 0.035	N/A -

Plastic and glass vial with insert

Cat. No.	Vol. (ml)	Colour	For cap type	Units/ box	€/ box
050522	0.1	Transparent	Snap-On, 11 mm	100	N/A -

Straight-necked Chromatography Flasks

- In borosilicate glass complying with USP TYPE I and ASTM type I class B
- Supplied with separately packed polyethylene caps





Cat. No.	Volume (ml)	ø x H (mm)	Colours	Units/ box	€/ box
096399	1	8.1 x 40	Transparent	100	N/A -
096401	2	11.6 x 31.5	Transparent	100	N/A -
096403	4	14.7 x 44.5	Transparent	100	N/A -
096400	1	8.1 x 40	Amber	100	N/A -
096402	2	11.6 x 31.5	Amber	100	N/A -
096404	4	14.7 x 44.5	Amber	100	N/A -

Snap-top flasks in soda-lime glass

- Made of soda lime glass, USP type III compliant
- Supplied with LDPE snap caps



Cat. No.	Vol. (ml)	Neck	ø x H (mm)	Colours	Units/ box	€/ box
096384	10	ND18	22 x 45	Transparent	200	N/A -

Scintillation Chromatography Vials

- In borosilicate glass according to USP TYPE I and ASTM type I class A
- Supplied with polypropylene or urea cap
- PP caps consisting of a seal composed of an aluminium disc and a cellulose pulp disc, ideal for applications involving hyrocarbons, oils, ketones or alcohols
- Urea caps made of a conical PE ring with excellent sealing properties



Cat. No.	Vol. (ml)	ø x H (mm)	Colours	Cap Material	Units/ box	€/ box
096409	20	27.5 x 57.5	Transparent	PP	500	N/A -
096410	20	27.5 x 57.5	Transparent	Urea	500	N/A -
096411	20	27.5 x 61 (with cap)	Transparent	PP	500	N/A -
096412	20	27.5 x 61 (with cap)	Transparent	Urea	500	N/A -

Duran® NMR tubes

- Either borosilicate glass 3.3 or 5.1
- High quality
- Downloadable certificate
- Diameter 5 mm
- Length 178 mm



Cat. No.	Version	Frequency (MHZ)	Units/ box	€/ box
096344	Economical - borosilicate glass 5.1	100	100	N/A -
083369	Economical - borosilicate glass 3.3	300	250	N/A -
083877	Professional - borosilicate glass 3.3	400	250	N/A -
083878	Scientific - borosilicate glass 3.3	500	5	N/A -

Accessory

Cat. No.	Description	€
096345	Brush for NMR tube	N/A -

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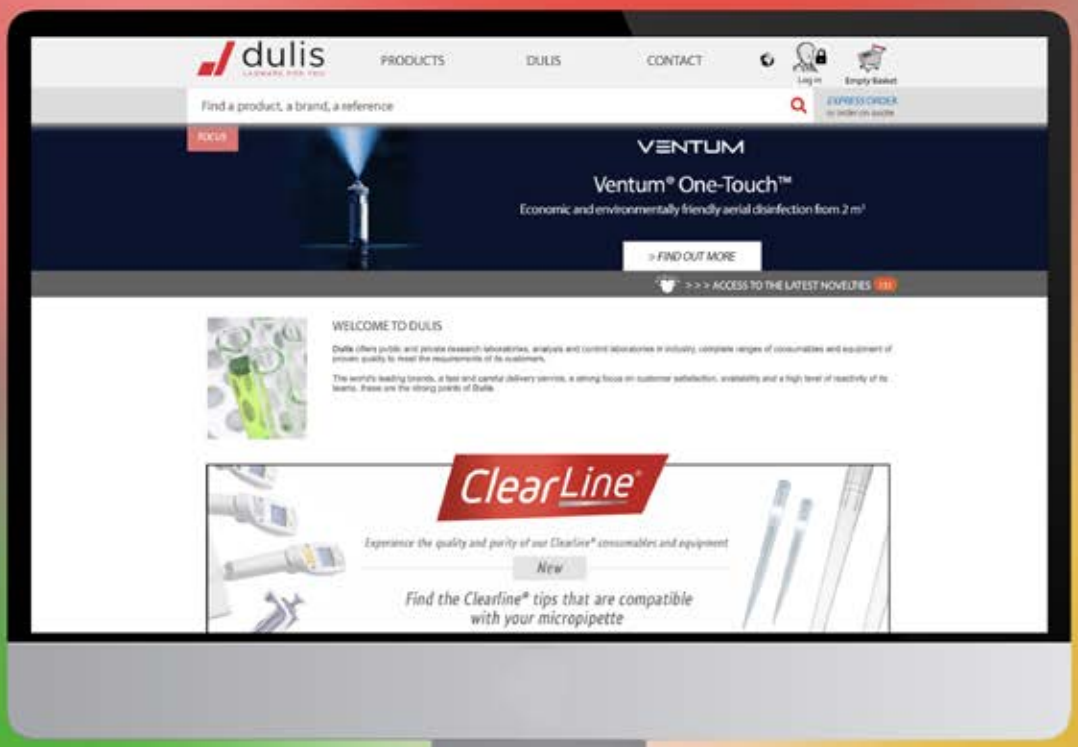
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Boxes with Lid



Cat. No.	Ø x H (mm)	Approx. vol. (ml)	Units/ box	€/ box
080512	60 x 40	75	10	N/A -
080513	80 x 50	175	10	N/A -
080514	100 x 60	325	10	N/A -
080515	150 x 80	1000	10	N/A -

Lightweight Weighing Bottles

- In Pyrex® glass, complies with DIN 12605
- Large marking area
- With ground neck to ensure a tight seal



Cat. No.	Volume (ml)	ø (mm)	Height (mm)	€
761627	8	25	40	N/A -
761630	10	35	30	N/A -
761628	20	30	50	N/A -
761633	20	50	30	N/A -
761629	25	30	60	N/A -
761631	40	35	70	N/A -
761632	60	40	80	N/A -
761634	100	50	80	N/A -

Weighing bottles

With interchangeable NS stopper



- In Duran®Glass
- With lapped seal and white inscription area

Cat. No.	Ø x H (mm)	Neck (NS)	Shape	€
724351B	20 x 40	19/12	High	N/A -
724352B	25 x 40	24/12	High	N/A -
724353B	30 x 50	29/12	High	N/A -
724354B	35 x 50	34/12	High	N/A -
724355B	40 x 50	40/12	High	N/A -
724356B	40 x 65	40/12	High	N/A -
724357B	35 x 70	34/12	High	N/A -
724358B	40 x 80	40/12	High	N/A -
724359B	50 x 80	50/12	High	N/A -
724360B	25 x 25	24/12	Low	N/A -
724361B	40 x 25	40/12	Low	N/A -
724362B	35 x 30	34/12	Low	N/A -
724363B	50 x 30	50/12	Low	N/A -
724364B	60 x 30	60/12	Low	N/A -
724365B	80 x 30	80/12	Low	N/A -

With interchangeable NS cap



Cat. No.	Ø x H (mm)	Neck (NS)	Shape	€
724366B	30 x 30	34/12	Low	N/A -
724367B	38 x 35	40/12	Low	N/A -
724368B	48 x 35	50/12	Low	N/A -
724369	75 x 35	80/12	Low	N/A -
724370B	30 x 50	34/12	Medium	N/A -
724371B	38 x 50	40/12	Medium	N/A -
724372B	48 x 50	50/12	Medium	N/A -
724373	75 x 50	80/12	Medium	N/A -
724374B	30 x 70	34/12	High	N/A -
724375B	38 x 70	40/12	High	N/A -
724376B	48 x 70	50/12	High	N/A -
724377	75 x 95	80/12	High	N/A -

Glass Separating Chamber

Glass Separating Chamber, with or without internal grooves, for maintaining thin-layer chromatography plates For any staining application in a large glass chamber

- With groove
- Knobbed lid

Cat.No.	Groove	CCM Plates size (mm)	€
349301B	Yes	200 x 200	N/A -



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General Purpose Dish



- Made of Pyrex® borosilicate glass
- Can be autoclaved or used in a microwave
- Ideal for many applications: electrophoresis gels, dissection trays, work in a fume hood, etc.

Cat.No.	Capacity (ml)	L x W x H (mm)	€
212561A	2000	228 x 215 x 60	N/A -
212560A	2000	262 x 199 x 57	N/A -
212562A	3500	312 x 232 x 55	N/A -
212563A	4500	366 x 266 x 55	N/A -

Glass jars



- Soda-lime glass
- Ground edges
- Thick-walled

Cat. No..	L x W x H (mm) jars	€
900557	100 x 100 x 100	N/A -
900558	150 x 100 x 100	N/A -
900559	150 x 100 x 150	N/A -
900560	200 x 100 x 100	N/A -
900561	250 x 180 x 220	N/A -
900562	300 x 160 x 160	N/A -
900563	300 x 220 x 240	N/A -
900564	360 x 230 x 260	N/A -

Glass beads



Surface-hardened soda-lime glass beads.

Cat. No..	ø (mm)	€ bag of 1 kg
068499	1	N/A -
068500	2	N/A -
068501	3	N/A -
068502	4	N/A -
068503	5	N/A -
068504	6	N/A -
068505	8	N/A -
068555	10	N/A -

Glass with Stable Base



- Soda-lime glass
- High thickness
- Heavy base for high stability
- Moulded gradations
- Spout

Cat. No.	Capacity (ml)	Base ø (mm)	Upper ø (mm)	Tot. Height. (mm)	Units/ box	€/ box
001738B	60	60	60	105	1	N/A -
001739B	125	65	90	115	1	N/A -
001740B	250	80	100	145	1	N/A -
001741B	500	100	130	190	1	N/A -

Watch glasses



- Soda-lime glass
- Re-burned rims
- Constant thickness

Cat.No.	ø (mm)	Units/ box	€/ box	Cat.No.	ø (mm)	Units/ box	€/ box
001751C	40	10	N/A -	001756C	100	10	N/A -
001752C	50	10	N/A -	001757B	120	10	N/A -
001753C	60	10	N/A -	001758B	140	10	N/A -
001754C	70	10	N/A -	001759B	160	10	N/A -
001755C	80	10	N/A -				

Sprayers for CCM



- Connection between the spray head and the with a screw ring with seal
- Autoclavable
- Minimum pressure 0.07 kg/cm^2 (1 psi)
- Optimum pressures between 0.21 - 0.35 kg/cm^2 (3-5 psi)

Cat. No.	Vol. (ml)	Seal	H x Ø (mm)	€
290249	25	19/22	147 x 40	N/A -
057514	50		174 x 50	N/A -
290250	125		204 x 65	N/A -
045654	250	24/40	229 x 85	N/A -
290251	500		273 x 105	N/A -

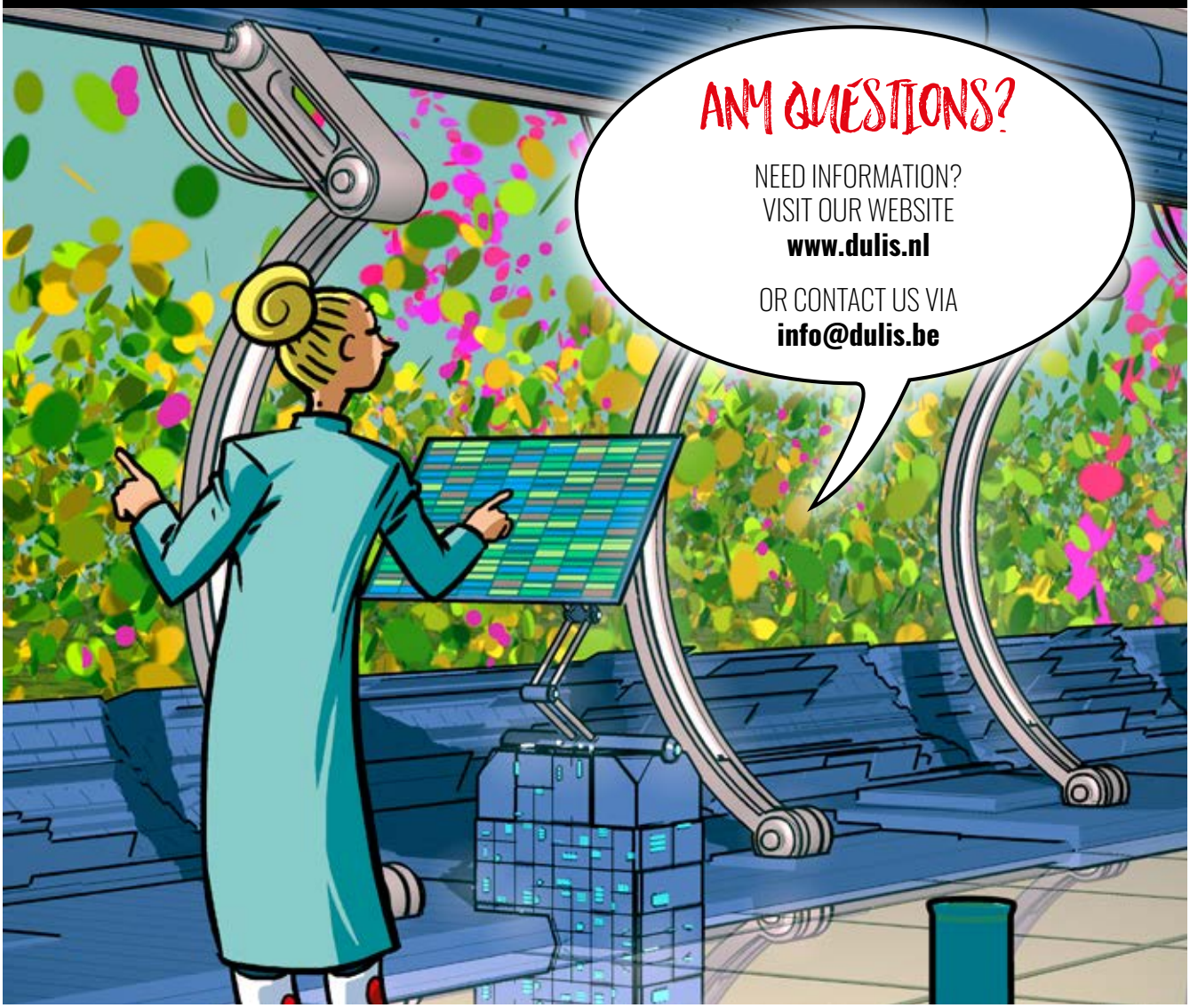
Soda-lime Glass Dressing Jars



Soda-lime Glass Dressing Jars.
With loosely overlapping glass cover with knobbed lid

Cat.No.	Height (mm)	ø (mm)	€
140689	100	100	N/A -
140690	120	120	N/A -
140691	150	150	N/A -
140692	200	200	N/A -

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AN EXTRAORDINARY ADVENTURE



HEALTH AND SAFETY

- PERSONAL PROTECTION: PROTECTIVE EQUIPMENT

Disposable laboratory gloves	
SHIELD SCIENTIFIC	1112 to 1115
KIMTECH / KLEENGUARD	1116 to 1119
MAPA	1120 and 1121
MICROFLEX	1122
SHOWA	1123 and 1124
ANSELL	1126
SEMPERGUARD	1127
ULMA	1127 and 1128
ANSELL HEALTHCARE examination/surgical gloves	1129 and 1130
Various examination gloves	1131 and 1132
Latex / Vinyl Fingers	1132
Household/cleaning gloves	1133 and 1134
Chemical protective gloves	1135 to 1137
Knitted, silk, cotton, mittens gloves and undergloves	1138
Mechanical protection gloves	1139 to 1141
Thermal protection gloves hot/cold	1142 to 1145
Respiratory protection: masks, half masks	1146 to 1154
Eye protection: glasses, masks, shields	1155 to 1162
Hearing protection: earmuffs, earplugs	1162 to 1164

- PERSONAL PROTECTION : PROTECTIVE CLOTHING

Mob caps, beard protector	1165
Sleeves	1165 and 1166
Clogs, shoes and overshoes	1166 to 1169
Coveralls, lab coats, aprons	1170 to 1185

- PERSONAL PROTECTION : PHARMACY, FIRST AID

Dressings, cotton wool, compresses, swabs, eyewash, first aid kits, medicine cabinets	1186 to 1191

AN EXTRAORDINARY ADVENTURE



HEALTH AND SAFETY

• IDENTIFICATION, PROTECTION, WASTE MANAGEMENT	
samples	
Sample bags, zip lock bags, Whirl-Pak bags	1192 to 1196
Transport of samples: bags, transport kits UN	1197 to 1199
disposal, waste management	
Bags and sachets, sample transport	1200 to 1207
Chemical and radioactive absorbents	1208 and 1209
Safety bottles and funnels	1210 to 1212
Waste containers, DASRI waste boxes	1213 to 1215
Packaging : aluminium, stretch film, Parafilm, sealing tapes	1216 to 1218
Wiping	1219 to 1226
Dispensers, holders	1227 and 1228
Marking, labelling	
Markers, pens, laboratory notebooks	1228 to 1232
Labels and printers	1232 to 1261
Bench protectors: paper, mats, radioactivity protectors	1262 to 1271
Sterilisation	1272 to 1275
• CLEANING	
Brushes	1276
Detergents and disinfectants for dishes and instruments	1276 to 1284
Soaking trays	1284
Decontaminants RNase, DNAse, incubator and bath disinfectants	1285 to 1287
Deodorants	1287
Detergents and disinfectants for surfaces, equipment and floors	1288 to 1295
Airborne disinfectants	1296
Hand cleaners and care :	
soaps, hydroalcoholic solutions, creams	1296 to 1302
• FURNITURE	
Safety cabinets	
Corrosive and flammable products cabinets, safety cabinets	1304 to 1314
Trolleys	1316 and 1317
Storage shelves	1318
Stainless steel furniture	1319
Laboratory furniture and cabinets	1320 to 1324
Seats	1325 to 1331

Hand protection - what solutions?
An ALL-IN-ONE glove is a need expressed by anyone working in a laboratory:
"I need a glove that is comfortable, protects against all types of aggression and at low cost".

At Dulis, we believe that the use of several gloves is unavoidable in order to deal with the various risks and to guarantee the well-being and safety of users (while preserving laboratory budgets!) by relying on a simple technical point: the thicker and longer the glove, the better protected you are!

››› Standards and Regulations - How to find your way around?

Regulation, legislative framework

• Obligations of the employer:

The **89/656/EEC Directive** sets out the employer's obligations to protect his staff. Identification of risks and protective solutions to be implemented through the Single Document.

• Obligations of the manufacturer (CE label):

Depending on the activity and end use of the gloves, there are several options for manufacturers:

- **93/42/EEC Directive: Medical Devices (MD) /** intended for the protection of the patient. These gloves are usually called examination gloves. This is a self-certification by the manufacturer.
- **EU 2016/425 Regulation: Personal Protective Equipment (PPE)** Designed to protect personnel against chemical and biological risks. Since April 2018 this regulation replaces Directive 89/686/EEC.

There are 3 categories of PPE

- **PPE Category I - Minor Risk** - Simple CE marking, must be used for low risk handling. This is a self-certification by the manufacturer.
- **PPE Category II - Intermediate Risk**
- **PPE Category III - Risk of death or irreversible effects - Specific CE marking** Specific CE marking. Protection against chemical and biological risks. The manufacturer must be audited by a Notified Person (NP) identified by 4 digits:
  0120 = SGS; 0493 = CENTEXBEL; 0134 = SATRA

››› Standards set a consensus for measuring product performance

The following standards are applicable to single-use gloves:

Medical Device (MD) Standards

The **eN-455** standard allows the performance of examination gloves to be measured and compared between them:

EN 455-1:2001: Statistical leakage test - AQL 1.5 (Acceptable Quality Level)

EN 455-2:2015: Definition of physical characteristics such as length and height

- The minimum length of an examination glove is 24 cm regardless of size
- Sizes are expressed in letters from XS to XL

EN 455-3:2015: Biological assessment (measurement of protein levels in latex gloves)

Personal Protective Equipment (PPE) Standards

The **EN 420:2003+A1:2009** standard defines the general requirements for protective gloves.

- The minimum length of a glove varies according to size, from 22cm (T6) to 27cm (T11)
- Sizes are expressed in numbers from 6 to 11
- If a glove is shorter than the standard, it must be explicitly stated on the packaging as "suitable for special applications"

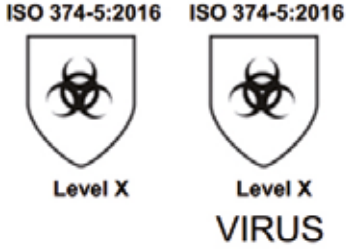
The **ISO 374 standard** defines a methodology for measuring protection against **chemical and biological hazards**.

Choice of materials some general guidelines

	LATEX	NITRILE
FORCES	Elasticity Comfort Biological barrier Natural product Price	Biological Barrier Chemical Barrier Price stability Comfort (less hot)
WEAKNESSES	Allergies type I and IV Chemical Barrier Price instability Fragility	Allergies Type IV Elasticity Synthetic product Price

ISO 374-5:2016: Biological risk assessment Determination of resistance to micro-organisms (AQL) and viral penetration

ISO 374-5: 2016 (replaces the former EN 374-2:2003)



The **EN 374-2:2014 standard** remains to demonstrate the effectiveness of the bacteria and fungi resistance.
Water or air tightness test (AQL level).
There are three levels of performance:
Level 1: AQL 4.0
Level 2: AQL 1.5
Level 3: AQL 0.65 (best guarantee of tightness).

The **ISO 16604:2004 procedure B** standard, determining the penetration resistance by blood-borne pathogens (Phi-X 174), is incorporated into the biohazard assessment; gloves meeting the standard are labelled "virus" under the biohazard pictogram.

ISO 374-1:2016: Chemical risk assessment - terminology and performance requirements

ISO 16523-1:2015 and EN 374-4:2013



Permeation test:
EN 16523-1:2015
There are 18 chemicals tested (A to T); they are classified according to 3 types of performance levels:
-TYPE A: withstand more than 30 minutes (Level 2), 6/18 test chemicals
- **TYPE B**: withstand more than 30 minutes (Level 2), 3/18 test chemicals
- TYPE C: withstand more than 10 minutes (Level 1), 1/18 test chemicals

The chemical degradation test becomes mandatory (EN 374-4:2013): a needle stick resistance test is performed after prolonged exposure to the chemical substance. The result is expressed in % (the lower the %, the better the glove's resistance)

OLD STANDARD: EN 374-1:2003



The **"chemical resistant"** pictogram refers to the identification letters of 3 chemicals (from a predefined list of 12 standard chemicals A to L) for which a minimum breakthrough time of 30 minutes (level 2) has been achieved.



The pictogram **"low chemical resistance"** or or "waterproof" should be used for gloves that have not demonstrated a breakthrough time of at least 30 minutes, for at least three of the predefined chemicals, but have passed the penetration test (EN 374-2 level 2).

Multi-purpose gloves can also meet other standards, such as for mechanical and thermal protection.

Substances tested:

Identification letter	Chemical substance	CAS number	Type
A	Methanol	67-56-1	Primary alcohol
B	Acetone	67-64-1	Ketone
C	Acetonitrile	75-05-8	Nitrile compound
D	Dichloric methane	75-09-2	Chlorinated paraffin
E	Carbon sulphide	75-15-0	Sulphide containing an organic compound
F	Toluene	108-88-3	Aromatic hydrocarbon
G	Diethylamine	109-89-7	Heterocyclic etheric compound
H	Tetrahydrofuran	109-99-9	Heterocyclic etheric compound
I	Ethyl acetate	141-78-6	Ester
J	n-heptane	142-82-5	Saturated hydrocarbon
K	Caustic soda 40%	1310-73-2	Inorganic base
L	Sulphuric acid 96%	7664-93-9	Inorganic mineral acid
M	Nitric acid 5%	7697-37-2	Inorganic mineral acid, oxidising
N	Acetic acid 99%	64-19-7	Organic acid
O	Ammonium hydroxide 25%.	1336-21-6	Organic base
P	Hydrogen peroxide 30%	7722-84-1	Peroxide
S	Hydrofluoric acid 40%	7664-39-3	Inorganic mineral acid
T	Formaldehyde 37%	50-00-0	Aldehyde

Permeability: each of the chemicals tested is ranked according to the breakthrough time (performance levels 0-6).

Observed transit time	Protection index	Observed transit time	Protection index
10 minutes	Class 1	120 minutes	Class 4
30 minutes	Class 2	240 minutes	Class 5
60 minutes	Class 3	480 minutes	Class 6

WHAT IS A MECHANICAL PROTECTION GLOVE?

The "mechanical risks" pictogram is accompanied by a 4-digit code, according to EN 388:2003. EN 388:2016 standard introduces two new factors (E and F) to measure the mechanical strength of gloves according to EN ISO 13997. In all cases, 0 indicates the lowest level of performance.



Tests	Performance levels					
	0	1	2	3	4	5
A. Abrasion resistance (cycles)	< 100	100	500	2000	8000	-
B. Blade cut resistance (factor)	< 1.2	1.2	2.5	5.0	10.0	20.0
C. Tearing resistance (Newton)	< 10	10	25	50	75	-
D. Puncture resistance (Newton)	< 20	20	60	100	150	-
	Performance levels					
	A	**B**	**C**	**D**	**E**	**F**
E. Cut resistance according to ISO standard (Newton)	2	5	10	15	22	30
F. Impact protection according to EN standard	Success (P) or failure (no marking)					

Level X: the test is not applicable or the glove has not been tested.

WHAT IS A THERMAL-HOT PROTECTION GLOVE?

The standard EN 407: 2004 defines the requirements and test methods against thermal, heat and/or fire hazards. The pictogram is accompanied by 6 numbers illustrating the level of protection: index from 0 to 4.



Tests	Performance levels				
	0	1	2	3	4
A. Flammability /fire behaviour resistance: flame persistence time (s.), the time during which the material remains ignited and then continues to burn after the source of ignition has been removed		≤ 20 s	≤ 10 s	≤ 3 s	≤ 2 s
B. Contact heat resistance: temperature at which the wearer of the gloves will not feel any pain for a period of at least 15 s.		100 °C	250 °C	350 °C	500 °C
C. Convective heat resistance: heat transfer in seconds, time during which the glove is able to delay the heat transfer of a flame		≥ 4 s	≥ 7 s	≥ 10 s	≥ 18 s
D. Radiant heat resistance: heat transmission in seconds, the time during which the glove is able to delay heat transfer when exposed to a radiant source		≥ 5 s	≥ 30 s	≥ 90 s	≥ 150 s
E. Resistance to small splashes of molten metal: amount of molten metal required to achieve a temperature rise of 40 °C (number of drops)		≥ 5	≥ 15	≥ 25	≥ 35
F. Resistance to large splashes of molten metal: mass (g) of molten metal required to cause a superficial burn		≥ 30 g	≥ 60 g	≥ 120 g	≥ 200 g

Level X: the test is not applicable or the glove has not been tested.

WHAT IS A THERMAL PROTECTION GLOVE - COLD ?

The EN 511 standard applies to all gloves that protect the hands against convective and contact cold down to -50 °C. The pictogram "risk by cold" is accompanied by a 3-digit number.



Tests	Performance levels					
	0	1	2	3	4	5
A. Convective cold resistance: cold transfer by convection (thermal insulation in m², °C/W)		≥ 0.10	≥ 0.15	≥ 0.22	≥ 0.30	-
B. Contact cold resistance: thermal resistance when in contact with a cold object (in m², °C/W)		≥ 0.025	≥ 0.050	≥ 0.100	≥ 0.150	-
C. Water permeability after 30 min. exposure	Water penetration	No water penetration	-	-	-	

Level X: the test is not applicable or the glove has not been tested.

Sources: shieldscientific.fr and ansell.fr

All prices are indicative and exclude VAT. Visit www.dulis.nl

Only the use of several gloves will effectively protect you from the various risks encountered in the laboratory.
SHIELD Scientific presents a simple, three-colour system to make your choice easier:

SHIELDskin CHEM™

HIGH CHEMICAL RISKS
Double-layered, bi-material gloves, meeting chemical risk standards: protection without ignoring comfort.

SHIELDskin™

HIGH BIOLOGICAL RISKS
Gloves that meet biohazard standards.
Maximum safety for both the user and his handling.

ecoSHIELD™

RISKS IN EVERYDAY LIFE
Latex or nitrile gloves, the thickest of the thin gloves on the market. Designed for everyday use, they meet the latest PPE standards. A special effort to respect the environment has been made in the manufacture and packaging of EcoSHIELD gloves.

WEB
Enter the Cat. No. on dulis.nl to find the chemical resistance guide

SHIELDSkin CHEM™ and SHIELDskin™ Gloves

- PPE Category III according to Regulation EU/2016/425
- DM class I according to Directive 93/42/EEC
- Complies with the EN 420:2003 standard, which defines, among other things, the size of the gloves and the minimum lengths for good protection of the wearer
- Powder-free, chlorination and multiple washings
- Ambidextrous
- Assessed for biological risk according to ISO 374-5:2016 and EN 374-2:2014
- Virus resistant: ISO 16604:2004 procedure B
- Assessed for chemical risk according to ISO 374-1:2016, EN 16523-1:2015 and EN 374-4:2013
- Extensive chemical resistance database available at www.shieldscientific.fr

SHIELDskin CHEM™ NEO NITRILE™ Gloves 300 mm

The 1st glove for chemical protection!



- Bi-materials: nitrile/neoprene bilayer (white inside, red outside), TwinSHIELD™ double dip technology
- Length 300 mm; palm thickness: 0.31 mm
- Biohazard: AQL 0.25 above standard - level 3
- Chemical risk: Type A (AJKLNPT)

XS/6	S/7	M/8	L/9	XL/10	XXL/11	Units/ box	€/ box
065809	065810	065811	065812	065813	065814	40	N/A -

SHIELDskin™ ORANGE NITRILE™ Gloves 260, 300 mm and 300 mm sterile



* except SHIELDSkin Orange Nitrile Sterile

- Bi-materials: nitrile/neoprene bilayer (white interior, orange exterior), TwinSHIELD™ double dip technology
- No vulcanisation accelerator to limit allergic phenomena
- Length 260 or 300 mm; palm thickness: 0.14 mm
- RNase/DNase free certified sterile version
- Biohazard: AQL 0.25 above standard - level 3
- Chemical hazard: type B (JKPT)
- Resistance to cytotoxics
- ESD: anti-electrostatic properties (EN 1149-1 to 5)

SHIELDskin™ ORANGE NITRILE™ Gloves 260 mm

Size	XS/6	S/7	M/8	L/9	XL/10	Units/ box	€/ box
Cat. No.	065700	065701	065702	065703	065704	90	N/A -

SHIELDskin™ ORANGE NITRILE™ Gloves 300 mm

Size	XS/6	S/7	M/8	L/9	XL/10	Units/ box	€/ box
Cat. No.	065705	065706	065707	065708	065709	50	N/A -

SHIELDskin™ ORANGE NITRILE™ Gloves, sterile, 300 mm - RNase and DNase free

Size	XS/6	S/7	M/8	L/9	XL/10	Pairs/ box	€/ box
Cat. No.	065748	065749	065750	065751	065752	20	N/A -

The ecoSHIELD™ gloves have been designed to meet the daily requirements of laboratories: protection, comfort and economy. ecoSHIELD™ is an optimised solution for both users and our environment.

Eco-PACKAGING
- Packaging made from recycled cardboard only
- The ink used is free of all heavy metals
- Reduction of more than 60% of printing on packaging

GOGREEN

Eco-LOGISTICS
- Reduction of storage space: by 50
- Air transport, 10 times more polluting than land transport, is not used for the delivery of ecoSHIELD™ gloves
- Less packaging per quantity of gloves
- Optimised production
- Lean logistics

EcoSHIELD™ Gloves PF 250

- **PPE category III according to the EU/2016/425 regulation**
- **Complies with the EN 420:2003 standard, which defines, among other things, the size of the gloves and the minimum lengths for good protection of the wearer**
- **Powder-free, simple chlorination and washing**
- **Assessed for biological risk: assessed according to ISO 374-5:2016 and EN 374-2:2014**
- **Virus resistant: ISO 16604:2004 procedure B**
- **Assessed for chemical risk according to ISO 374-1:2016, EN 16523-1:2015 and EN 374-4:2013**

EcoSHIELD™ Eco Nitrile PF 250 Gloves



- **Dual-layer nitrile (white inside, green outside)**
- **Ambidextrous: TwinSHIELD™ technology**
- **Length 250 mm (size XL/10 = 260 mm); palm thickness: 0.10 mm**
- **Biohazard: AQL 0.25 (above standard) - level 3**
- **Chemical risk: Type B (KPT)**

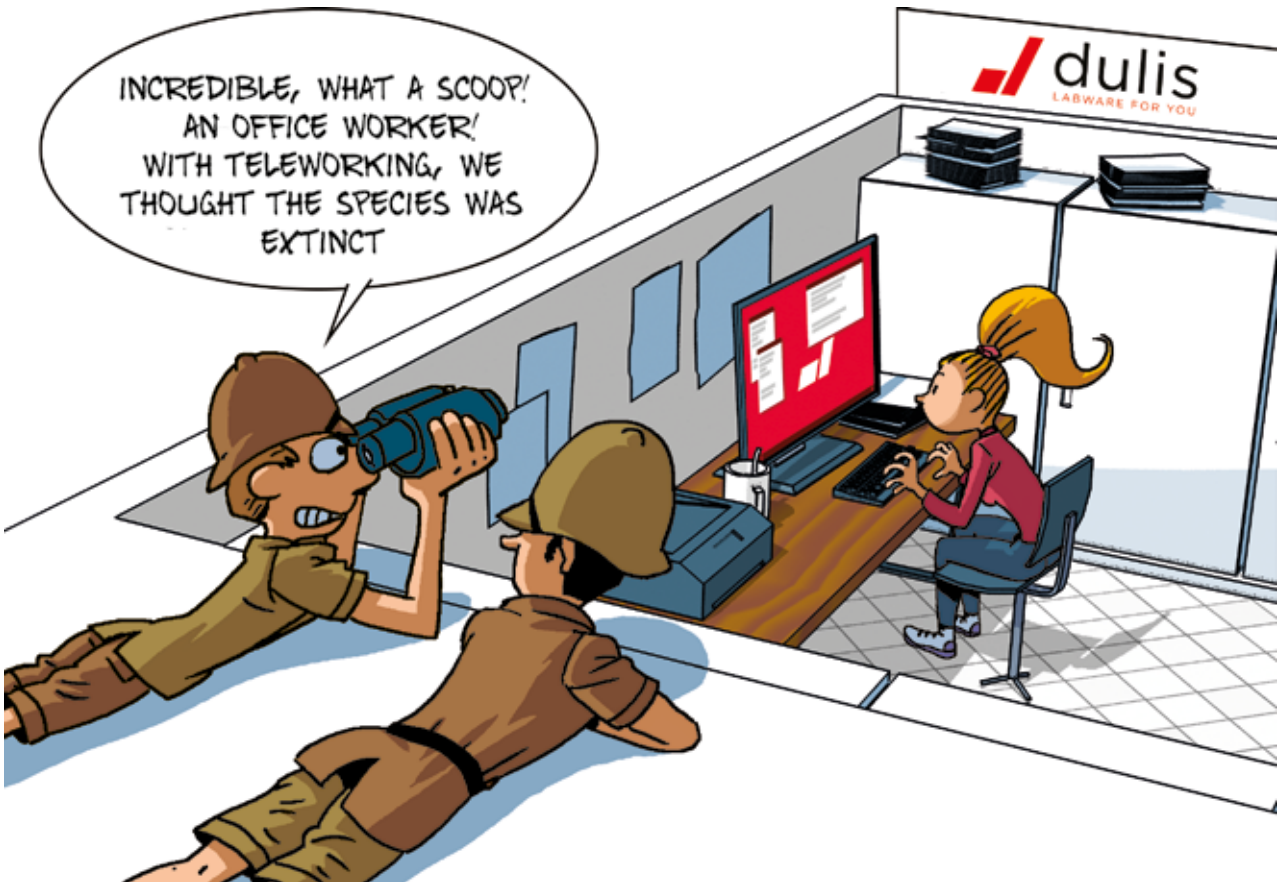
Size	XS/6	S/7	M/8	L/9	XL/10	Units/ box	€/ box
Cat. No.	065744B	065745B	065746B	065747B	065825B	150	N/A -

EcoSHIELD™ Eco Latex PF 250 Gloves



- **100% latex - natural; latex allergy: protein level ‹ 30 µg/ G (EN 455-3:2015)**
- **Length 250 mm (size XL/10 not available); palm thickness: 0.12 mm**
- **Biohazard: AQL 0.65 - level 3**
- **Chemical risk: TYPE B (KPT)**

Size	XS/6	S/7	M/8	L/9	Units/ box	€/ box
Cat. No.	065789	065790	065791	065792	100	N/A -



duoSHIELD™ DOUBLE RISK MINOR RISKS

DuoSHIELD™ gloves offer a good compromise and cost designed to meet the minimal risk needs of laboratory technicians. They are to be reserved for dirty work, which does not present any particular danger or simply to protect the patient (the primary purpose of a medical device). "DUO" refers to the registration of these gloves as medical devices (MD) and personal protective equipment (PPE).

Dual-registered gloves

- Class I Medical Devices according to Directive 93/42/EEC and PPE Category III according to Regulation EU/2016/425 (Directive 89/686/EEC for PFT Nitrile 240 mm)
- Length according to EN 455-2: 2015*
- Assessed for biological risk (AQL) according to EN455-1:2000, ISO 374-5:2016 and EN 374-2:2014
- Assessed for chemical risk according to ISO 374-1:2016, EN 16523-1:2016 and EN 374-4:2014

DuoSHIELD™ ICE NITRILE™ Gloves 240 mm



- 100% SuperSoft Nitrile - blue
- Powder-free, simple chlorination and washing
- Length 240 mm*, palm thickness: 0.11 mm
- Biohazard: AQL 1.5 - level 2
- Chemical risk: Type B (KPT)

Size	XS/6	S/7	M/8	L/9	XL/10	Units/ box	€/ box
Cat. No.	065735	065736	065737	065738	065739	100	N/A -

DuoSHIELD™ PFT latex Gloves 240 mm



- 100% latex - natural
- Textured finish
- Powder-free, simple chlorination and washing
- Length 240 mm*, palm thickness: 0.11 mm
- Latex allergy: protein level below 30 µg/g (455-3:2015)
- Biohazard: AQL 1.5 - level 2
- Chemical risk: Type B (KPT)

Size	XS/6	S/7	M/8	L/9	XL/10	Units/ box	€/ box
Cat. No.	065730	065731	065732	065733	065734	100	N/A -

DuoSHIELD™ LPS Latex Gloves 240 mm



- 100% latex - natural
- Latex allergy: protein level below 200 µg/g (455-3:2015)
- Lightly powdered, smooth finish
- Length 240 mm*, palm thickness: 0.11 mm
- Biohazard: AQL 1.5 - level 2
- Chemical risk: Type B (KPT)

Size	XS/6	S/7	M/8	L/9	XL/10	Units/ box	€/ box
Cat. No.	065720	065721	065722	065723	065724	100	N/A -

DuoSHIELD™ PFT Nitrile Gloves 240 mm



- DM class I (93/42/EEC) / EPI Cat. III (Directive 89/686/EEC)
- Powder-free nitrile, latex-free, white
- Rolled edge cuffs, textured ends
- Palm thickness: 0.06 mm, length 240 mm*
- Biohazard: AQL 0.65 - level 3
- Virus resistant: according to ISO 374-5:2016 and ISO 16604:2004 procedure B
- Chemical risk: Type C (KT)
- Certified for food contact

Size	XS/6	S/7	M/8	L/9	XL/10	Units/ box	€/ box
Cat. No.	065906	065907B	065908	065909	065910B	200	N/A -

* In accordance with EN 455-2:2015. PPE: suitable for special applications.
Sizes L/9 and XL/10 have a shorter length (240 mm) than the minimum length required by EN 420:2003 (250 mm and 260 mm) for PPE.

SHIELDskin XTREME™

PROCESS RISKS
PRODUCT PROTECTION

SHIELDskin XTREME™ is a range designed for use in controlled atmosphere areas (cleanrooms).
It is organised into 3 product categories, depending on the degree of cleanliness: from "DI" for the least clean to "DI++" for the most demanding.
In addition to protecting the product/process, all these gloves meet the latest PPE category III standards to protect the operator. Finally, the range offers a wide variety of materials, lengths, sterile and non-sterile. Please contact us for any other glove in the range not shown in the catalogue.

SHIELDskin XTREME™ Gloves

- PPE category III according to the EU/2016/425 regulation
- Complies with the EN 420:2003 standard, which defines, among other things, the size of the gloves and the minimum lengths for good protection of the wearer
- Powder-free, chlorination, multiple washings
- Assessed for biological risk: according to ISO 374-5:2016 and EN 374-2:2014
- Assessed for chemical risk according to ISO 374-1:2016, EN 16523-1:2015 and EN 374-4:2013

The number of de-ionised water washes is the major differentiator in terms of ultra-cleanliness:

Range	Procedure	Benefits
SHIELDskin XTREME™ DI	Single wash with de-ionised water	- Most economical option / - Typical particle level ≥ 0.5 µm: ‹ 3000 per cm²
SHIELDskin XTREME™ DI+	Triple wash with de-ionised water	- Typical level of particles ≥ 0.5 µm: ‹ 950 per cm²
SHIELDskin XTREME™ DI++	Multiple washings with de-ionised water	- Typical level of particles ≥ 0.5 µm: ‹ 650 per cm²

SHIELDskin XTREME™ Sterile Latex 300 DI Gloves



- 100% latex - natural - anatomical shape
- Sterile
- Length 300 mm, palm thickness: 0.14 mm
- Latex allergy: protein level below 50µg/ g (EN 455-3:2006)
- Biohazard: AQL 1.5 - Level 2
- Virus resistant: ISO 374-5:2016 and ISO 16604:2004 procedure B
- Chemical risk: Type B (KPT)
- Packed per pair, 20 pairs/PE bag

Size	XS/6	S/7	M/8	L/9	XL/10	Pairs/ bag	€/ bag
Cat. No.	065783	065784	065785	065786	065787	20	N/A -

SHIELDskin XTREME™ Bright Latex 300 DI+ Gloves



- 100% latex - natural - anatomical shape
- Latex allergy: protein level below 50µg/ g (EN 455-3:2006)
- Length 300 mm, palm thickness: 0.14 mm
- Biohazard: AQL 1.5 - Level 2
- Virus resistant: ISO 374-5:2016 and ISO 16604:2004 procedure B
- Chemical hazard: type B (KPT)
- Packaging: 100 gloves / double PE bag

Size	XS/6	S/7	M/8	L/9	XL/10	XXL/11	Units/ bag	€/ bag
Cat. No.	065777	065778	065779	065780	065781	065782	100	N/A -

SHIELDskin XTREME™ ECO NITRILE 300 DI+ Gloves

- 100% nitrile - white
- Length: 300 mm; palm thickness: 0.10 mm
- Biohazard: AQL 1.5 – level 2
- Anti-electrostatic properties: ESD test according to EN 1149-1-2-3 & 5
- Chemical hazard: type B (KPT)
- Packaging: 100 gloves / double PE bag



Size	XS/6	S/7	M/8	L/9	XL/10	XXL/11	Units/ bag	€/ bag
Cat. No.	065874B	065875B	065876B	065877B	065878B	065879B	100	N/A -

SHIELDskin XTREME™ White NITRILE 300 Gloves

- 100% nitrile - white
- Length 300 mm
- Anti-electrostatic properties: ESD test according to EN 1149-1-2-3 & 5
- Biohazard: AQL 1.5 - Level 2
- Chemical hazard: type B (KPT)
- Packaging: 100 gloves / double PE bag

SHIELDskin XTREME White NITRILE 300 DI GLOVES

- Palm thickness (mm): 0.13

SHIELDskin Xtreme NITRILE 300 DI++ GLOVES

- Palm thickness (mm): 0.14



SHIELDskin XTREME™ White Nitrile 300 Gloves

Size	XS/6	S/7	M/8	L/9	XL/10	XXL/11	Units/ bag	€/ bag
SHIELDskin XTREME™ White Nitrile 300 DI Gloves								
Cat. No.	065753	065754	065755	065756	065757	065758	100	N/A -
SHIELDskin XTREME™ White Nitrile 300 DI++ Gloves								
Cat. No.	065765	065766	065767	065768	065769	065770	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

KIMTECH™ Prizm and Prizm Xtra Gloves



VIRUS JKLMPT

Made of multi-layer nitrile-neoprene for enhanced chemical protection.
For high-risk laboratory applications: biotechnology, pharmaceutical industry, research.
Ultra-grippy end: non-slip in wet or dry conditions.

- PPE Cat. III according to Regulation EU 2016/425
- Chemical protection: type A (JKLMPT) according to ISO 374-1:2016
- Protection against viruses and micro-organisms according to ISO 374-5:2016
- AQL 0.65
- Resistance to many cytotoxic drugs
- Thickness (palm): 0.16 mm
- Dark purple and magenta: mechanical fracture indicator

Prizm gloves: 240 mm cuff

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	002316	002317	002318	002319	002320*	100	N/A -

* Size XL: 90 gloves/box

Prizm XTRA gloves: 300 mm long cuff

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	002311	002312	002313	002314	002315	50	N/A -

KIMTECH™ PURPLE NITRILE™ and PURPLE NITRILE™ XTRA™ Gloves



VIRUS JKT

- 100% nitrile, latex-free, eliminates all Type I allergy risks
- Undetectable chemical agents: significantly reduces the risk of Type IV allergies
- Excellent chemical and mechanical resistance, resistance to cytotoxic products and B.E.T.
- Certified PPE Cat. III according to Regulation (EU) 2016/425
- Certified to EN ISO 374-1:2016 Type B (JKT), limited protection against chemical splashes
- ISO 374-5:2016 Protection against micro-organisms and viruses
- AQL: 0.65
- Purple
- Powder-free, smooth finish, textured fingertips
- Antistatics
- Rolled edge cuff
- Thickness: 0.14 mm in the palm

Kimtech™ Purple Nitrile™ Gloves

- Standard length 240 mm (250 mm for sizes L and XL)

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	038820	038821	038822	038823	038824*	100	N/A -

* box of 90

Kimtech™ Purple Nitrile™ Xtra™ Gloves: special for culture, long sleeves

- Length 300 mm

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	038825	038826	038827	038828	038829	50	N/A -

KIMTECH™ STERLING™ NITRILE and STERLING™ NITRILE XTRA™ Gloves



K-LOW CHEMICALS

Practical: box of 150 gloves for the 240 mm length or 100 gloves for the 300 mm length!
Space saving of 33% and waste reduction of 40%.

- 100% nitrile free of latex proteins: eliminates any potential risk of Type I allergy
- Great dexterity, great comfort
- Certified PPE Cat. III according to Regulation (EU) 2016/425
- ISO 374-1:2016 Type C (K) against chemical splashes
- ISO 374-5:2016 Protection against micro-organisms and viruses
- AQL: 0.65
- Colour: light grey
- Powder-free, smooth finish, textured fingertips
- Antistatics
- Rolled edge cuff
- Thickness: 0.08 mm in the palm



Gants KIMTECH™ Sterling™ Nitrile Xtra™ (long cuff)

- Length: 300 mm

Size	XS	S	Units/ box	€/ box
Cat. No.	040437	040438	100	N/A -

KIMTECH™ Sterling™ Nitrile Gloves

- Standard length: 240 mm (250 mm for size XL)

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	040132	040133	040134	040135	040136*	150	N/A -

* box of 140

KIMTECH™ GREEN NITRILE Gloves

Significantly reduces space and waste by 60%: 250 gloves per box.

- Latex-free acrylonitrile butadiene: reduces the potential risk of Type I allergy
- PPE Cat. III according to Regulation (EU 2016/425)
- ISO 374-5:2016 Protection against micro-organisms and viruses
- ISO 374-1:2016 Type C (K) against chemical splashes
- AQL: 0.65
- Colour: green
- Powder-free, smooth finish, textured fingertips
- Rolled edge cuff
- Thickness: 0.06 mm in the palm
- Length: 240 mm (250 mm for sizes L and XL)



Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	040392	040393	040394	040395	040396*	250	N/A -

* box of 225

KIMTECH™ BLUE NITRILE Gloves

Latex-free acrylonitrile butadiene: reduces the potential risk of type I allergy.

- PPE Cat. III according to Regulation (EU 2016/425)
- ISO 374-5:2016 Protection against micro-organisms and viruses
- AQL: 1.5
- Colour: blue
- Powder-free, smooth finish
- Rolled edge cuff
- Thickness: 0.12 mm in the palm
- Length: 240 mm (250 mm for sizes L and XL)



Size	S	M	L	XL	Units/ box	€/ box
Cat.No.	038849	038850	038851	038868*	100	N/A -

* box of 90

KIMTECH™ Natural Latex Gloves

- PPE Cat. III according to Regulation (EU 2016/425)
- Natural latex, protein < 50 µg/g
- Rolled edge cuff
- ISO 374-5:2016 Protection against micro-organisms and viruses
- ISO 374-1:2016 Type C (K) against chemical splashes
- AQL: 1.5

K-LOW CHEMICALS

KIMTECH™ PFE Latex Gloves

- Length: 240 mm (250 mm for sizes L and XL)
- Thickness: 0.15 mm in the palm
- Powder-free, fully textured finish for excellent wet and dry grip



Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	038847	038806	038807	038808	038809*	100	N/A -

* box of 90

KIMTECH™ PFE-Xtra Latex Gloves: long cuffs

- Length: 300 mm
- Thickness: 0.15 mm in the palm
- Powder-free, fully textured finish for excellent wet and dry grip



Size	S	M	L	XL	Units/ box	€/ box
Cat.No.	038816	038817	038818	038819	50	N/A -

KIMTECH™ Satin Plus Latex Gloves

- Length: 240 mm (250 mm for sizes L and XL)
- Thickness: 0.15 mm in the palm
- Powder-free, smooth finish



Size	XS	S	M	XL	Units/ box	€/ box
Cat. No.	038810	038811	038812	038814*	100	N/A -

* box of 90



See glove box holders page 1228

All prices are indicative and exclude VAT. Visit www.dulis.nl

Product protection - controlled environments

KIMTECH™ G3 and G5 latex Gloves



G3 gloves recommended for ISO 3 or higher cleanroom environments.
G5 gloves recommended for ISO 5 or higher cleanroom environments.

- Silicone-free latex gloves, low in endotoxins and proteins to reduce the risk of allergy
- Certified PPE Cat. III according to Regulation (EU) 2016/425
- ISO 374-1:2016 Type C (K) against chemical splashes
- ISO 374-5:2016 Protection against micro-organisms and viruses
- Powder-free natural latex, protein < 50 µg/g
- AQL: 1.5
- Rolled edge cuff
- Length: 300 mm
- Textured fingertips

KIMTECH™ G3 Latex Gloves

- Thickness: 0.20 mm in the palm
- Packaging: 100 gloves in double plastic bag

Size	S	M	L	XL	Units/ bag	€/ bag
Cat.No.	038830	038831	038832	038833	100	N/A -

KIMTECH™ G5 Latex Gloves

- Thickness: 0.18 mm in the palm
- Packaging: 100 gloves in double plastic bag

Size	S	M	L	XL	Units/ bag	€/ bag
Cat.No.	038853	038854	038855	038910	100	N/A -

KIMTECH™ G3 sterile Latex Gloves

- Thickness: 0.20 mm in the palm
- Packaged per pair, 20 pairs per double plastic bag

Size	6	6 1/2	7	7 1/2	8	8 1/2	9	10	€/ the 20 pairs
Cat. No.	038834B	038835B	038836B	038837B	038838B	038839B	038840B	038841B	N/A -

KIMTECH™ G3 NXT™ Nitrile Gloves



Recommended for ISO 3 or higher cleanroom environments.

- Latex and silicone free nitrile gloves to reduce the risk of type I allergies
- Certified PPE Cat. III according to Regulation (EU) 2016/425
- ISO 374-1:2016 Type C (K) against chemical splashes
- ISO 374-5:2016 Protection against micro-organisms and viruses
- AQL: 1.5
- Rolled edge cuff
- Length: 300 mm
- Thickness: 0.13 mm in the palm
- Textured fingertips
- Electrostatic dissipative properties

KIMTECH™ G3 NXT™ Nitrile Gloves

- Packaging: 100 gloves in double plastic bag

Size	XS	S	XL	Units/ bag	€/ bag
Cat. No.	038911	038912	038915	100	N/A -

Blue Nitrile KleenGuard® G10 Gloves



- Powder-free: reduces the drying effects of powder on the skin
- CE marking: cat 1
- Latex-free: reduces the potential risk of Type I allergic reactions
- Textured tips for exceptional tactile sensitivity

Size	S	M	L	XL	Units/ box	€/ box
Cat. No.	038971	038972	038973	038974*	100	N/A -

* The price of the XL size glove boxes is for a package of 90 gloves (instead of 100).

KleenGuard® Arctic Blue Nitrile G10 Gloves

- External accreditation: Food Contact accredited
- EN 420: Food contact certification according to BFR regulation XXI
- 0.06 mm thick
- Blue
- General use
- Latex-free
- Powder-free
- Textured fingertips
- Rolled edge cuffs
- Ambidextrous
- PPE cat. I marking



Size	XS	S	M	L	XL	Units/ box	€/ box
Car. No.	040368	040369	040370	040371	040372*	200	N/A -

* sold per 180



All prices are indicative and exclude VAT. Visit www.dulis.nl

MAPA Food Expert Gloves


SOLO 997


SUPER FOOD

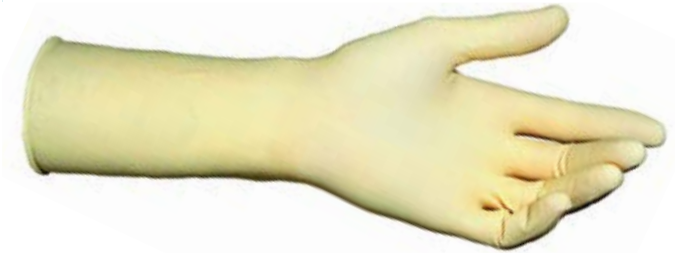
➤ **Gloves suitable for food contact according to the European directive EEC 1935/2004**



Consult our MAPA Food Expert mini-guide and choose your glove according to the type of food you handle: enter the reference on www.dulis.nl

Model	Material	Interior finish	Exterior finish	Length/ Thickness	Standards	Description / Applications	Size	Cat. No.	Packaging unit	€
SOLO 997 CE Cat. 3	Nitrile	Chlorinated	Smooth with granulated fingertips	245 mm / 0.10 mm	JKT	→ Description • Excellent dexterity thanks to the flexibility and thinness of nitrile • Multi-purpose: can be used alone or as an over-glove → Applications • Suitable for contact with all kinds of food • Recommended for handling fatty foods and in oily industrial environments	6	430095	1 box of 100 gloves	N/A -
							7	430096		N/A -
							8	430097		N/A -
							9	430098		N/A -
SUPER FOOD 177 CE Cat. 3	Latex natural	Chlorinated	Anti-slip surface	310 mm/ 0.40 mm	0010	→ Description • Dexterity and flexibility • Chlorinated finish for better protection of the products handled → Applications • Suitable for handling foodstuffs	6	430090	1 box of 10 pairs	N/A -
							7	430091		N/A -
							8	430092		N/A -
							9	430093		N/A -
							10	430094		N/A -
SUPER FOOD 165 CE Cat. 1	Latex natural	Flocking	Anti-slip surface	305 mm/ 0.29 mm		→ Description • Flexibility of natural latex: excellent dexterity • Very comfortable cotton flock → Applications • Suitable for certain uses in the food industry and in contact with food (see mini-guide)	7	430086	1 box of 10 pairs	N/A -
							8	430087		N/A -
							9	430088		N/A -
							10	430089		N/A -

MAPA Protective gloves for critical environments



➤ **Protect yourself and the objects and products you handle**

➤ **The "critical" range has been developed to meet all the quality criteria necessary for work in controlled and confined environments (cleanrooms, glove boxes)**

						Size	Trionic 517 12 pairs Cat. No.	€	Trionic 517 1 pair Cat. No.	€	Trionic 522 1 pair lenght 610 mm Cat. No.	€
TRIONIC 517 and 522 CE Cat. 3	Tri-polymer: natural latex, neoprene and nitrile	Chlorinated/ Pebbled embossing	360 mm (Trionic 517) or 610 mm (Trionic 522) / 0.50 mm	1110	→ Description • Excellent chemical resistance • Low level of contaminants ensured in manufacturing: particle content, non-volatile residues, extractables (ISO class 5 compatibility, class M3.5) • Wrist: straight cuff → Applications • Suitable for gentle handling of both chemicals and electronic components	6	430102	N/A -	430102B	N/A -	-	-
						7	430103	N/A -	430103B	N/A -	-	-
						8	430104	N/A -	430104B	N/A -	430108	N/A -
						9	430105	N/A -	430105B	N/A -	430109	N/A -
						10	430106	N/A -	430106B	N/A -	430110	N/A -

MAPA single-use gloves

➤ **Single-use gloves for various simple hand protection needs**



Solo 999

Solo 998



Trilites 994



Model	Material	Interior finish	Exterior finish	Length/ Thickness	Standards	Description / Applications	Size	Cat. No.	Packaging unit	€
Solo 998	Latex	Chlorinated	Smooth, with granulated fingertips	300 mm/ 0.10 mm	Cat. 3, Type C	➔ **Description** • Suitable for short-term use • Easy to put on and to take off • Very fine latex: flexibility and dexterity • Rolled edge cuff: more resistant when putting on ➔ **Applications** • Suitable for routine use in laboratories, hospitals and clinics	6	430077B	Box of 100 gloves	N/A -
							7	430078B		N/A -
							8	430079B		N/A -
							9	430080B		N/A -
Solo 992		Powder	Smooth	245 mm/ 0.10 mm			6	430111	Box of 100 gloves	N/A -
							7	430112		N/A -
							8	430113		N/A -
							9	430114		N/A -
Solo 999	Nitrile	Chlorinated	Smooth, with granulated fingertips	300 mm/ 0.10 mm	Cat. 3, Type B JKT	➔ **Description** • Excellent mechanical resistance • Easy to put on and to take off • Very thin glove for a precise gesture • For people sensitive to latex proteins ➔ **Applications** • Ideal for oily environments • Suitable for routine laboratory use	6	430081B	Box of 100 gloves	N/A -
							7	430082B		N/A -
							8	430083B		N/A -
							9	430084B		N/A -
Solo White 997				245 mm/ 0.10 mm			6	430073B	Box of 100 gloves	N/A -
							7	430074B		N/A -
							8	430075B		N/A -
							9	430076B		N/A -
Trilites 994	Tri-polymer formula: Natural latex, neoprene and nitrile	Chlorinated	Granita	255 mm/ 0.15 mm	Cat. 3, Type B KPT	➔ **Description** • Unique three-polymer blend: increased comfort and strength • Protection against chemical splashes • Rolled edge cuff: more resistant when putting on ➔ **Applications** • Particularly suitable for use in pharmaceutical laboratories	6	430069B	Box of 100 gloves	N/A -
							7	430070B		N/A -
							8	430071B		N/A -
							9	430072B		N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Latex-free gloves 73-847 ex Neopro Green



ISO 374-1:2016 Type B
KPT
ISO 374-5:2016
VIRUS

- Dark green neoprene, latex-free
- Ambidextrous, powder-free
- Rolled edge cuffs
- Textured ends
- Thickness: 0.10 mm
- Length: 245 mm
- AQL: 1.5
- PPE Cat. III
- Antistatics according to EN 1149

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	678231	678232	678233	678234	678235	100	N/A -

Powder-free latex gloves 63-864 ex Diamond Grip



ISO 374-1:2016 Type B
KLT
ISO 374-5:2016
VIRUS

- In thick natural latex, natural colour
- Ambidextrous, powder-free
- Rolled edge cuffs
- Textured ends
- Thickness: 0.16 mm
- Length: 245 mm
- AQL: 1.5
- PPE Cat. III
- Certified for food contact

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	050405B	050406B	050407B	050408B	050409B	100	N/A -

Powder-free nitrile gloves 93-843 ex Supreno



ISO 374-1:2016 Type B
JKPT
ISO 374-5:2016
VIRUS

- Highly durable blue-violet nitrile, latex-free
- Ambidextrous, powder-free
- Rolled edge cuffs
- Textured ends
- Thickness: 0.11 mm
- Length: 245 mm
- AQL: 0.65
- PPE Cat. III
- Certified for food contact

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	050415B	050416B	050417B	050418B	050419B	100	N/A -

Powder-free nitrile gloves with long cuff 93-853 ex Supreno EC-Plus



ISO 374-1:2016 Type B
JKPT
ISO 374-5:2016
VIRUS

- Made of blue-violet high-strength nitrile, latex-free
- Ambidextrous, powder-free
- Rolled edge cuffs
- Textured ends
- Thickness: 0.14 mm
- Long cuffs: 295 mm
- AQL: 0.65
- PPE Cat. III
- Antistatics

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	050450B	050451B	050452B	050453B	050454B	50	N/A -

Nitrile gloves PF 93-852 ex Midknight black



ISO 374-1:2016 Type B
JKT
ISO 374-5:2016
VIRUS

- Black nitrile for high contrast
- Ambidextrous, powder-free
- Rolled edge cuffs
- Textured ends
- Thickness: 0.12 mm
- Length: 245 mm
- PPE Cat. III
- Certified for food contact
- Antistatics according to EN 1149

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	050479B	050480B	050481B	050482B	050483B	100	N/A -

Nitrile examination gloves 93-833 ex XCEED



ISO 374-1:2016 Type B
KPT
ISO 374-5:2016
VIRUS

- Blue nitrile
- Ambidextrous, powder-free, certified ergonomic
- Rolled edge cuffs
- Textured ends
- Thickness: 0.07 mm
- Length: 240 mm
- AQL: 0.65
- PPE Cat. III
- Certified for food contact

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	050470B	050471B	050472B	050473B	050474B*	250	N/A -

* units/box for Cat. No. 050474B: 230

SHOWA Nitrile Gloves

100% nitrile, silicone-free, powder-free to prevent type I and IV allergies.

- **PPE Cat. III**
- **Complies with medical device standards EN 455-1, -2, -3, -4**
- **Chlorinated gloves for more comfort and less stickiness**
- **Textured finish**
- **Low deformation factor for better ergonomics**
- **Resistant to cytostatics**

Cobalt blue range

- **AQL: 0.65**

	Length/ Thickness (mm)	XS (5 - 6)	S (6 - 7)	M (7 - 8)	L (8 - 9)	XL (9 - 10)	Gloves/ box	€/ box
7540 series	240 / 0.10	**924069**	-	**924071**	-	-	100	**N/A -**
7580* series	240 / 0.20	-	**924097**	**924098**	**924099**	**924100**	50	**N/A -**
7545 series	300 / 0.10	-	**924074**	**924075**	**924076**	**924077**	100	**N/A -**
7555 series	300 / 0.12	**924083**	**924084**	**924085**	**924086**	**924087**	50	**N/A -**
7585* series	300 / 0.20	-	**924101**	**924102**	**924103**	**924104**	50	**N/A -**

* double chlorination; EN 374-3: JKL



Cobalt blue range

Black antistatic range

Black antistatic range

- **AQL: 1.5**
- **Surface resistivity: between 10^9 and 10^{10} Ω**

	Length/ Thickness (mm)	S (6 - 7)	M (7 - 8)	L (8 - 9)	XL (9 - 10)	Gloves/ box	€/ box
7565 series	300 / 0.15	**924088**	**924089**	**924090**	**924091**	50	**N/A -**

High visibility range

- **AQL: 1.5**
- **Without accelerator: protection for very sensitive skin**
- **High visibility by fluorescence (fluorescent green gloves): increased safety in poor lighting conditions**

	Length/ Thickness (mm)	XS (5 - 6)	S (6 - 7)	M (7 - 8)	L (8 - 9)	XL (9 - 10)	Gloves/ box	€/ box
7570 series	240 / 0.10	**924092**	**924093**	**924094**	**924095**	**924096**	100	**N/A -**

White range: critical environments

- **AQL: 1.5**
- **For use in class 100 clean rooms**

	Length/ Thickness (mm)	XS (5 - 6)	S (6 - 7)	M (7 - 8)	L (8 - 9)	XL (9 - 10)	Gloves/ box	€/ box
7595 series	300 / 0.12	**924105**	**924107**	**924108**	**924109**	**924110**	100	**N/A -**



High visibility range

White range: critical environments

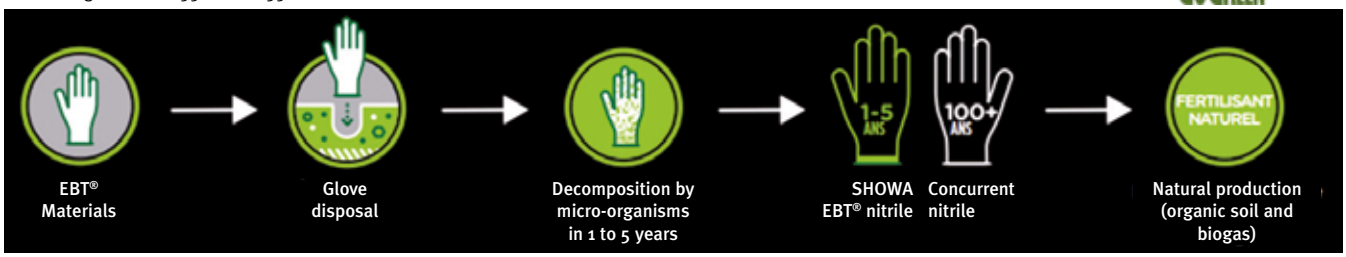


All prices are indicative and exclude VAT. Visit www.dulis.nl

SHOWA Biodegradable Gloves

SHOWA EBT technology: Eco Best Technology®: same performance, accelerated degradation.
The EBT® gloves degrade in 1-5 years in active landfills, compared to over 100 years for non-EBT®* products .

* according to ASTM D5511 and D5526 test results.



SHOWA 6110PF



- PPE Cat. III according to Regulation EU/ 2016/425
- Green nitrile, powder-free
- Latex protein free
- Comfortable: soft and second skin-like, easy grip
- Perfect fit for working with complex parts and components, protects against abrasive solvents
- Length 240 mm, thickness 0.10 mm
- Protection against a wide range of chemicals: type B (KPT)
- Biohazard: AQL 0.65
- Protection against infectious agents
- Food contact

	XS (5 - 6)	S (6 - 7)	M (7 - 8)	L (8 - 9)	XL (9 - 10)	XXL (10 - 11)	Gloves/ box	€/ box
Showa 6110PF	924113	924114	924115	924116	924117	924118	100	N/A -

SHOWA 7500PF EBT



- PPE Cat. III according to Regulation EU/ 2016/425
- Blue nitrile, powder-free
- Latex protein free
- Comfortable: soft and second skin-like, easy to put on, easy grip (textured finish)
- Length 240 mm, thickness 0.10 mm
- Protection against a wide range of chemicals: type B (JKPT)
- Biohazard: AQL 1.0
- Protection against infectious agents
- Food contact

XS (5 - 6)	S (6 - 7)	M (7 - 8)	L (8 - 9)	XL (9 - 10)	Gloves/ box	€/ box	XXL (10 - 11)	Gloves/ box	€/ box
924125	924126	924127	924129	924130	100	N/A -	924131	90	N/A -

SHOWA 6112PF



- PPE Cat. III
- Black nitrile, powder-free
- Latex protein and silicone free
- Length 240 mm, thickness 0.10 mm (palm)
- Food contact
- AQL: 1.5
- Antistatics
- Chemical protection: type B (KPT)
- Protection against infectious agents

	XS (5 - 6)	S (6 - 7)	M (7 - 8)	L (8 - 9)	XL (9 - 10)	XXL (10 - 11)	Gloves/ box	€/ box
Showa 6112PF	924119	924120	924121	924122	924123	924124*	100	N/A -

* Size XXL: 90 gloves per box.

SHOWA 7502PF EBT



- PPE Cat. III according to Regulation EU/2016/425
- Blue nitrile, powder-free
- No latex proteins and no vulcanisation accelerator
- Comfortable: soft and second skin-like, easy to put on, easy to grip (textured finish)
- Length 240 mm, thickness 0.06 mm
- Biohazard: AQL 1.5
- Protection against infectious agents
- Food contact

XS (5 - 6)	S (6 - 7)	M (7 - 8)	L (8 - 9)	XL (9 - 10)	Gloves/ box	€/ box	XXL (10 - 11)	Gloves/ box	€/ box
924132	924133	924134	924135	924136	200	N/A -	924137	180	N/A -



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Touch N Tuff® Gloves



ISO 374-1:2016
Type B
JKPT

ISO 374-5:2016
VIRUS

- Against irreversible risks
- TNT technology: only 0.12 mm thick
- Highly resistant, ultra-thin
- Unparalleled comfort and sensitivity
- 100% nitrile, no added waxes, silicones or plasticisers
- Three times the puncture resistance of latex or vinyl
- Rolled edge
- Green
- Lighter and cooler, yet safer and more durable
- Significantly greater chemical resistance than latex or vinyl (although not designed for immersion in chemicals, it provides significant protection against accidental splashes)
- Available in powdered and powder-free versions

Touch N Tuff® Powder Free Gloves 92-600 and 92-605

Disposable - smooth finger tips for 240 mm length; adhered finger tips for 300 mm length.

Size	6½ - 7	7½ - 8	8½ - 9	9½ - 10	Units/ box	€/ box
L. 240 mm 92-600	678042	678043	678044	678045	100	N/A -
L. 300 mm 92-605	062099	062100	062101	062102	100	N/A -

Touch N Tuff® Powder Gloves 92-500

Disposable - Adhered to the fingertips.

Size	6½ - 7	7½ - 8	8½ - 9	9½ - 10	Units/ box	€/ box
L. 240 mm	678038	678039	678040	678041	100	N/A -

Microflex NeoTouch® Gloves



ISO 374-1:2016
Type B
KPT

ISO 374-5:2016
VIRUS

- Disposable powder-free neoprene gloves
- 2 lengths: 240 mm and 290 mm
- Light green
- Prevention of type I allergies and skin reactions
- Latex-like comfort
- More puncture resistance than latex gloves
- Rolled edge for excellent anchoring
- Internal polyurethane coating, easy to put on
- Textured fingertips ensure a secure grip in dry and wet environments
- Highly resistant to acids, alkalis and alcohols, and to chemical splashes
- Thickness: 0.13 mm

NeoTouch® Gloves 25-101 lenght 240 mm

Size	6½ - 7	7½ - 8	8½ - 9	9½ - 10	Units/ box	€/ box
Cat. No.	678059	678060	678061	678062	100	N/A -

NeoTouch® Gloves 25-201 lenght 290 mm

Size	6½ - 7	7½ - 8	8½ - 9	9½ - 10	Units/ box	€/ box
Cat. No.	678063	678064	678065	678066	100	N/A -

Chemical protective gloves

SivoChem® 759



Dermatril® P743



Model	Material	Finish	Length / Thickness	Standards	Description/Application	Size	Cat. No.	Units/ box	€/ box
SivoChem® 759 CE	Special Nitrile	Rolled edge, non-powdered	390 - 410 mm/ 0.16 mm		• Disposable protective glove • Good chemical resistance • Very good dexterity	7	302010	40	N/A -
						8	302011	40	N/A -
						9	302012	40	N/A -
						10	302013	40	N/A -
Dermatril® P743 CE	Special Nitrile	Long cuff, Rolled edge, adhered fingertips, non-powdered	270 - 290 mm/ 0.2 mm	EN374-3:2003 AJKL	• Disposable protective glove • Good chemical resistance • Very good dexterity • Tear resistance	6	302004	50	N/A -
						7	302005	50	N/A -
						8	302006	50	N/A -
						9	302007	50	N/A -
						10	302008	50	N/A -
						11	302009	50	N/A -

SEMPERGUARD gloves

Simple disposable gloves for everyday use.

- **Classified as PPE cat. III according to directive 89/686/EEC**
- **Ambidextrous**
- **Complies with EC 1935/2004 for food contact**
- **Standards displayed: EN 420, EN 374-2 (AQL 1.5), EN 374-3, EN 455**
- **Latex gloves: good chemical resistance to acrylamide, phosphoric and nitric acids / Nitrile gloves: good chemical resistance to hydroxides, acrylamide (chemical resistance table on dulis.nl)**

	Model	Material	Finish	Length/ Thickness (mm)	Description	Size	Cat. No.	Units/ box	€/ box
	Nitrile Xtra Lite	Nitrile	Textured fingers	240 / 0.07	Lavender blue, Very stretchy Powder-free Class I medical device	S	559017	200	N/A -
						M	559018	200	N/A -
						L	559019	200	N/A -
						XL	559020	180	N/A -
	Latex Comfort	Latex	Textured fingers	240 / 0.10	Natural, Chlorinated Excellent elasticity Powder-free Class I medical device	S	559005	100	N/A -
						M	559006	100	N/A -
						L	559007	100	N/A -
						XL	559008	90	N/A -
	Nitrile Comfort	Nitrile	Textured fingers	240 / 0.10	Blue signal Powder-free Class I medical device	S	559013	100	N/A -
						M	559014	100	N/A -
						L	559015	100	N/A -
						XL	559016	90	N/A -
	Latex innercoated	Latex	Textured fingers	240 / 0.24	Natural colour Rolled edge Powder-free Class I medical device	XS	559021	100	N/A -
						S	559022	100	N/A -
						M	559023	100	N/A -
						L	559024	100	N/A -
						XL	559025	90	N/A -

ULMA® Latex Gloves

- **Powder-free, thick latex examination gloves**
- **Excellent quality**
- **Ambidextrous**
- **Low protein levels**
- **In smooth or textured version**
- **In non-sterile or sterile versions packed in pairs**



Happy Skin Grip gloves



Sensiflex Plus Gloves



Happy Skin Gloves

Happy Skin Powder-free gloves smooth surface

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	030222	030223	030224	030225	030226	100	N/A -

Happy Skin Grip powder-free gloves with textured surface

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	030222G	030223G	030224G	030225G	030226G	100	N/A -

Sensiflex Plus sterile gloves in pairs

Size	XS	S	M	L	Units/ box	€/ box
Cat. No.	-	030256	030257	030258	50 pairs	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

ULMA® Powder-free nitrile or neoprene gloves



030269B to 030273B
(non-sterile)



031511 to 031517
(sterile)

Powder-free nitrile gloves. Sterile powder-free neoprene gloves.

Pro Free powder-free nitrile gloves

Cat. No.	Size	Texture	Sterile	Units/ box	€/ box
030269B	XS	Grip	No	100	N/A -
030270B	S	Grip	No	100	N/A -
030271B	M	Grip	No	100	N/A -
030272B	L	Grip	No	100	N/A -
030273B	XL	Grip	No	100	N/A -

Nuzone X2 Enhanced sterile powder-free neoprene gloves

Cat. No.	Size	Texture	Sterile	Units/ box	€/ box
031511	6	Grip	Yes	50 pairs	N/A -
031512	6.5	Grip	Yes	50 pairs	N/A -
031513	7	Grip	Yes	50 pairs	N/A -
031514	7.5	Grip	Yes	50 pairs	N/A -
031515	8	Grip	Yes	50 pairs	N/A -
031516	8.5	Grip	Yes	50 pairs	N/A -
031517	9	Grip	Yes	50 pairs	N/A -

ULMA® Vinyl Gloves



030201 to 030202

- Smooth texture
- Standard cuff length of 24 cm
- Recommended for short term use
- Powdered or non-powdered version

Cat. No.	Size	Powdered	Cuff	Sterile	Units/ box	€/ box
030201	M	Yes	24 cm	No	100	N/A -



WHAT IS AN EXAMINATION GLOVE?

- An examination glove is a disposable glove, registered as a Medical Device (MD) under the European Directive 93/42/EEC
- The purpose of a medical device is to protect the patient. This is a self-certification by the manufacturer
- The mere mention of "medical device" or "examination glove" does not give the glove any particular properties if nothing else is specified

CE EN455

The EN-455 standard allows the performance of examination gloves to be measured and compared between them:

EN455-1: AQL 1.5 (Acceptable Quality Level) - Statistical Leakage Check

EN455-2: Definition of physical characteristics, e.g. length (24 cm for an examination glove)

EN455-3: Biological assessment (measurement of protein levels in latex gloves)

Sources: shieldscientific.fr and ansell.fr

Medi-Grip PF sterile latex surgical gloves

Powder-free, sterile latex glove, packed in pairs in peel-off paper.



- Low allergenicity
- Length: 285 mm
- Anatomical shape
- Long cuff
- Textured surface

Size	6	6 1/2	7	7 1/2	8	8 1/2	9	Units/ box	€/ box
Cat.No.	062028B	062029B	062030B	062031B	062032B	062033B	062034B	50 pairs	N/A -

GAMMEX Antimicrobial Latex Surgical Gloves



- Active defence surgical glove
- Made of cream natural rubber latex, strong, soft, comfortable
- Unique coating containing chlorhexine gluconate with antimicrobial action in case of glove breakage
- Microrough finish
- Production on anatomical shapes, wider palm on the surface
- Adhesive strip to anchor the cuff
- Brand, size and L (left) or R (right) printed on the cuff for easy identification
- Complies with the requirements of the standards EN 455, ISO 10282 and AS/NZS 4179



5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	Units/ box	€/ box
678155	678156	678157	678158	678159	678160	678161	678162	25 pairs	N/A -

Gammex® Non-latex Neoprene Gloves

Powder-free sterile neoprene surgical gloves with a urethane ionomer inner coating for easy wearing and improved comfort.



- Excellent puncture resistance, good chemical resistance
- Powder-free
- Made of green neoprene, free of accelerators and natural latex
- Sterile
- Anatomical, ambidextrous
- Reinforced cuff without rolled edge
- Smooth surface with textured fingertips, polyurethane coated

5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	Units/ box	€/ box
062008B	062009B	062010B	062011B	062012B	062013B	062014B	062015B	50 pairs	N/A -

Gammex® latex Sterile latex gloves

- Surgical glove
- Very high protection
- High tactile sensitivity
- With thick, and resistant cuff
- Sterile
- Packed in pairs
- Powder-free





5 1/2	6	6 1/2	7	7 1/2	8	8 1/2	9	Units/ box	€/ box
062054B	062055B	062056B	062057B	062058B	062059B	062060B	062061B	50 pairs	N/A -

Micro-Touch® Affinity® Neoprene Gloves

Powder-free examination gloves.



- In green neoprene
- Ambidextrous, reinforced cuff without rolled edges
- External surface: smooth with textured fingertips
- Internal surface: polyurethane coating
- CE marking - EN 455 parts 1 and 3 - ISO 9002 / EN 46002

Size	S	M	L	XL	€ the box of 100
Cat. No.	062045	062046	062047	062048	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Micro-Touch® Hydracare® Latex Gloves



- Powder-free latex examination glove, light green
- Moisturizing agent leaves skin feeling soft and relaxed
- Ambidextrous, rolled edges
- Outer surface: Micro-roughened, treated with silicone, humidifying spray and fragrance oil
- Internal surface: lightly chlorinated, treated with silicone, humidifier spray and perfumed oil

Size	S	M	L	€ the box of 100
Cat. No.	062050	062051	062052	N/A -

Synsation Powder-free Vinyl Gloves



- Powder-free vinyl examination glove
- With rolled edge cuff
- Surface for easy handling of the material

Size	6/7	7/8	8/9	9/10	Units/ box	€/ box
Cat. No.	062016	062017	062018	062019	100	N/A -

Examination gloves



- Nitrile or latex
- Powder-free

Size	XS	S	M	L	XL	Units/ box	€/ box
Nitrile gloves							
Cat. No.	390952	390953	390954	-	390956	200	N/A -
Latex gloves							
Cat. No.	-	390957	390958	390959	390960	100	N/A -

Gen-X new Generation Nitrile Gloves



- Blue nitrile gloves
- Length: 240 mm
- Thickness: 0.06 mm (palm)
- AQL: 1.5
- PPE cat III:
  - EN 374-5: 2016 + virus
  - EN 374-1: 2016 (Type C)
- DM according to EN 455: 1-4

ISO 374-1:2016 /Type C



ISO 374-5:2016



Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	603506	603507	603508	603509	603510	100	N/A -

Vinyl gloves



- 2 versions available: powdered or powder-free
- Various sizes (from S to XL)

S	M	L	XL	Units/ box	€/ box
Powder-free vinyl gloves					
475000	-	475002	475003	100	N/A -
Powdered vinyl gloves					
475004	475005	475006	475007	100	N/A -

Sensitex latex gloves



Lightly powdered



Powder-free

- Powdered or powder-free natural latex
- Rolled edge
- Ambidextrous
- Corn starch powdering
- Complies with CEE 93/42 et 89/686

Lightly powdered gloves

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	030654	030655	030656	030657	030658	100	N/A -

Powder-free gloves

Size	XS	S	M	L	Units/ box	€/ box
Cat. No.	030659	030660	030661	030662	100	N/A -

CPE (chlorinated polyethylene) gloves



- Transparent Natural or blue
- Powder-free
- Ambidextrous
- Non-sterile
- Latex and phthalate free
- Suitable for food contact

Size	M	L	XL	Units/ box	€/ box
Natural	475051	475066	475067	100	N/A -
Blue	475068	475069	475070	100	N/A -

Sensinyl vinyl gloves

Vinyl gloves, powder-free.

- Ambidextrous
- Non-sterile
- Polyvinyl chloride
- Tactile comfort
- Hypoallergenic
- Rolled edge

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	030749	030750	030751	030752	030753	100	N/A -



See glove box holders page 1228



Parmadis powder-free nitrile gloves

- Powder-free nitrile
- Excellent resistance
- Thinness ensures outstanding tactile sensitivity
- Fits perfectly the hand shape
- Eliminate latex allergies
- Superb comfort
- Complies with CEE 93/42 et 89/686

Size	S	M	L	XL	Units/ box	€/ box
Cat. No.	030649	030650	030651	030652	100	N/A -



SENSISKIN nitrile gloves 240 mm

- Blue Nitrile examination gloves, with good chemical aggression resistance and a flexibility allowing a very sensitive touch
- Latex-free
- Powder-free
- Non-sterile

Size	XS	S	M	L	XL	Units/ box	€/ box
Cat. No.	794013	794014	794015	794016	794017	100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Nitrile gloves with extra-long cuff



- Nitrile, non-sterile, non-powdered
- Ambidextrous
- With long cuff 400 mm
- AQL 1.5
- Complies with European Directive 93/42/EEC Class I, EN 455-1, EN 455-2, ISO 10993-10

Size	M	L	XL	Units/ box	€/ box
Cat. No.	030774	030775	030776	50	N/A -

Polyethylene examination gloves



Ambidextrous transparent PE gloves with good tactile sensitivity. Used in communities for hygiene and cleaning.

Cat. No.	Size	Length (mm)	Specifications	Sterile	Units/ box	€/ box
794030	Standard	300	Packed in pairs	Yes	100	N/A -
794031	Woman	290	Smooth surface	No	100	N/A -
794032	Standard	300	Smooth surface	No	100	N/A -
794033	Standard	500	White	No	50	N/A -
794034	Standard	900	Special vet, orange	No	50	N/A -

2-finger "Legueu" type Finger Stalls



- 2 fingers
- Medically clean or non-sterile

Cat. No.	Description	Units/ bag/	Bags/ box	€/ box
030728	Non sterile finger stall	100	100	N/A -
030729	Medically Clean finger stall	100	25	N/A -

Opaque polyethylene finger stalls



- 1 or 2 fingers
- In polyethylene
- Opaque
- Highly resistant
- Available sterilised (in individual cases) or non-sterile

Cat. No.	Size	Sterile	Units/ box	€/ box
794035	1 finger	No	100	N/A -
794037	1 finger	Yes	100	N/A -

Antistatic nitrile finger stalls



- Antistatic, low particle count, powder-free nitrile
- Thickness: 0.07 mm
- Length: 70 mm
- White
- Complies with USDA, FDA, 21 CFR, food processing regulations

Cat. No.	Description	Units/ bag	€/ bag
302037	Antistatic nitrile finger stalls	720	N/A -

MAPA Waterproof Protective Gloves

- For all household work, in contact with liquids that are not chemically aggressive (water, cleaning products)
- The MAPA waterproof range meets the needs of comfort and protection of the hand


VITAL 115


VITAL 117


VITAL 124


JERSETTE 300


ULTRANITRIL 454


TIP

Need help? Let us guide you in your choice of gloves: Enter de Cat. No. on www.dulis.nl See also the summary of European standards for MAPA protective gloves

Model	Material	Int./ ext. finish	Length/ Thickness	Standards	Description / Applications	Size	Cat. No. Colour code Vital 115	Cat. No. Colour code Vital 117	Cat. No. Colour code Vital 124	Packaging unit	€
VITAL CE Cat. 3	Natural latex	Flocking / Anti-slip surface	305 mm/ 0.38 mm	Type B KPT 0010X	**Description** • The natural flexibility of latex allows excellent dexterity • Good mechanical resistance • Cotton flock: comfortable to wear • Straight cuffed wrist • 3 colours to choose from **Applications** • Suitable for routine cleaning work, very good sealing, for handling household detergents	6	430000	430001	430002	Bag of 10 pairs	N/A -
						7	430003	430004	430005		N/A -
						8	430006	430007	430008		N/A -
						9	430009	430010	430011		N/A -
						10	-	430012	430017		N/A -

Model	Material	Int. /ext. finish	Length/ Thickness	Standards	Description / Applications	Size	Cat. No.	Packaging unit	€
JERSETTE 300 CE Cat. 3	Natural latex	Textile support/ smooth	290 - 330 mm /1.15 mm	EN 407 X1XXXX Type B KPT 2131X	**Description** • Excellent comfort from the seamless textile material • Anatomical shape • Mechanical resistance • Good chemical resistance to many dilute acids and bases • Wrist: scalloped cuff • Blue **Applications** • For handling household detergents	5	430018	Bag of 5 pairs	N/A -
						6	430019		N/A -
						7	430020		N/A -
						8	430021		N/A -
						9	430022		N/A -
						10	430023		N/A -

Model	Material	Int./ ext. finish	Length/ Thickness	Standards	Description / Applications	Size	Cat. No.	Packaging unit	€
ULTRA NITRIL 454 CE Cat. 3	Synth. elas-tomer	Flocking/ Pebbled embossing	310 mm /0.35 mm	Type B KPT 2000X	**Description** • Hypoallergenic • Anatomical shape, flocking quality: better comfort • Pebbled embossing: good grip • Fine touch • Wrist: straight cuff • Turquoise **Applications** • Common use in hospitals and clinics	6	430024B	Bag of 1 pair	N/A -
						7	430025B		N/A -
						8	430026B		N/A -
						9	430027B		N/A -
						10	430028B		N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Latex Household Gloves



- 100% natural latex on cotton flocked jersey
- Compliant with EN 388 and EN 374 standards
- Length: 31 cm

Cat. No.	Description	€ the pair
039669	Household glove, size 7 (medium)	N/A -
039670	Household glove, size 9 (large)	N/A -

Rubber Household Gloves with long cuff



Natural rubber gloves with extra-long 56 cm cuff.

- Protects hands and arms
- Excellent grip
- Long lasting

Cat. No.	Description	€ the pair
030648	Household glove with long cuff	N/A -

Sensigloves Wash Gloves

Single use, non-woven wash gloves.



- Composition: 50 % viscose, 50 % polyester
- Dimensions (cm) : 16 x 23
- Sterilisation resistance: autoclave and ethylene oxide

Cat. No.	Description	Units/ box	€/ box
030797A	Sensigloves Wash Gloves	50	N/A -



TIP Need help? You can find our explanatory page on glove standards and regulations on the first page of the Hygiene chapter and consult our technical guides on www.dulis.nl

Disinfectant spray PPE



- For personal protective equipment
- Bactericidal and fungicidal action

Cat. No.	Volume (ml)	€
280002	405	N/A -

CleanJet® Automatic sprayer for glove disinfection



Reduces glove consumption.

- 304 AISI stainless steel, brushed steel finish
- Automatic detector that dispenses an alcohol-based disinfectant solution
- Maximum tank capacity 700 ml
- Visual (LED) and audible level indicators

Dimensions L x D x H (mm)	340 x 260 x 290
Weight (kg)	6.3
Tank volume (ml)	700
Frequency (Hz)	50
Power supply	230 V
Cat. No.	**103934**
€	**N/A -**

WHAT IS A CHEMICAL PROTECTIVE GLOVE?

- In this category, you will find the different PPE gloves that can provide chemical protection, according to the EN 374 standard
- This standard specifies, among other things, the ability of gloves to protect the user against chemicals and/or micro-organisms
- More specifically, EN 374-3 defines a methodology for measuring the permeation time of a chemical through the glove

KLEENGUARD* G80 Chemical Protective Gloves

Features KLEENGUARD* G80 NITRILE* gloves

- Unique NITRILE* material for excellent chemical resistance and durability
- Natural latex free to reduce the risk of type 1 allergy
- Textured fingertips, thickness 0.38 mm
- Cotton flock lining
- Resistant to oils, greases, acids, caustics and solvents
- Abrasion and puncture resistance



KLEENGUARD* G80 Neoprene/Latex Gloves Specifications

- Latex and neoprene blend
- Protection against oxidising acids, bases, alcohols, oils, greases and solvents
- Textured fingertips, thickness 0.7 mm
- Cotton flock lining

EN 374 AKL



KLEENGUARD* G80 NITRILE* Gloves

Size	7	8	9	10	11	€ 12 pairs
Cat. No.	038992B	038993B	038994B	038995B	038996B	N/A -

KLEENGUARD* G80 Neoprene / Latex Gloves

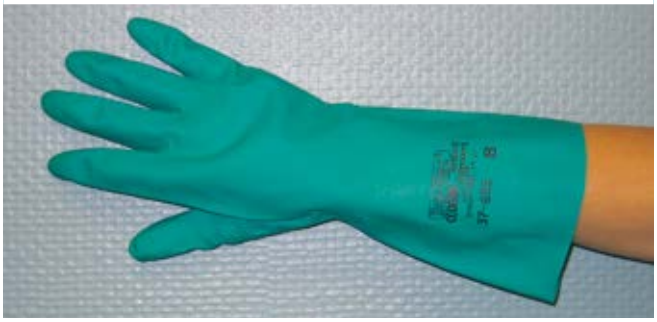
Size	7	8	9	10	€ 12 pairs
Cat. No.	041428	041429	041430	041431	N/A -



TIP

Need help? See our explanatory page on glove standards and regulations at the beginning of the Hygiene chapter and consult our technical guides at www.dulis.nl

SOL-VEX® Gloves



- Unsupported nitrile glove
- Non-suede interior finish
- Sanded exterior finish
- 2 lengths: 330 mm or 380 mm
- Colour: green
- Resistant to many solvents
- Excellent flexibility, high comfort
- Good grip thanks to anatomical shape and sandblasted finish
- Sanitized, Actifresh: contains fungicidal and bacteriostatic agents
- Chlorine treatment to improve wet grip and make gloves easier to put on

EN 374 JKLOPT · ISO 374-5:2016 VIRUS · EN 388 4101X

SOL-VEX® 37-675 Gloves 330 mm

Suede - thickness 0.38 mm.

Size	6	7	8	9	10	11	€ the 12 pairs
Cat. No.	678000	678001	678002	678003	678004	678005	N/A -

Alphatec® 02-100 ex-Barrier® Gloves



A combination of 3 new technologies:

- a 5-layer film that offers resistance to a wide range of chemicals;
- a non-woven backing that has the same profile as the glove to ensure a snug and comfortable fit for both hand and wrist;
- a patented assembly technology that prevents the penetration of chemicals and which makes protective film and its support a single entity.

EN ISO 374-5:2016 EN ISO 374-1:2016 ABCEFGHIMS

- Against irreversible risks
- Product resistant film
- Ergonomically designed to fit the hand
- Integral non-woven backing promotes moisture absorption and wicking for a cooler, more comfortable fit
- Resistant to a wide range of chemicals, for handling or cleaning hazardous materials
- Thickness: 0.062 mm

Size Length	6 380 mm	7 380 mm	8 380 mm	9 380 mm	10 410 mm	11 410 mm	€ the pair
Cat. No.	678067	678068	678069	678070	678071	678072	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

SHOWA PVC gloves

B0700 L30



B0710 L60



EN 388:2016 2000X

EN 374-2:2003

ISO 374-1:2016 TYPE C

- **Unsupported PVC gloves (lint-free), second skin effect**
- **PPE Cat. III**
- **Powder-free**
- **Thickness: 0.30 mm**
- **Excellent chemical protection**
- **Waterproof, recommended for work in wet or greasy environments**
- **Textured finish for a good grip**
- **White**

S/7	M/8	L/9	XL/10	Units/ box	€/ box
SHOWA Gloves PVC B0700 clean white L30 length 300 mm					
924036	**924037**	**924038**	**924039**	10 pairs	**N/A -**
SHOWA Gloves PVC B0710 long clean white L60 length 600 mm - welded-in sleeve with elasticated edge - suspension eyelet					
924040	**924041**	**924042**	**924043**	10 pairs	**N/A -**



MAPA Chemical Protective Gloves

➤**A glove for every risk, choose from our selection of MAPA chemical protection gloves in latex, nitrile, neoprene or butyl**



TIP

Need help? Choose the glove material according to the products you handle by consulting our MAPA glove chemical resistance mini-guide: Enter de Cat No. on www.dulis.nl

Model	Material	Interior finish	Length/ Thickness	Standards	Description / Applications	Size	Bag 1 pair Cat. No.	€	Bag 10 pairs Cat. No.	€	Bag of 10 pairs lenght 370 mm Cat. No.	€
ALTO 285 CE Cat. 3	Natural latex	Chlorinated / Reinforced Grip	600 mm/ 1.00 mm	Type A ABKMPT 2131X	➔ **Description** • Optimised life span, good protection against knocks and shocks thanks to the thickness • Extended forearm protection • Rolled edge cuff ➔ **Applications** • Suitable for maintenance work in wet environments (water, oil, grease, hydrocarbons)	8	430119	N/A -	-	-	-	-
						9	430120	N/A -	-	-	-	-
						10	430121	N/A -	-	-	-	-
ULTRA NITRIL 492 & 491 CE Cat. 3	Nitrile	Flocking/ Pebbled embossing	320 mm/ 0.38 mm 370 mm/ 0.38 mm	Type A AJKOPT 4102X	➔ **Description** • Anatomical shape of the glove and the quality of the flocking: dexterity and comfort • Superior durability and mechanical resistance • Wrist: straight cuff ➔ **Applications** • Can be used in the presence of cutting oil, various solvents, paints and varnishes, PVC-based adhesives, coatings, sealants, detergents • Suitable for a variety of uses in the mechanical, chemical and municipal industries	6	430029B	N/A -	430029	N/A -	430035	N/A -
						7	430030B	N/A -	430030	N/A -	430036	N/A -
						8	430031B	N/A -	430031	N/A -	430037	N/A -
						9	430032B	N/A -	430032	N/A -	430038	N/A -
						10	430033B	N/A -	430033	N/A -	430039	N/A -
						11	430034B	N/A -	430034	N/A -		
ULTRA NITRIL 480 CE Cat. 3	Nitrile	Chlorinated/ Pebbled embossing	460 mm/ 0.55 mm	Type A AJKOPT 4102X	➔ **Description** • Optimised service life, good mechanical resistance (abrasion, puncture) • Good grip on slippery objects thanks to the pebbled embossing • Wrist: straight cuff ➔ **Applications** • Provides effective protection for intensive use of high-risk chemicals	7	430115B	N/A -	-	-	-	-
						8	430116B	N/A -	-	-	-	-
						9	430117B	N/A -	-	-	-	-
						10	430118B	N/A -	-	-	-	-
ULTRA NEO 420 CE Cat. 3	Neoprene	Flocking/ Pebbled embossing	310 mm/ 0.75 mm	Type A ALMNST 2121X	➔ **Description** • Flexibility of neoprene, comfort of flocking for an easier movement • Good grip thanks to the pebbled embossing. • Wrist: straight cuff ➔ **Applications** • Suitable for handling many chemicals, industrial cleaning and glue work	6	-	-	430122	N/A -	-	-
						7	-	-	430123	N/A -	-	-
						8	-	-	430124	N/A -	-	-
						9	-	-	430125	N/A -	-	-
						10	-	-	430126	N/A -	-	-
BUTOFLEX 650 CE Cat. 3	Butyl	Supported textile/ Anti-slip surface	350 mm/ 1.5 mm	Type A ABCILMNOS 1121X	➔ **Description** • Exceptional comfort, thanks to MAPA textile support technology • Very resistant glove suitable for many uses • Wrist: scalloped cuff ➔ **Applications** • Excellent chemical resistance to highly corrosive acids, ketones, esters and amine derivatives Suitable for use in the cosmetic and pharmaceutical industries, as well as in the laboratory	7	430047	N/A -	-	-	-	-
						8	430048	N/A -	-	-	-	-
						9	430050	N/A -	-	-	-	-
						10	430051	N/A -	-	-	-	-
						11	430054	N/A -	-	-	-	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

Cotton knitted gloves



High quality cotton gloves in natural colours.
- Lightweight cotton, length 215-235 mm.

Size	7	9	€ the 12 pairs
Lightweight cotton	678116	678118	N/A -

Sufracold gloves



- In Lycra® polypropylene
- For small manipulations in cold environments
- Can be used as an underglove
- Tight mesh, perfect fit, limited dirt penetration
- Blue
- Length: 23 cm
- One size fits all
- Category I minor risks, according to EN 420-94

Cat. No.	Description	€ the pair
302054	Sufracold glove	N/A -

Cotton mitt



- Polyester/cotton interlock jersey glove
- Ambidextrous, flat cut, ecru ribbed cuff
- One size fits all
- PPE - Category I - minor risks

Cat. No.	Description	€ the pair
940115	Interlock jersey mitt - one size	N/A -



Need help? You can find our explanatory page on glove standards and regulations on the first page of the Hygiene chapter and consult our technical guides on www.dulis.nl

WHAT IS A MECHANICAL PROTECTION GLOVE?

The "mechanical risks" pictogram is accompanied by a 4-digit code, according to the standard EN 388:2003. EN 388:2016 standard introduces two new factors (E and F) to measure the mechanical strength of gloves according to EN ISO 13997. In all cases, o indicates the lowest level of performance.



Tests	Performance levels					
	0	1	2	3	4	5
A. Resistance to abrasion (cycles)	‹ 100	100	500	2000	8000	-
B. Blade cut resistance (factor)	‹ 1.2	1.2	2.5	5.0	10.0	20.0
C. Tearing resistance (Newton)	‹ 10	10	25	50	75	-
D. Puncture resistance (Newton)	‹ 20	20	60	100	150	-
E. Cut resistance according to ISO standard (Newton)	A /2	B /5	C /10	D /15	E /22	F /30
F. Impact protection according to EN standard	Success (P) or failure (no marking)					

Level X: the test is not applicable or the glove has not been tested. Sources: shieldscientific.fr and ansell.fr

Jackson Safety* G40 Gloves

Handling gloves for mechanical tasks.
Nitrile foam-coated gloves

- **PURPLE NITRILE* foam coating for high durability**
- **High tactile sensitivity for good dexterity**
- **EN 388: 4131**
- **Excellent grip in both wet and dry conditions**
- **Palm protection against non-acidic solutions (gloves are not intended as protection against liquid chemicals)**
- **Knitted structure, black nylon**
- **Seamless design for better comfort**





Size	7	8	9	10	11	€ the 12 pairs
Cat. No.	038964	038965	038966	038967	038968	N/A -

MAPA Cut resistant gloves



Model	Material	Interior finish	Exterior finish	Length (mm)	Standards	Description / Applications	Size	Cat. No.	Packaging unit	€
KRYTECH 586 CE Cat. 2	Polyur--ethane	Seamless, knitted, in HDPE fibre	PU palm and finger finish	240 to 300 mm (depending on size)	4X43D ISO 13997 18N(1835g)	→ Description • Comfort and protection against the risk of cuts • Knitted cuff → Applications • Particularly suitable for fine handling in low-dirt environments	6	430040	Bag of 12 pairs	N/A -
							7	430041		N/A -
							8	430042		N/A -
							9	430043		N/A -
							10	430044		N/A -
							11	430045		N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

SHOWA B0500 palm fit white gloves



- Seamless nylon/polyester knitted gloves
- Polyurethane coated palm
- Without natural latex
- Abrasion and tearing resistance

Size	S/6	M/7	L/8	XL/9	XXL/10	€ the 10 pairs
Length (mm)	205	230	240	260	275	
Cat. No.	924004	924005	924006	924007	924008	N/A -

SHOWA HPPE Palm fit gloves



Anti-cut and anti-abrasion.

- Made of HPPE with polyurethane coating
- Minimal risk of allergy
- Breathable back of the hand
- Length 210 - 260 mm, depending on size
- Standard EN 388-2003 4241

Size	6/S	7/M	8/L	9/XL	10/XXL	Units/ box	€/ box
Cat. No.	924052	924053	924054	924055	924056	10 pairs	N/A -

Mechanical protection gloves



GemoMech® 664



GemoMech® 665+

Model	Material	Finish	Length/ Thickness	Standards	Description/Application	Size	Cat. No.	€ the pair
GemoMech® 664	Nitrile, polyamide Nitrile foam	Different color border depending on the size	215 to 270 mm/ 1.3 mm	EN 388 3121	• Good grip on wet and oily parts • Very good dexterity • Excellent mechanical resistance	6	302014	N/A -
						7	302015	N/A -
						8	302016	N/A -
						9	302017	N/A -
						10	302018	N/A -
						11	302019	N/A -
GemoMech® 665+	Nitrile, polyamide/ Dots: nitrile, foam nitrile					6	302020	N/A -
						7	302021	N/A -
						8	302022	N/A -
						9	302023	N/A -
						10	302024	N/A -
						11	302025	N/A -



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SHOWA 381 Gloves



Non-slip (oil-resistant grip).

- **Polyester and microfibre spandex coating, microporous foamed nitrile lining**
- **Heat dissipation through micropores and sweat absorption through microfibres**
- **Excellent tactile sensitivity: 0.84 mm thick at the fingers**
- **Length 220 - 260 mm, depending on size**
- **Standard EN 388-2003 4121**

Size	6/S	7/M	8/L	9/XL	Units/ box	€/ box
Cat. No.	924061	924062	924063	924064	10 pairs	N/A -

Hexarmor needle stick resitant arm guard



Cuff with SuperFabric insert needle stick resistant, all around the forearm.

- **Does not slip while working**
- **Spandex cuff with thumb hole**
- **Lightweight and less hot than leather or Kevlar cuffs**
- **Ambidextrous, sold individually**
- **EN 388: 4501**

Size	7	8	9	10
Cat. No.	790056	790057	790058	790059
€	N/A -	N/A -	N/A -	N/A -

PicGuard™Needle stick Undergloves

- **High performance thin glove with needle stick resistance**
- **Low thickness (0.5 mm) and flexibility for good tactile sensitivity**
- **Length: 270 mm**
- **PPE cat. II, CE marking, EN 388: 4444, ASTM 1342**
- **Can be worn alone or as an underglove**
- **Breathable, lightweight, washable**

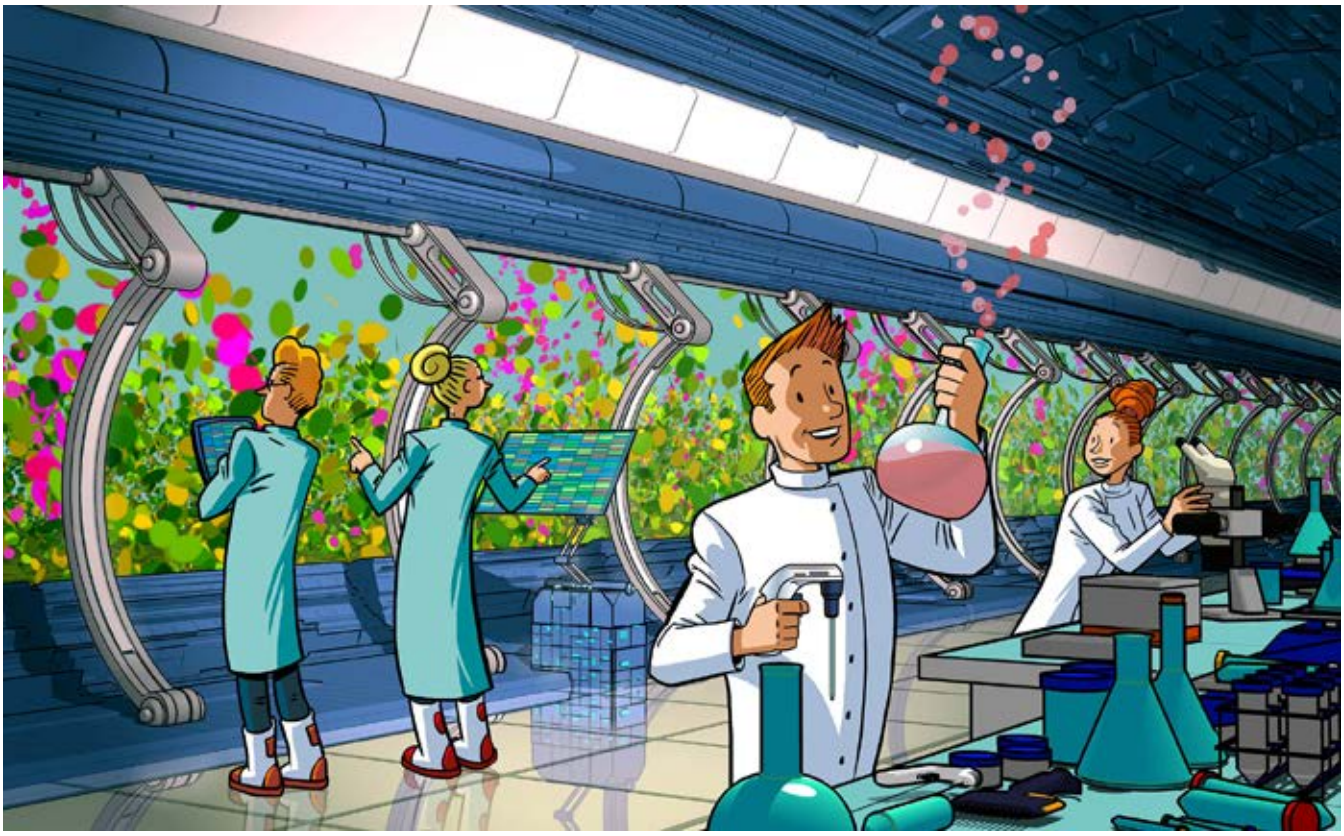
EN 388
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Composition

- Made of coolmax polyester (lightness, breathability)
- One-piece protective layer: polyester-viscose (anti-bacterial and thermo-regulating), para-amide (cut resistant), polyurethane and ceramic coating (needle stick & puncture resistant)

Size	S (7)	M (8)	L (9)	XL (10)	€ the pair
Cat. No.	828382	828383	828384	828385	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

WHAT IS A THERMAL PROTECTION GLOVE - COLD ?

The EN 511 standard applies to all gloves that protect the hands against convective and contact cold down to -50 °C. The pictogram "risk by cold" is accompanied by a 3-digit number.



Tests	Performance levels					
	0	1	2	3	4	5
A. Convective cold resistance: convective cold transfer (thermal insulation in m², °C/W)		≥ 0.10	≥ 0.15	≥ 0.22	≥ 0.30	-
B. Resistance to contact cold: thermal resistance on contact with a cold object (thermal resistance in m², °C/W)		≥ 0.025	≥ 0.050	≥ 0.100	≥ 0.150	-
C. Water permeability after 30 min. exposure	Water penetration	No water penetration	-	-	-	

Level X: the test is not applicable or the glove has not been tested.

WHAT IS A THERMAL-HOT PROTECTION GLOVE?

The standard EN 407: 2004 defines the requirements and test methods against thermal, heat and/or fire hazards. The pictogram is accompanied by 6 numbers illustrating the level of protection: index from 0 to 4.



Tests	Performance levels				
	0	1	2	3	4
A. Flammability /fire behaviour resistance: flame persistence time (s.), the time during which the material remains ignited and then continues to burn after the source of ignition has been removed		≤ 20 s	≤ 10 s	≤ 3 s	≤ 2 s
B. Contact heat resistance: temperature at which the wearer of the gloves will not feel any pain for a period of at least 15 s.		100 °C	250 °C	350 °C	500 °C
C. Convective heat resistance: heat transfer in seconds, time during which the glove is able to delay the heat transfer of a flame		≥ 4 s	≥ 7 s	≥ 10 s	≥ 18 s
D. Radiant heat resistance: heat transmission in seconds, the time during which the glove is able to delay heat transfer when exposed to a radiant source		≥ 5 s	≥ 30 s	≥ 90 s	≥ 150 s
E. Resistance to small splashes of molten metal: amount of molten metal required to achieve a temperature rise of 40 °C (number of drops)		≥ 5	≥ 15	≥ 25	≥ 35
F. Resistance to large splashes of molten metal mass (g) of molten metal required to cause a superficial burn		≥ 30 g	≥ 60 g	≥ 120 g	≥ 200 g

Level X: the test is not applicable or the glove has not been tested. Sources: shieldscientific.fr and ansell.fr

MAPA Thermal protection gloves

➤ **For all work requiring protection against extreme temperatures**



TEMPDEX 710



TEMPDEX 720



TEMPCOOK 476

Model	Material	Interior finish finish	Length/ Thickness	Standards	Description / Applications	Size	Cat. No.	Packaging unit	€
TEMPDEX 710 CE Cat. 2	Nitrile sand	Knitted seamless/ Nitrile coating and dot embossing on palm and fingers	240 to 280 mm (depending on size)	4111X X1XXXX	➔ **Description** • Dexterity assured: thinness and anatomical shape of the glove • Superior durability: excellent abrasion resistance • Special Nitrile Grip coating for medium oily environments • Knitted cuff ➔ **Applications** • For handling hot items (maximum recommended temperature: 125 °C) and slightly oily • Protects against cuts (720 only)	7	430127B	Bag of 10 pairs	N/A -
						9	430056B		N/A -
						11	430057B		N/A -
TEMPDEX 720 CE Cat. 2		Seamless knitted made from aramid fibres/ Nitrile coating, dot embossing on palms and fingers		4343B X2XXXX		7	430058	Bag of 12 pairs	N/A -
						9	430059		N/A -
						11	430060		N/A -
						7	430058B	Bag of 1 pair	N/A -
						9	430059B		N/A -
						11	430060B		N/A -
TEMPCOOK 476 CE Cat. 3	Nitrile	Thermal protection knit / Anti-slip surface	450 mm	4443D X2XXXX 111 Type A AFGJOT	➔ **Description** • thermal protection up to 250 °C • Washable, resistant to oils, greases and major detergents. • Sizes: 9 = small, 11 = medium, 12 = large. Allow two extra sizes for the inner thickness. ➔ **Applications** • Autoclaves and food processing applications	9	430128B	Bag of 1 pair	N/A -
						11	430129B		N/A -
						12	430130B		N/A -

Heat Protection Gloves



- ➤ **Heat resistant, protection up to 370 °C**
- ➤ **Low thermal conductivity**
- ➤ **Double layer, knitted**
- ➤ **Washable, non-shrinking**
- ➤ **Good chemical resistance**
- ➤ **In nomex, asbestos-free**
- ➤ **Also suitable for use at low temperatures**
- ➤ **Available in 3 sizes and 2 lengths (30 or 52 cm)**
- ➤ **Tested against EN388 (1, x 4, x) and EN 407**
- ➤ **CE marking**

Size	Gloves L = 30 cm	€ the pair	Gloves L = 52 cm	€ the pair
Small	446650	N/A -	446654	N/A -
Medium	446651	N/A -	446655	N/A -
Large	446652	N/A -	446656	N/A -
Extra Large	446653	N/A -	446657	N/A -

High temperature protective gloves

Insulating gloves for handling hot objects (from the oven, autoclave, drying ovens). Protection up to 232 °C.

- Asbestos-free
- Made of washable cotton
- Orange
- One size fits all

Cat. No.	Cuff length (cm)	Total length (cm)	€ the pair
045888	13	33	N/A -
045889	28	47	N/A -



SHOWA insulated nitrile foam grip gloves

Cold protection and anti-slip (oil resistant grip).

- Knitted polyester/nylon, acrylic lining with nitrile coating
- Seamless knitting
- Waterproof, well protected wrist
- Length 250 - 280 mm, depending on size

Size	7/M	8/L	9/XL	10/XXL	Units/ box	€/ box
Cat. No.	924057	924058	924059	924060	5 pairs	N/A -



SHOWA TEMRES Gloves

Protection against the cold while being breathable.

- Nylon and acrylic lining, with polyurethane coating
- Waterproof
- Breathable membrane between the coating and the lining
- Length 270 - 280 mm, depending on size
- Standard EN 420 EN 388-2003 4221 EN 551-2006 021

EN 388:2003 4221
EN 511:2006 021

Size	8/M	9/L	10/XL	11/XXL	Units/ box	€/ box
Cat. No.	924048B	924049B	924050B	924051B	10 pairs	N/A -



Versa-Touch® Gloves

Blue thermal protection gloves made of acrylic spandex, PVC coating with knitted wrist cuff.

- Acrylic support: comfort and thermal insulation
- Applications: biotechnology and food industry (storage, handling and transport of frozen products)
- For use as under-gloves in meat/fish processing operations
- Micro-dot embossing on the palm ensure a good grip
- If worn as an underglove: cut protection
- Protection against contact cold: level 1
- Latex-free: no risk of type I allergies

Cat. No.	Length (mm)	Support	Coating	Cuff	Size EN	€ the pair
678229	230	Acrylic	PVC	Knitted cuff	7	N/A -
678230	260	Acrylic	PVC	Knitted cuff	9	N/A -



Versilic® Protective Mitt

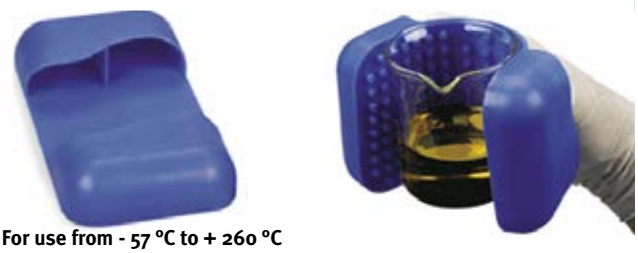
- CE compliant
- Easy to handle
- Use up to 200 °C
- Protects hands from extreme temperatures when handling
- Dot embossing provides a good grip

EN 407:2004 4X2X
EN 511: 2006 X2X
EN 388: 2004 4X2X

Cat. No.	Description	€
260426	Protective mitt made of Versilic®	N/A -



Grabbit Silicone Mitt



- For use from - 57 °C to + 260 °C
- Dot embossing for a better grip

Cat. No.	Description	Total length (mm)	€
037961	Grabbit protective mitt	177 x 100 x 32	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

VICOLAB Thermal Resistant Gloves



- Temperature resistant from -60 °C to 300 °C
- Silicone, flexible
- Machine washable
- Length 37 cm
- Watertight

	White	Light blue	Black	€
Cat. No.	041350	041351	041352	54.99 -

Cryoprotective apron



100% waterproof apron for protection against liquid nitrogen splashes in cryogenic atmosphere.

- Reversible
- Adjustable neck and waist cords

Cat. No.	Length	€
035832	0.1 m	N/A -
035533	1.6 m	N/A -
035535	1.1 m	N/A -
035534	1.7 m	N/A -

Cryogloves





Gloves for protection against very low or hot temperatures, consisting of a nylon outer shell and a polyester-cotton liner protected by a polyolefin film.

- Flexible, comfortable, warm, even after prolonged exposure to the cold
- Machine washable and dryable

2 models for 2 types of use

Model	Standard	Waterproof
Applications	Ultra-cold	Cryogenic atmosphere
	Very low temperature freezer Cold room Handling of dry ice	Atmosphere or liquid nitrogen environment Coolant bars Cryogenic grinding

- 5 finger glove in 4 lengths
  - Wrist: 30 cm
  - Mid-forearm: 38 cm
  - Elbow: 50 cm
  - Shoulder: 68 cm

NB: Never dip the glove directly into liquid nitrogen.



CE Cat. III EN 420 EN 511 32X EN 388

Model	Standard					Waterproof				
Size	Small (S)	Medium (M)	Big (L)	Extra large (XL)	€ the pair	Small (S)	Medium (M)	Big (L)	Extra large (XL)	€ the pair
5 finger glove 30 cm	035501	035502	035503	035504	N/A -	035517	035518	035519	035520	N/A -
5 finger glove 38 cm	035505	035506	035507	035508	N/A -	035521	035522	035523	035524	N/A -
5 finger glove 50 cm	035509	035510	035511	035512	N/A -	035525	035526	035527	035528	N/A -
5 finger glove 68 cm	035513	035514	035515	035516	N/A -	035529	035530	035531	035532	N/A -

Cold protection gloves



EN 511 22X

- For use with material stored in liquid nitrogen or at low temperature
- Very good insulation, thinner gloves allowing great dexterity
- Synthetic fibre for better flexibility
- Water resistant
- Waterproof coating
- With suspension ring
- CE marking

Size	Gloves L = 37 cm	€ the pair	Gloves L = 50 cm	€ the pair	Gloves L = 60 cm	€ the pair
Small	446658	N/A -	446662	N/A -	446670	N/A -
Medium	446659	N/A -	446663	N/A -	446671	N/A -
Large	446660	N/A -	446664	N/A -	446672	N/A -
Extra Large	446661	N/A -	446665	N/A -	446673	N/A -



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AIR LIQUIDE cryo gloves and protective apron

AIR LIQUIDE Cryo Gloves

Protective gloves against mechanical risks, industrial cold and gas projections.

- **Made of blue water-reppelent full grain leather 1 mm thick**
- **Lined with wool fleece**
- **CE marking**
- **EN 420: general requirements, dexterity**
- **EN 388: mechanical risks, abrasion, blade cut, puncture.**

Size	Small (Size 8)	Medium (Size 9)	Large (Size 10)	Extra large (size 11)
Cat. No.	**082661**	**082662**	**082663**	**082664**
€/ the pair	**N/A -**	**N/A -**	**N/A -**	**N/A -**





AIR LIQUIDE protective apron

- **Made of siliconized cotton**
- **Against the risk of liquefied gas splashing**
- **To be combined with gloves**

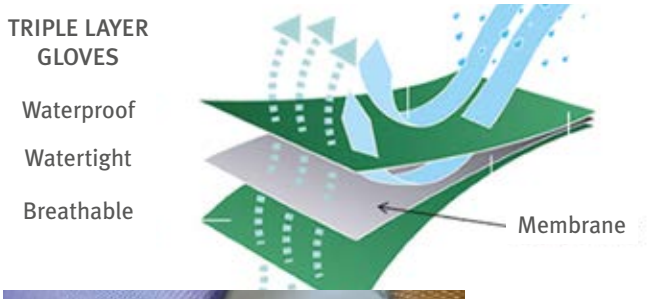
Cat. No.	Description	€
082665	Protective apron (one size fits all)	**N/A -**

Cryokit protective equipment

- **Cryokit gloves, waterproof and breathable, triple layer**
  - Cryokit gloves - Premium range: top of the range cryogenic gloves in black/blue waterproof multilayer fabric (240 g/m²)
  - Cryoplus gloves - Standard range: cryogenic gloves in blue waterproof fabric, multilayer protection
- Face Shield and Goggles
  - Clear-Cryo*: heavy duty Face Shield with adjustable harness and rigid polycarbonate shield, tested for liquid nitrogen
  - Vision-Cryo*: goggles
  - **tested for liquid nitrogen*
- **Aprons**
  - Cryo-Light: in blue wax effect fabric, waterproof
  - Cryo-Plus: in blue waterproof fabric



Other kit compositions on request: contact us
Items available individually on www.dulis.nl





Cryokit Case



- **Standard size case, grey plastic**
- **Protection, flexibility and dexterity from -196 °C to +150 °C**

Kit Contents:
- 1 pair of gloves
- 1 Cryo-light apron 90 cm
- 1 pair of overshoes
- 1 Clear-Cryo Face Shield
- 1 Cryokit carrying case

Gloves	Length (cm)	Size 8	Size 9	Size 10	€ per pair
CryoPlus 2.0	38	**005259**	**005260**	**005261**	**N/A -**
CryoPlus 2.1	38	**005264**	**005265**	**005266**	**N/A -**
CryoPlus 2.1	45	**005269**	**005270**	**005271**	**N/A -**
CryoPlus 2.1	55	**005273**	**005274**	**005275**	**N/A -**
CryoPlus 2.1	65	**005277**	**005278**	**005279**	**N/A -**
Cryokit 400	40	**005282**	**005283**	**005284**	**N/A -**
Cryokit 550	55	**005286**	**005287**	**005288**	**N/A -**

Bluebox case



- **Blue plastic slim suitcase**
- **Fleece inner insulation, very soft glove**
- **Protection, flexibility and dexterity from -196 °C to +150 °C**

Kit Contents:
- 1 pair of gloves
- 1 Cryo-Plus apron 90cm
- 1 pair of Vision-Cryo protection goggles
- 1 Bluebox carrying case

Gloves	Length (cm)	Size 8	Size 9	Size 10	€ per pair
CryoPlus 2.0	38	**005297**	**005298**	**005299**	**N/A -**
CryoPlus 2.1	38	**005302**	**005303**	**005304**	**N/A -**
CryoPlus 2.1	45	**005307**	**005308**	**005309**	**N/A -**
CryoPlus 2.1	55	**005311**	**005312**	**005313**	**N/A -**
CryoPlus 2.1	65	**005315**	**005316**	**005317**	**N/A -**
Cryokit 400	40	**005320**	**005321**	**005322**	**N/A -**
Cryokit 550	55	**005324**	**005325**	**005326**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

ENDOproteclab Disposable masks



- Polypropylene non-woven 2-layer 25 g/m² and filter layer
- One size fits all: 175 x 95 mm with elastic band and integrated nose bridge
- With CE marking

Colours	White	Green	Units/ box	€/ box
Cat. No.	942690	942691	50	N/A -

Economical Paper Mask



Filter paper mask with elastic band. 2-ply.

Cat. No.	Description	Units/ box	€/ box
030653B	Paper Mask - 2 ply	100	N/A -

3-ply masks with elastic or ties



3-ply non-woven polypropylene mask with elastic or ties.

- 0.3 cm aluminium nose bridge
- Green
- High filtration capacity

Cat. No.	Description	Units/ box	€/ box
030698	3-ply green mask with ear band	50	N/A -
030756	3-ply green mask with ties	50	N/A -

Aérokyn® High Filtration Mask



Non-sterile high filtration mask with ear elastics, 3-ply, Type II.

- Standard EN 14683
- Bacterial and viral filtration efficiency: EFB ≥ 98 %
- Differential pressure: DP ‹ 29.4 Pa
- Without glass fibre
- Ultrasonic welding assembly
- Odourless, latex-free
- Aluminium nose bridge

Cat. No.	Description	Units/ box	€/ box
030780	Aérokyn®masks, high filtration	50	N/A -

Fluidshield®Masks



Masks with high bacterial filtration capacity, lined with an air-permeable film and protecting against splashes.

- Non-allergenic, liquid repellent
- With or without transparent panoramic shield for eye protection against splashes

Cat. No.	EFP* (µm)	EFB** (µm)	Binding	Liquid resistance	Shield	Units/ box	€/ box
062001	0.1	3	Earloop Spandex	Yes	No	40	N/A -
062002*	0.1	3	Earloop Spandex	Yes	Yes	25	N/A -
062003	0.1	3	Polypropylene Tie	Yes	No	50	N/A -

*EFP: particle retention **EFB: bacteria retention

Spandex®High Filtration Masks



- "Non-woven" mask
- Non-irritating, latex-free
- Filtration power greater than 99.2%
- Great comfort
- Easier to breathe

Cat. No.	EFP* (µm)	EFB** (µm)	Binding	Liquid resistance	Colours	Units/ box	€/ box
062104	0.1	3	Earloop Spandex®	No	Blue	50	N/A -
062105	0.1	3	Polypropylene Tie	No	Blue	50	N/A -

*EFP: particle retention **EFB: bacteria retention

3-layer Mask with Shield



- Anti-fog visor
- Surgical quality
- Earloop or tie
- In a dispenser box of 25 masks

Colour	Elastic		Tie	
	Cat. No.	€ 25 units	Cat. No.	€ 25 units
White	683515	N/A -	-	-
Blue	683516	N/A -	683519	N/A -
Green	683517	N/A -	683520	N/A -
Green	030844	N/A -	-	-

Shell Mask



Polyester fibre mask with elastic adhesive tape and aluminium nose bridge. Filtration rate: 95 %.

Cat. No.	Description	Units/ box	€/ box
030618	Shell Mask	50	N/A -

FluidShield® PFR95®Respirator mask

Respirator mask and surgical mask.

- Polyurethane tie
- Nose bridge
- EFP: 1 µm / EFB: 3 µm
- Orange
- Non-sterile, single use
- Latex-free
- Dimensions: 253 x 100 mm



Cat. No.	Description	Units/ box	€/ box
062004	FluidShield® PFR95® Respirator Mask, N95	35	N/A -

Foldable hygiene mask

- Made of polypropylene with elastic support
- In a dispenser box of 50 masks





Cat. No.	Colours	€ 50 units
683521	White	N/A -

Duckbill Face Mask Respirator

- Single use, without breathing valve
- Particle filtering half mask - designed to protect against solid and liquid aerosols
- Latex-free elastic ties
- 4 layers of polypropylene, one of which is a melt-blown filter layer
- Soft nose bridge
- Recommended wearing time: 4 hours
- Classified as FFP2, in accordance with the European standard EN 149:2001
- CE marking according to the European 89/686/EEC (SGS)



Cat. No.	Description	Units/ box	€/ box
030782	Duckbill Mask	100	N/A -

SAFEMASK PREMIUM Face Masks Respirators

- Single-use masks protecting against solid and liquid particles
- PPE Cat. III
- Double certification PPE and DM class I, type IIR (FFP1 and FFP2 masks): EFB › 98 %; microbial cleanliness ≤ 30CFU/g
- PP non-woven filter material
- Polypropylene and metal nose bridge, ultrasonically welded
- Synthetic elastic double ties



White	Colour Blue	Filtration level	Packaging	€ the box of 50
-	475221	FFP1 NR D	In dispenser box	N/A -
475222	475223	FFP1 NR D	Individual bag packaging	N/A -
475217	475216	FFP2 NR D	In dispenser box	N/A -
-	475225	FFP2 NR D	Individual bag packaging	N/A -

SterØmask - UV disinfection unit for surgical masks and FFP2

- Extends the life of single-use masks without valves
- Up to 4 treatments per mask
- Ultra fast disinfection, automated treatment and continuous UV-C dose control
- Viral and bacteriological disinfection in 1 minute for a pleated mask
- Viral and bacteriological disinfection in 3 minutes for a FFP2 mask
- 99.99% inactivation of viruses and bacteria
- Disinfection in 1 min, sterilisation in 3 min.
- With a specially designed holder for optimal mask attachment
- Precise and reproducible positioning in height, width and depth
- Adapts to the geometry of each type of mask, ensures proper tension of the entire mask surface
- Quick and easy installation at no cost
- Use up to 25 000 cycles

Material	Stainless steel
Dim. L x D x H (mm)	450 x 350 x 350
UV wavelength (nm)	254
Rated voltage	220 V / 50 Hz
Power (W)	150
Weight (kg)	15
COVID-19 Disinfection time	‹ 1 min.
Sterilisation time	‹ 3 min.
Cat. No.	005550
€	N/A -





All prices are indicative and exclude VAT. Visit www.dulis.nl

MOLDEX dust and smoke masks

- FFP shell masks, proven and durable
- Made in Europe
- DuraMesh® design: strong and durable, keeps mask in shape
- ActivForm® technology: no nose clip required
- Masks have passed the Dolomite clogging test, certified to EN 149:2001+A1:2009

Classic Series



- Loop strap for quick, simple and safe on and off

Cat. No.	Protection Level	Valve	Units/ box	€/ box
265021	FFP1 NR D	Without	20	N/A -
265022	FFP1 NR D	Ventex®	20	N/A -
265025	FFP2 NR D	Without	20	N/A -
265004	FFP2 NR D	Ventex®	20	N/A -
265029	FFP3 NR D	Ventex®	20	N/A -

Smart Series



- Loop strap with clip, quick and easy to put on and take off
- Comfortable nose seal

* acid gases ** acid gases + ozone

Cat. No.	Protection Level	Valve	Units/ box	€/ box
265023	FFP1 NR D	Ventex®	20	N/A -
265026	FFP2 NR D	Ventex®	20	N/A -
265005	FFP3 NR D	Ventex®	10	N/A -
265006	FFP2 NR D + gas* ‹ TLV (activated carbon)	Ventex®	10	N/A -
265093A	FFP2 NR D + ozone	Ventex®	10	N/A -
265028	FFP3 NR D + gas** ‹ TLV (activated carbon)	Ventex®	10	N/A -

Smart Pocket Series



- Folded masks in individual packaging
- Comfortable nose seal
- Loop strap with clip

Cat. No.	Level of protection	Valve	Units/ box	€/ box
265094A	FFP2 NR D	Ventex®	10	N/A -
265030	FFP3 NR D	Ventex®	10	N/A -

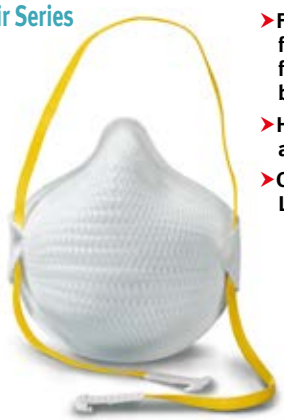
Smart Solo Series



- Masks with single strap and headpiece
- Quick insertion and removal even with gloves
- Comfortable nose seal

Cat. No.	Level of protection	Valve	Units/ box	€/ box
265024	FFP1 NR D	Ventex®	20	N/A -
265027	FFP2 NR D	Ventex®	20	N/A -

Air Series



- FFP masks with AirWave folded filter technology: 260% more filter surface and significantly reduced breathing resistance
- High filtration capacity and longer usage time
- Comfortable nose seal, Loop strap with clip

Cat. No. size S	Cat. No. size M/L	Level of protection	Valve	Units/ box	€/ box
265008	265031	FFP2 NR D	Without	10	N/A -
265009	265007	FFP2 NR D	Ventex®	10	N/A -
265033	265032	FFP3 NR D	Without	10	N/A -
265011	265010	FFP3 NR D	Ventex®	10	N/A -

Air Plus Series



- Reusable FFP masks with AirWave folded filter technology: 260% more filter surface and significantly reduced breathing resistance
- High filtration capacity and longer usage time
- Complete washable seal made of hypoallergenic TPE, sliding tie with closing clip

Cat. No.	Level of protection	Valve	Units/ box	€/ box
265034	FFP2 R D	Ventex®	5	N/A -
265035	FFP3 R D	Ventex®	5	N/A -
265096A	FFP2 R D	Provalve® (reduction of exhalation condensation)	5	N/A -
265097A	FFP3 R D	Provalve® (reduction of exhalation condensation)	5	N/A -

Accessory

Cat. No.	Description	€
265130	FFPak Storage Case for Shell Mask	N/A -

MOLDEX masks with fixed cartridges

MOLDEX Compact Mask Integrated Filter Half Masks

- **Ultra-compact, ready-to-use, maintenance-free half-mask**
- **Wide field of vision, total freedom of movement**
- **FlexFit technology: adjusts to any face shape**
- **Folded filters for low breathing resistance and long durability**
- **Lightweight and comfortable (between 210 and 270 g per mask)**
- **Complies with EN 405:2001**



Cat. No.	Protection Level	Units/ box	€/ box
265038	FFA1 P2 R D	1	**N/A -**
265040	FFA2 P3 R D	1	**N/A -**
265042	FFA1B1E1K1 P3 R D	1	**N/A -**
265041	FFA1B1E1 P3 R D	1	**N/A -**
265098	Pre-filters for Compact Mask	10	**N/A -**

MOLDEX masks with removable cartridges

MOLDEX Half Masks Series 7000

- **Reusable half-masks to be completed with side filters**
- **Easy cleaning and maintenance without tools**
- **DropDown option to wear the mask around the neck during breaks**
- **With EasyLock® filter system: easy to attach**
- **Complies with EN 140:1998**



Description	Size S	Size M	Size L	€
Mask body in TPE: soft and comfortable to wear; suitable for most uses	**265055**	**265056**	**265057**	**N/A -**
Silicone face piece: soft and comfortable to wear even in extreme temperatures	**265109A**	**265110A**	**265111A**	**N/A -**

MOLDEX Full Face Masks Series 9000

- **Extremely light (360 g) full face mask with panoramic lens**
- **Easy to place and remove**
- **Easy maintenance and cleaning without tools**
- **EasyLock® filter connectors: easy to attach, or EN 148-1**
- **No adapters or extra parts required**
- **Mask body in TPE, soft, hypoallergenic**
- **Complies with EN 136:1998 Classe 2**



Description	Size S	Size M	Size L	€
Masks with EasyLock® filter connectors	**265076**	**265077**	**265078**	**N/A -**
Masks with filter connectors EN 148-1	**265079**	**265080**	**265081**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Filters for MOLDEX masks

EasyLock® gas filters for 7000 and 9000 series

Cat. No.	Protection Level	Units/ box	€/ box
265122A	A1	10	**N/A -**
265088	A2	8	**N/A -**
265123A	ABE1	10	**N/A -**
265124A	ABEK1	10	**N/A -**
265126A	A2B2E1	8	**N/A -**
265127A	AX	8	**N/A -**
265129A	ABEK2	8	**N/A -**

EasyLock® Particle Filters for 7000 and 9000 Series

Cat. No.	Protection Level	Units/ box	€/ box
265082	P1 R	20	**N/A -**
265083	P2 R	20	**N/A -**
265084	PR R + ozone	12	**N/A -**
265085	P3 R	12	**N/A -**
265086	P3 R + ozone	12	**N/A -**

EasyLock® combined gas and dust filters

Cat. No.	Protection Level	Units/ box	€/ box
265087	A1 P2 R	8	**N/A -**
265089	A2 P3 R	6	**N/A -**
265125A	ABEK1 P3 R	6	**N/A -**
265128A	ABEK1Hg P3 R	6	**N/A -**

Mask + filter packs

➤ **Ready to use box with mask (size M) and filters**

Cat. No.	Mask series	Protection Level	€
265113A	7000	A1 P2 R	**N/A -**
265058	7000	A2 P3 R	**N/A -**
265059	7000	A1B1E1K1 P3 R	**N/A -**
265090	9000	A1B1E1K1 P3 R	**N/A -**



Gaseous and vaporous pollutants

Type	Protection factor	Category of pollutants	Examples
A1	50 x TLV or 1000 ppm	Organic gases and vapours with boiling points >65 °C	Paint solvents, adhesives, pesticides..
A2	50 x TLV or 5000 ppm	Organic gases and vapours with boiling points >65 °C; same as A1 but with higher concentrations	Paint solvents, adhesives, pesticides..
ABE1	50 x TLV or 1000 ppm	Organic gases and vapours with boiling points >65 °C (A1) + inorganic gases and vapours (B1) + acid gases (E1)	B1: chlorine, bromine, hydrogen sulfide, cyanogen chloride; E1: nitric acid, sulfur dioxide, hydrochloric acid
ABEK1	50 x TLV or 1000 ppm	Combined filter A1, B1, E1, K1 (Ammonia and derivatives)	

Particulate pollutants

Type	Features	Protection Level	Specifications
P1 R* D**	4 x TLV	Dusts, fumes, mists with water or oil as liquid phase; aerosols	Non-toxic dusts, cellulose, coal, lime, pollen, sugar
P2 R D	12 x TLV	Fine and toxic dusts, mists with water or oil as liquid phase, aerosols, group 2 biological agents	Same as FFP1 but in higher concentrations; toxic dusts, aluminium oxide, bauxite, borax, brick dust, cement, gypsum, calcium oxide, concrete dust, granite, lead dusts and fumes, mould, softwood dusts, zinc oxide smoke
P3 R D	48 x TLV	Hazardous and carcinogenic dusts, mists with water or oil as liquid phase, aerosols; Group 2 and 3 biological agents; CMR substances.	Same as FFP2 but in higher concentrations; carcinogens, ceramic fibres, brake dust, chromates, chromium, cobalt, nickel, hardwood dust, micro-organisms, radioactive and biochemically active aerosols, enzymes, viruses
ABEK1	50 x TLV or 1000 ppm	combined filter A1, B1, E1, K1 (Ammonia and derivatives)	

* R: reusable ** D: tested for dolomite dust clogging - *source: Moldex*

3M C100 series Dust Shell Mask



➤ **Disposable masks**
➤ **Synthetic elastic**
➤ **Adjustable nose bridge**
➤ **Light**
➤ **Crush resistant**
➤ **Version with or without valve**

Cat. No.	Description	Units/ box	€/ box
950274	FFP1 NR D Mask	20	**N/A -**
950276	FFP1 NR D mask with valve	10	**N/A -**
950275	FFP2 NR D Mask	20	**N/A -**
950277	FFP2 NR D mask with valve	10	**N/A -**

VFlex folding dust masks

- Complies with EN 149:2001 + A1:2009
- V-shaped masks: comfortable to wear, easy to breathe and communicate
- Latex-free elastics
- Flat storage: space saving
- Aluminium nose bridge
- Clear field of view



Cat. No.	Protection	Units/ box	€/ box
955478	FFP1 NR D	25 x 40	N/A -
955479	FFP1 NR D with valve	15 x 20	N/A -
955480	FFP2 NR D	50 x 8	N/A -
955480A	FFP2 NR D	50	N/A -
955481	FFP2 NR D with valve	15 x 20	N/A -
955481A	FFP2 NR D with valve	15	N/A -
955482	FFP3 NR D with valve	15 x 20	N/A -
955482A	FFP3 NR D with valve	15	N/A -

Dust masks - 8300 series

- Soft foam face seal allows adaptability to most faces
- Cool-flow valve increases comfort and facilitates the release of warm, moist air from the mask
- Hypoallergenic, completely waterproof once on the skin
- Complies with the European standard EN 149:2001
- Meets the essential safety requirements of the European Directive 89/686 (articles 10 and 11B), CE marking



Cat. No.	Description	€ 10 units
955386	FFP2 NR D Mask	N/A -
955387	FFP2 NR D mask with Coolflow valve	N/A -
950105	FFP3 R D mask with Coolflow valve and seal	N/A -

3M Aura 9300+ series 3-pannel flat-fold masks

- Complies wit EN149:2001+A1:2009
- Disposable, flat-fold, lower breathing resistance
- Embossed top panel that is designed to help reduce the fogging of eyewear from warm
- Innovative chin tab designed for ease of positioning
- 3M cool flow valve allows heat and moisture to escape
- Nose Foam, ultra soft inner fabric
- Individual packaging





Cat. No.	Description	Units/ box	€/ box
950017	FFP1 NR D Mask	20	N/A -
950018	FFP1 NR D mask with valve	10	N/A -
950019	FFP2 NR D Mask	20	N/A -
950006B	FFP2 NR D mask with valve	10	N/A -
950106	FFP3 NR D Mask	20	N/A -
950007	FFP3 NR D mask with valve	40	N/A -
950007B	FFP3 NR D mask with valve	10	N/A -

3M C300 Series Foldable Masks

- Complies with EN 149:2001 + A1:2009
- Disposable, flat fold, with built-in noseclip
- Cool Flow Valve: allows heat and moisture to escape
- In an individual bag



Cat. No.	Description	Units/ box	€/ box
955491	C310 FFP1 NR D Mask	20	N/A -
955492	C312 FFP1 NR D Mask with Cool Flow Valve	10	N/A -
955493	C320 FFP2 NR D Mask	20	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

3M Premium Shell Dust Mask 8825+ and 8835+



- Complies with EN 149:2001 + A1:2009
- Metal-free and PVC-free
- TPE seal: evenly distributed pressure on the face, less fogging
- Colour coded elastics: blue for FFP2 and red for FFP3

Cat. No.	Description	Units/ box	€/ box
950279	8825+ FFP2 Mask	5	N/A -
950005B	8835+ FFP3 Mask	5	N/A -

3M masks against dust and odours from acid gases or organic vapours

- Combined protection against dust and harmful odours from non-volatile liquids thanks to the activated carbon layer
- Complies with EN 149:2001 + A1:2009
- Polyester/polypropylene/carbon filter
- Latex-free
- Shell shape with nose bridge, low breathing resistance

Anti-dust and acid gas odours



Cat. No.	Description	Units/ box	€/ box
955370	FFP2 NR D mask with valve	10	N/A -

Anti-dust and odour nuisance from organic vapours



Cat. No.	Description	Units/ box	€/ box
955313A	FFP1 NR D Mask	20	N/A -
955371	FFP1 NR D Mask with valve	10	N/A -
955372	FFP2 NR D Mask with valve	10	N/A -

3M Integrated Filter Half Masks - 4000+ Series



- Reusable, maintenance-free half-masks
- Lightweight and balanced design
- One-piece design with integrated filters
- Easy and secure fitting: adjustable harness, easy to tighten straps
- Large, double inhalation valves
- Low-profile design allows for other protective equipment to be worn
- New generation: better display of the protection level, reduced breathing resistance

Cat. No.	Class	Description	Units/ box	€/ box
955495	FFA1P2 RD	Mask 4251+ - organic vapours* and particles	1	N/A -
955496	FFA2P3 RD	Mask 4255+ - organic vapours* and particles	1	N/A -
955497	FFABE1P3 RD	Mask 4277+ - organic*/inorganic vapours, acid gases, particles	1	N/A -
955498	FFABEK1P3 RD	Mask 4279+ - organic*/inorganic vapours, acid gases, ammonia, particles	1	N/A -

* Organic vapours with a boiling point above 65 °C

Accessories

Cat. No.	Description	Units/ box	€/ box
955499	Filter cover for 4000+ series masks	10	N/A -
955541A	Rechargeable Flow Fan 1040 for 4000+ series masks	1	N/A -

3M Reusable Half Mask





- Reusable half-masks to be completed with 2 side filters to be fixed by a simple bayonet system
- For 3M gas and/or particle filters
- Compatible with eye and hearing protection
- Can be used with air supply system, please consult us
- Complies with EN 140

6000 Series - Classic range

- Economical and very light
- Hypoallergenic elastomer face piece
- Minimum maintenance for maximum comfort and simplicity
- Weight: 82 g

7500 Series - Premium range

- Premium mask, lightweight and minimizing stress points
- Coolflow exhalation valve: reduces moisture inside the mask
- Silicone face piece, thin nose bridge
- Full maintenance possible
- Weight: 136 g

Size	Small	Medium	Large
6000 series			
Cat. No.	950083	950084	950087
€	N/A -	N/A -	N/A -
7500 series			
Cat. No.	950078	950009	950080
€	N/A -	N/A -	N/A -



Enter the reference on dulis.nl to find the 3M selection guide

3M Full Face Masks

- Reusable masks to be completed with 2 side filters to be fixed by a simple bayonet system
- For 3M gas and/or particle filters
- Scratch and impact resistant polycarbonate panoramic lens
- Compatible with hearing protection
- Can be used with air supply system, please consult us
- Complies with EN 136

6000 Series - Comfort range

- Fixation by 4-strap harness
- Very lightweight design: 400 g
- Hypoallergenic elastomer face piece
- CoolFlow breathing valve

7907S series - Premium range

- For respiratory protection in difficult tasks (minimum breathing resistance)
- Fixation by 6-strap harness
- Double silicone face seal
- Soundproofing membrane for better communication





Size	Small	Medium	Large
6000 series			
Cat. No.	950090	950008	950091
€	N/A -	N/A -	N/A -

3M half mask and full mask filters



Enter the reference on dulis.nl to find the 3M selection guide



2000 series protection against dusts

Cat. No.	FFP	Type of risk	Units/ box	€/ box
950010	FFP2	Protection against solid and liquid aerosols up to 10 x TLV with half masks and full face masks	20	N/A -
950011	FFP3	Protection against solid and liquid aerosols Up to 50 x TLV with half masks and 200 x TLV with full face masks	20	N/A -
950094	FFP2	Protection against solid and liquid aerosols up to 10 x TLV with half and full masks + organic vapours* + acid gases odours *	20	N/A -
950095	FFP3	Protection against solid and liquid aerosols Up to 50 x TLV with half masks and 200 x TLV with full face masks + + organic vapours* + acid gases odours*	20	N/A -
955435	FFP3	Organic vapour odours* + acid gas odours* + hydrogen fluoride (up to 30 ppm) + particulates	20	N/A -

* for concentrations below the TLV

5000 series protection against dusts

Can only be used in combination with 6000 series gas filters.

Cat. No.	FFP	Type of risk	Units/ box	€/ box
950092	FFP1 R	Protection against dust up to 4 x TLV with half masks and full face masks	30	N/A -
950093	FFP2 R	Protection against solid and liquid aerosols Up to 10 x TLV with half masks and 200 x TLV with full face masks	20	N/A -
950014	FFP3 R	Protection against solid and liquid aerosols Up to 50 x TLV with half masks and 200 x TLV with full face masks	20	N/A -

Accessory

Cat. No.	Description	€ 2 units
950015	Ring for 5000 series dust and gas filter combination	N/A -

6000 Series Protection against gas

Can be combined with 5000 series dust filters.

Cat. No.	Protection	Type of risk	Units/ box	€/ box
950096	A1	Organic vapours*	8	N/A -
950097	A2	Organic vapours*	8	N/A -
950098	K1	Ammonia and derivatives	8	N/A -
950099	ABE1	Organic* and inorganic vapours, acid gases	8	N/A -
950013	ABEK1	Organic* and inorganic vapours, acid gases, ammonia and derivatives	8	N/A -
950100	A1 Formol	Organic vapours* and formaldehyde	8	N/A -

* boiling point › 65 °C

Combined protection against gas and dust, series 6000

Cat. No.	Protection	Type of risk	Units/ box	€/ box
955373	A1P3 R	Organic vapours** and particles	4	N/A -
955375	A2P3 R	Organic vapours** and particles	4	N/A -
955374	ABEK1 P3R + formaldehyde	Organic vapours**, inorganic vapours, acid gases, ammonia and derivatives, formaldehyde up to 10 ppm and particles	4	N/A -
955377	A1E1Hg P3R	Organic vapours**, acid gases, mercury, chlorine and particles	4	N/A -
950102*	AX P3NR	Boiling point organic vapours ‹ 65 °C and particles	4	N/A -
955376*	ABEK2Hg P3R + Formaldehyde	Organic vapours**, inorganic vapours, acid gases, ammonia and derivatives, mercury, formaldehyde up to 10 ppm and particles	4	N/A -

* only to be used with a full face mask ** boiling point › 65 °C

Packs

Cat. No.	Class	Masks	Filters	€
950079	A2P3R	950009	2 filters 950097 + 4 filters 950014 + 2 rings 950015	N/A -
950081	A2P3R	950080	2 filters 950097 + 4 filters 950014 + 2 rings 950015	N/A -
950085	A1P2R	950084	2 filters 950096 + 4 filters 950093 + 2 rings 950015	N/A -
950086	A2P3R	950084	2 filters 950097 + 4 filters 950014 + 2 rings 950015	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

3M Secure Click Reusable Half Masks HF-800 Series



- Designed to protect in extreme conditions, easy to place and adjust
- Improves communication with the optional acoustic membrane
- Soft silicone face piece for comfort
- Includes a leak check push button
- Weight of the facial part: 182 g
- Use with Secure Click™ filters: fastening system with sound control
- Secure Click™ filters: reduced breathing resistance (dual flow cartridges)

Size	Small	Medium	Large
Standard version			
Cat. No.	955500	955501	955502
€	N/A -	N/A -	N/A -
Version with acoustic membrane			
Cat. No.	955503	955504	955505
€	N/A -	N/A -	N/A -



Find on dulis.nl the visuals of the other filters and pre-filters

Secure Click™ dust filters

Cat. No.	Protection	Units/ box	€/ box
955511	P2 R	20	N/A -
955512	P2 R + Odours organic vapours and acid gases	20	N/A -
955513	P3 R	20	N/A -
955514	P3 R + Odours organic vapours and acid gases	20	N/A -

Pre-filters for Secure Click™ cartridges

Cat. No.	Protection	Units/ box	€/ box
955515	P1 R	40	N/A -
955518	P2 R	40	N/A -
955519	P3 R	40	N/A -
955520	Secure Click™ dust and gas suit ring	10	N/A -

Secure Click™ gas filters

Cat. No.	Protection	Units/ box	€/ box
955506	A1	8	N/A -
955507	A2	8	N/A -
955508	ABEK1	8	N/A -

Secure Click™ combined gas and particulate filters

Cat. No.	Protection	Units/ box	€/ box
955509	A2P3	8	N/A -
955510	ABEK1 P3	8	N/A -

3M Versaflo face and respiratory protection



- Headcovers and Hoods S Series
- For Powered Air Purifying Respirators
- Lightweight headgear with harness
- Combined protection: respiratory, head (face and eyes), neck and shoulder

Eye and face protection according to EN166:2:f:3
Respiratory protection if used with 3M air source according to EN12941



Protection against

- Fine dust and fumes
- Gases and vapours
- Gas-particle mixtures for powered air purifying respirators

Improved comfort

- Slightly curved shield to reduce glare
- Limited whistling
- Limitation of fogging
- Adjustable head circumference
- Adjustable airflow direction outside the hood

	Headgear with harness		Hood with harness		Hood with harness chemical resistance	
Size	S/M	M/L	S/M	M/L	S/M	M/L
Cat. No.	955331	955327	955342	955343	955323	955283
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Powered air purifying respiratory system: VERSAFLO TR-600 gas vapour protection kit



- Air purification system worn on the belt
- Assisted ventilation for protection against particles, odours, gases and vapours according to EN60529 IP54
- Adjustable air flow rate
- Lightweight lithium battery

- Kit Contents:
  - Versaflo TR-602E Filter Unit
  - A2P filter and pre-filter (x 10)
  - Filter cover
  - 2 anti-sparkle
  - High capacity battery
  - Smart charger
  - Charging stand
  - BT-30 breathing tube
  - Decontamination belt

Cat. No.	Description	€
955344	VERSAFLO TR-600 Gas vapour protection kit	N/A -



ASSISTED VENTILATION:
Many configurations available: consult us

JACKSON SAFETY* protective eyewear

Elegant and comfortable protective glasses for safety and increased productivity.

- **Complies with EN 166 1F(2002)**
- **Impact resistance at 45m/s in accordance with EN 166:2002 level 1F**
- **Thin, lightweight and wraparound design for added protection**
- **Eyewear design to suit all users**
- **Excellent optical quality, EN 166:2002 class 1**
- **Proven 99.9% UVA/UVB protection in accordance with EN 1 66:2002**
- **CE marking**





V50 Calico



V20 Purity



V30 Nemesis



V10 Unispec



Model	V50 Calico	V30 Nemesis	V20 Purity	V10 Unispec
• Impact-resistant polycarbonate lens	X	X	X	X
• Lightweight wraparound design	X	X	X	X
• 99.9% UVA/UVB protection	X	X	X	X
• Lens available	3	4	4	3
• Flexible temples with non-slip rubber covers	X	X	X	-
• Characteristics of the nasal bridge	Adjustable	Reinforced	Reinforced	-
• Adjustable temples to adjust the viewing angle	X	X	X	-
• Cushioned brow bar for additional comfort and ventilation	X	X	-	-
• Overglasses available for visitors	-	-	-	X
Clear anti-fog lens (A) Maximum light diffusion, for indoor use	**040449**	**040118**	**040121**	**040126**
€/ the pair	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Smoked lens (B) High light conditions, for outdoor use	**040450**	-	**040462**	-
€/ the pair	**N/A -**	**-**	**N/A -**	**-**

All prices are indicative and exclude VAT. Visit www.dulis.nl

3M protective overglasses



- Side protection integrated into the screen
- Specially designed to be worn over prescription glasses
- Adjustable temples
- Swivel and anti-slip tips
- Clear polycarbonate screen
- UV filtration (according to EN 170)
- Anti-fog, anti-scratch, anti-static, and anti chemical attack

Cat. No.	Description	€ the pair
950058	Blue PC Glasses	N/A -

3M Secure Fit UV Goggles



SF200





SF400

- Class 1 polycarbonate optics, suitable for prolonged use
- Anti-UV, anti-scratch, anti-fog (* except Cat. No. 955291)
- Wrap-around shape, providing good protection and an excellent field of vision
- Pressure-distributed temples: high level of comfort and fit
- High contrast yellow/amber version: suitable for low light environments
- Grey, blue versions against glare (EN172:1994)
- Operating temperature: -5 °C to +55 °C, according to EN166:2001
- Complies with UV protection standards (EN170:2002)
- Weight: 18 g (SF200 model) / 19 g (SF400 model)
- SF400 model: adjustable nose bridge and soft insert for maximum comfort and grip

SecureFit SF200

Lens colour	Colourless*	Colourless	Grey	Yellow
Cat. No.	955291	955290	955292	955293
€	N/A -	N/A -	N/A -	N/A -

SecureFit SF400

Lens colour	Colourless	Grey	Yellow	Mirror blue	Indoor/Outdoor mirror finish
Cat. No.	955334	955335	955336	955337	955338
€	N/A -	N/A -	N/A -	N/A -	N/A -

Pulsafe Millennia single lens glasses black



Black frame with a straight temple and a personalized adjustment system.

- Polycarbonate screen
- Perfect vision and side protection
- 100% UV filtration
- Anti-scratch and anti-fog screen
- Impact protection: 45 m/S
- Weight: 32 g
- Supplied with a Flexicord

Cat. No.	Description	€ the pair
039051	Pulsafe Millennia single lens glasses	N/A -

Economical protection glasses

Fully transparent glasses with panoramic polycarbonate lens.

- Edges acting as side protection
- Also used as overglasses
- Anti-fog ventilation fins
- Non-sterile
- Weight: 46 grs
- Supplied in packs of 10



Cat. No.	Description	€ 10 units
030721	Economical protection glasses	N/A -

Medimask Eye Protect Glasses

- Wide and anatomical shape
- Excellent eye protection for users
- Special shape of the shield (front and sides) for good protection against splashing liquids or particles
- Adjustable temples (length and inclination) for a more comfortable wearing of the glasses
- Transparent polycarbonate Shield
- Class II personal protective equipment (CE - 0196)
- Blue polyamide frame
- Weight: 35 g
- Optical class (EN 166): 1
- Impact resistance (EN 166): F
- 100 % UV (wavelength › 380 nm)
- Complies with EN 166
- Must not be stored at temperatures above 50 °C



Cat. No.	Description	€ the 5 pairs
161533	Medimask protective glasses	N/A -

Uvex Pheos glasses



- Bi-spherical lens with Uvex Supravision coating technology
- Very large field of view without frame
- Inner Anti-fog
- Extreme outdoor scratch protection and chemical resistance
- Completely metal-free
- Very light

Cat. No.	Model	Colours	Lens	€ the pair
267003	Standard version	Black / green	PC clear / UV2-1.2	N/A -
267004	Narrow version	White / green	PC clear / UV2-1.2	N/A -

Accessory

Cat. No.	Description	€
267005	Cord for glasses	N/A -

Uvex Skyper Glasses



- In polycarbonate
- Tilt and length adjustable temples
- Protection against mechanical and chemical impacts
- Panoramic screen with wide field of view
- UV filter 2-12, according to EN170
- Uvex supravision HC-AF (extremely scratch resistant on the outside, 100% UV protective, permanent anti-fog on the inside)

Cat. No.	Colours	Lens	Units/ box	€/ box
828314	Blue	PC clear / UV2-12	5	N/A -

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Uvex Astropec Glasses



- Blue glasses, clear lens
- Panoramic screen with side guards
- No pressure thanks to flexible temples
- Tiltable temples to fit all faces
- Scratch resistant, chemical resistant, easy to clean

Cat. No.	Model	Colours	Lens	€ the pair
940114	Glasses	Blue	PC clear / UV 2-1.2	N/A -

Uvex Super OTG Glasses



- Hingeless temples with soft, highly flexible tips that fit over any eyewear without pressure
- Metal-free
- Scratch resistant, chemical resistant, easy to clean

Cat. No.	Colours	Lens	€ the pair
267006	Navy blue	PC clear / UV2-1.2	N/A -

Uvex autoclavable Glasses



267000



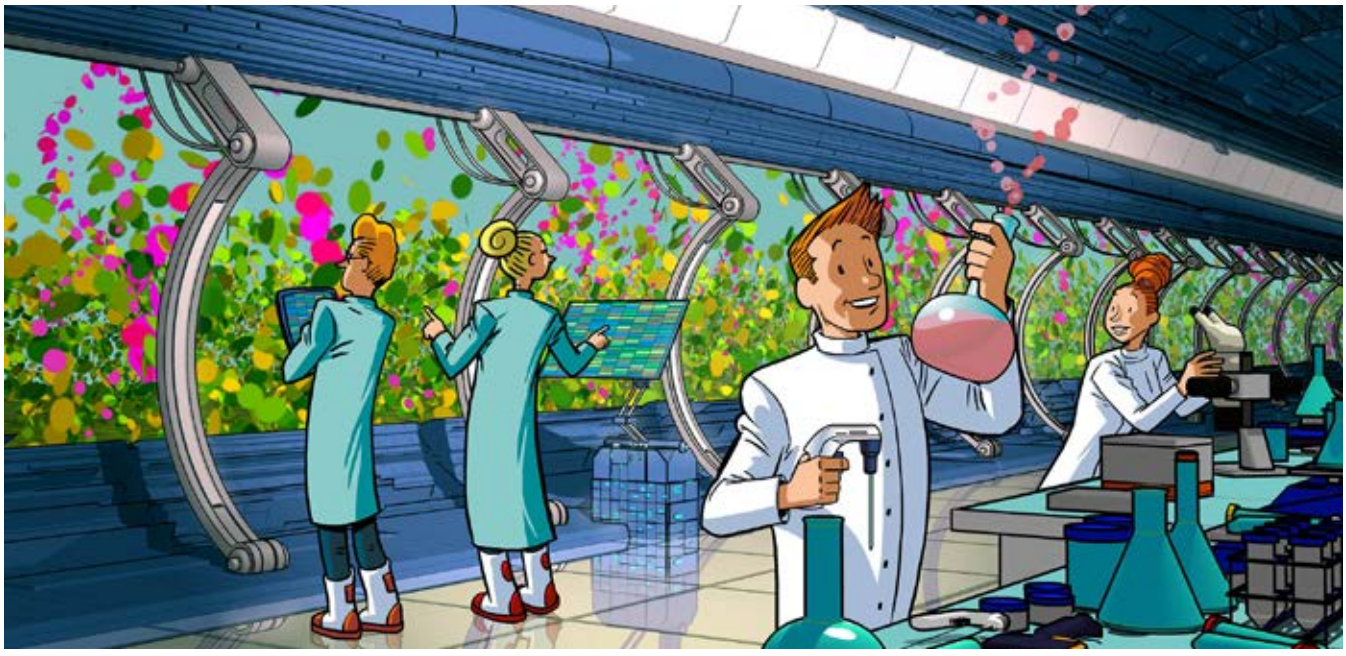
267001

- Wide field of view
- Uvex Supravision CR treatment, anti-fog coating resistant to autoclaving for 10 cycles

Cat. No.	Model	Colours	Lens	€ the pair
267000	Glasses	White-light blue	PC clear / UV 2-1.2	N/A -
267001	Overglasses	White-light blue	PC clear / UV 2-1.2	N/A -



Enter the reference on dulis.nl to find information on mandatory markings & European standards.



Bollé Safety protective glasses with temples

- Polycarbonate lens
- Comfortable and lightweight
- Supplied with microfiber cases (and adjustable cord for IRI-s models)
- Filters out 99.9% of UVA/UVB

- 4 types of eyepieces available:
  - Clear: for indoor use, standard anti-fog and anti-scratch treatment
  - Smoke: outdoor applications, protection from sunlight
  - ESP (Extra Sensory Perception): indoor/outdoor, reduces glare, filters 57% of blue light (LED)
  - Twilight: indoor/outdoor, designed for low light conditions, contrast enhancement, double indoor/outdoor anti-fog

Model	Photo	Features	Lens	Marking Lens	Cat. No.	€ the pair
Border (photo: countour, smoked lens)		- PC Lens - 2.2 mm - Curved 8 - PC mount - Nylon + VSE temples - TIPGRIP non-slip temples - Adjustable non-slip nose - 21 g - Anti-static - Mount marking: EN166 FT CE	Colourless	2C-1.2 1 KN FT CE	270000	N/A -
			Smoke	5-2.5 1 KN FT CE	270001	N/A -
			ESP	5-1.4 1 FT CE	270002	N/A -
Rush+ (photo: Rush+, clear lens)		- PC Lens - 2.2 mm - Curved 9 - PC mount - Ultra-flexible two-tone temples, co-injected PC + TBR - Advanced Platinum anti-fog/scratch treatment - Non-slip nose - 26 g - Mount marking: EN166 FT CE	Colourless*	2C-1.2 1 KN FT CE	270003	N/A -
			Smoke*	5-3.1 1 KN FT CE	270004	N/A -
			Twilight**	5-2 1 KN FT CE	270005	N/A -
IRI-s (photo: IRI-s, Twilight lens)		- PC Lens - 2.2 mm - Curved 10 - PC mount - 1 model - 1 size: ergonomic and swivelling PC + TBR temples - Advanced Platinum anti-fog/scratch treatment - 3-position nosepiece, memory foam - 27 g - Mount marking: EN166 FT CE	Colorless***	2C-1.2 1 KN FT CE	270006	N/A -
			Smoke	5-3.1 1 KN FT CE	270007	N/A -
			Twilight	5-2 1 KN FT CE	270008	N/A -

*Black/red arms **Black/grey arms ***Integrated reading magnifier

Uvex Ultrasonic googles

- No pressure problems thanks to the combination of soft and rigid materials
- Possibility of wearing glasses
- Uvex Supravision CR treatment, anti-fog coating resistant to autoclaving for 10 cycles



Cat. No.	Colours	Lens	€ the pair
267002	White / transparent	PC clear / UV2-1.2	N/A -

Bollé Safety special "clean room" protective googles





Superblast Auto-Clave

Panoramic field of vision, reinforced ventilation: perfect comfort.

- PC Lens - 2.2 mm - Curved 5
- Ventilated TPE frame
- Ultra-comfortable mask
- Overflow spout for liquids
- Corrective glasses and half mask can be worn
- Untreated polycarbonate face
- 103 g
- Adjustable braid
- Autoclavable
- Frame marking: EN166 BT CE
- Lens markings: 1 BT CE

Cat. No.	Description	€ the pair
270023	Superblast Auto-Clave goggles	N/A -

Coverall Auto-Clave

Very light, maximum protection and comfort.

- PC Lens - 1.5 mm - Curved 2.5
- Overflow spout for liquids
- Indirect and interchangeable vents
- Ultra-comfortable autoclavable mask
- Corrective glasses can be worn
- Untreated polycarbonate face
- 54 g
- Frame marking: EN166 3 4 FT CE
- Lens markings: 1 FT CE

Cat. No.	Description	€ the pair
270010	Coverall Auto-Clave goggles	N/A -

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Uvex ultrasonic goggles



- Made of polycarbonate, very light
- No pressure problems thanks to the combination of soft and rigid materials
- Suitable for use with reading glasses
- Anti-fog interior and anti-scratch exterior treatment and chemical resistance

Cat. No.	Colours	Lens	€
267008	Grey/black	PC clear / UV2-1.2	N/A -

Uvex ultravison faceguard goggles



- Polycarbonate mask, PVC frame
- Wide field of view
- Peripheral ventilation system
- Suitable for use with reading glasses
- Uvex supravision HC-AF treatment (anti-fog inside 2 times higher than the norm and powerful anti-scratch outside)
- Flip-up face guard
- Allows the wearing of dust masks or half-masks for respirators

Cat. No.	Lens	€
267009	PC clear / UV2-1.2	N/A -

Uvex carbonvision goggles



- Made of polycarbonate, very light
- High mechanical protection
- Flexible frame to fit the contours of the face
- Possibility to remove the frame to clean the elements separately
- Permanent anti-fog interior and powerful chemical-resistant exterior, anti-scratch treatment

Cat. No.	Colours	Lens	€
267007	Black/grey	PC clear / UV2-1.2	N/A -

Pulsafe V-MAXX Fogban goggles



Goggles with 180° panoramic field of vision without lateral deformation.

- Indirect ventilation system
- Polycarbonate lens
- Anti-fog
- Impact resistant
- Elastic headband with swivel fasteners for increased comfort and optimal positioning
- 100% UV filtration
- Large curvature of the frame allows for the combined use of corrective glasses and half-masks

Cat. No.	Description	€ the pair
039052	V-MAXX Fogban Goggles	N/A -

3M Googles



- 2 versions: indirect ventilation or sealed
- Different areas of application: against liquid drops, coarse particles, gases and fine particles, resistance to molten materials and solid penetration, protection against low and medium energy impacts at extreme temperatures
- Complies with EN 166:2001 and EN 170:1992
- UV protection, anti-fog, anti-scratch (only for PC lenses)

	Ventilated version	Sealed version
Acetate Lens	950016	950062
€ the pair	N/A -	N/A -
PC Lens	950060	950061
€ the pair	N/A -	N/A -

Dispensers for protective glasses and accessories

Dispensers for protective equipment

- Transparent acrylic
- Easy access to safety accessories as: shoe covers, masks, mobcaps, safety glasses (10 or 20), earplugs (approx. 200 pairs)
- Marking on the box for identification
- Dimensions W x D x H: 227 x 162 x 156 mm
- To be placed on a bench or fixed to the wall (screws included)

Cat. No.	Marking	Colours	€
037939	Safety glasses	Blue	N/A -
037941	Earplugs	Green	N/A -
037942	-	Natural	N/A -





Glasses dispenser

Cat. No.	Description	€
086668	Acrylic wall-mounted glasses dispenser, 483 x 203 x 102 mm	N/A -

Face shield

Polycarbonate screen with polyethylene headband.

- Adjustable and comfortable 1.5 mm thick headband holder
- Wrap-around shield protects the front and sides of the face, neck and top of the head
- UV protection between 200 and 360 nm
- Protects against splashes - useful in germicidal procedures, tape or gel reading
- L x W: 295 x 200 mm

Cat. No.	Description	€
029196	Face shield	N/A -



UV protective glasses

- CE marked
- Blocks UV below 400 nm



Cat. No.	Description	€
441181	UV protective glasses	N/A -

Face shield with visor

Perfectly transparent polycarbonate face shield. The shield is attached to a front visor. Packaging per box: 1 coloured visor with 3 polycarbonate screens.

- The screen can be removed from the visor and replaced with a simple gesture
- Resistant and totally waterproof barrier, ensuring total and perfect protection of the face
- Very light

3 presentations:
- adjustable visor: closes with an adjustable buckle; comfortable, the most convenient;
- visor with cord: closes with a cord, flexible and ideal for long term wear;
- fixed visor: more rigid, it is held around the head on its own; suitable for short-term use (45 minutes).







Replacement shield

Cat. No.	Description	€ 12 units
030704	Replacement PC shields for all visors	N/A -

Visor colour	White	Blue	Pink	Green	€
Shield with visor	030705	030706	030707	030708	N/A -
Shield with cord	030700	030701	030702	030703	N/A -
Shield with fixed visor	030709	030710	030711	030712	N/A -

Protective visor

- Adjustable
- Comfort
- Polypropylene headband
- PET Shield 240 µm
- Perfectly transparent
- Compatible with glasses or masks
- Weight: 61 g
- Delivered flat packed, easy to assemble
- For safe working

Headband colours	Black	White	Units/ box	€/ box
Cat. No.	540133	540137	10	N/A -





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Large protective screen



- Transparent polycarbonate
- Thickness: 4.7 mm
- Heavy steel base with blue epoxy coating
- External dimensions of the base L x W: 500 x 170 mm
- Highly impact resistant

Cat. No.	Size (mm)	Weight (kg)	€
947837	760	8.4	N/A -
947838	910	8.9	N/A -

Safety Splash Flexible Shield



This shield attaches easily to benchtop shelving or on any magnetic surface.

- Flexible acetal arm
- Magnetic base
- Protection from splashes, sprays, projections
- Easy to maneuver arm, 355 mm
- 3 mm thick polycarbonate shield
- UV protection from 200 to 360 nm
- W x L: 216 x 280 mm
- Not autoclavable

Cat. No.	Description	€
029983	Complete flexible screen	N/A -

Uvex Earplugs

Advantages of disposable earplugs combined with those of reusable.

- Optimal comfort
- Suitable for short and long term wear
- Hygienic: no handling before installation
- Adjustable cord



Uvex hi-com

- Hollow earplug: pressure reduction in case of impact or friction
- Do not block voice frequencies (M), allowing communication
- Mitigation: SNR 24 dB (H = 28; M = 23; L = 19)

Description	Units/ box	Green		Beige	
		Cat. No.	€/ box	Cat. No.	€/ box
Pair of SNR24 earplugs without cord in individual bag	200	267023	N/A -	267027	N/A -
Pair of SNR24 earplugs with cord in individual bag	100	267024	N/A -	267028	N/A -

Uvex Xact-fit

- Earplugs with placement aid.
- Mitigation: SNR 26 dB (H = 28; M = 23; L = 19)

Cat. No.	Description	Units/ box	€/ box
267019	Pair of Xact-fit disposable earplugs with reusable cords, individual bag	50	N/A -
267020	Pair of Xact-fit disposable earplugs, 5 pairs per case	250	N/A -
267021	Pair of Xact-fit replacement earplugs	400	N/A -
940160	Xact-band Banded Earplugs	5	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
267022	Dispenser	1	N/A -
267026	Dispenser refill	300	N/A -

Spark Plugs® Disposable earplugs



- Comfortable, soft PU foam, easy to insert in the ear
- Suitable for long periods of noise exposure
- Tapered shape
- Packaged in pairs
- Tested and certified in accordance with the EN 352-2:2002

SNR* (dB)	Attenuation level* (dB)			Units/ box	Cat. No.	€/ box
	H	M	L			
35	34	32	31	200 pairs	265000	N/A -
				1 pair	265000B	N/A -

MelLows® Disposable earplugs



- Effectively protect against lower noise levels, but designed not to isolate the user
- Packaged in pairs
- Tested and certified in accordance with the EN 352-2:2002

SNR* (dB)	Attenuation level* (dB)			Units/ box	Cat. No.	€/ box
	H	M	L			
22	26	18	12	200 pairs	265001	N/A -
				1 pair	265001B	N/A -

Contours Earplugs

SNR (dB)	Attenuation level (dB)		
35	H	M	L
	34	33	28

Cat. No.	Model	Pairs/ box	€/ box
265015	Contours	200	N/A -
265016	SMALL Contours	200	N/A -

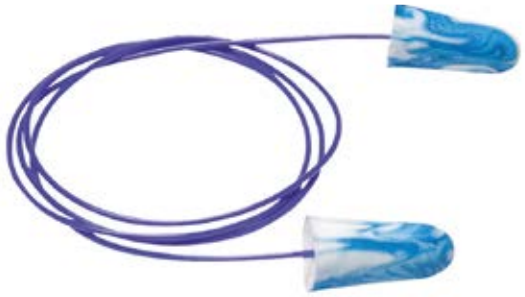


- Disposable, PU foam
- Optimised shape, available in 2 sizes
- Packaged in pairs, in bags
- Tested and certified according to EN352-2:2002

Spark Plugs detect

- For the food industry
- Fully detectable
- Made of soft PU foam
- Tested and certified in accordance with the EN 352-2:2002
- Supplied with detectable cord
- SNR value: 32 db

Cat. No.	Description	Units/ box	€/ box
265068	Detectable earplug	200	N/A -



Rockets® Full detect earplug

- For the food industry
- Washable and reusable
- Fully detectable
- Made of soft, hypoallergenic TPE
- Air pocket at the end
- Solid pin for easy insertion and removal of the cap
- Delivered in a storage box
- Tested and certified in accordance with the EN 352-2:2002
- Supplied with detectable cord
- SNR value: 27 db

Cat. No.	Description	Units/ box	€/ box
265053	Detectable earplug	50	N/A -



WaveBand 2K® Banded Earplugs

- Anatomically designed banded ear plugs: worn under the chin to allow freeedom of movement without contact sounds or uncomfortable rubbing
- Effective and comfortable all-day heating protection (ultra-lightweight: 12 g)
- Polyoxymethylene (POM) and thermoplastic elastomer (TPE) headband, PU Banded Earplugs
- Tested and certified in accordance with the EN 352-2:2002
- Additional spare earplugs sold separately

SNR* (dB)	Attenuation level* (dB)			Units/ box	Cat. No.	€/ box
	H	M	L			
27	30	23	22	8 earplugs	265002	N/A -
				1 earplug	265002B	N/A -

Cat. No.	Description	€ 50 units
265012	Spare earplugs for Waveband banded earplugs	N/A -



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AB clarity C1 Headset



- Dielectric anti noise headset
- Ventilated inner headband and ear pads
- Optimal comfort for extended wearing
- Eliminates harmful noise and allows voice, alarm and other warning signals to pass through
- Adjustable headband
- Weight: 194 g
- Standar: EN352-1

Cat. No.	Description	€
678310	AB clarity C1 Headset	N/A -

M1 Foldable Earmuffs



- High quality, comfortable to wear, easy to store (foldable)
- Protects against intermittent noise and sound impacts
- Ideal for those who don't get a good sound seal with plugs
- SoftCoat coating, metallic colour
- Comfortable and robust padded spring-steel headband: 6 adjustment points
- Tested and certified in accordance with the EN 352-1:2002
- Removable foam insert and headset (recommendation: replace twice a year for optimal protection and hygiene)

SNR* (dB)	Attenuation level* (dB)			Cat. No.	€
	H	M	L		
31	31	29	21	265003	N/A -

Cat. No.	Description	€
265013	Replacement foam inserts and earpieces kit	N/A -



SNR (Single Number Rating)
Indicates the sound attenuation value in dB over all audible frequencies provided by the hearing protector in question. It is calculated by measuring the sound level with and without the hearing protection in question.

High Medium & Low attenuation values:
Indices equivalent to the measures described by the SNR, but more precisely:
- **H**: average attenuation in a high frequency spectrum (› 2 KHz)
- **M** : average attenuation in a medium frequency spectrum (0.5 to 2 KHz)
- **L** : average attenuation in a low frequency spectrum (‹ 0.5 KHz)

Peltor™ Optime™ 3M Earmuffs



- Modern design, space-saving profile shells
- Large fluid-filled pads: less pressure and more comfort
- Profiled hoop for effective pressure support and protection
- Reduction of humidity and heat due to the internal depth of the shells
- Easily replaceable pads and absorbent foam for better hygiene (every 6 months)
- CE approved
- Materials: PVC arch, acetal with stainless steel rods, ABS shells and polyether pads and foams

Model	Features	Attenuation level* (dB)				Cat. No.	€
		SNR	H	M	L		
Optime™ I	Offers lightweight protection with a high degree of flexibility and comfort for the user Designed for moderately noisy environments	27	32	25	15	950053	N/A -
Optime™ II	Designed for noisy environments (it primarily attenuates very low frequencies) Provides a moderate to high level of attenuation	31	34	29	20	950054	N/A -
Optime™ III	High quality hearing protection designed for use in extremely noisy environments Double shell technology minimises internal resonance, maximum high frequency attenuation. An acoustic connection between the interior and exterior volumes also attenuates low frequencies	35	40	32	23	955297	N/A -



Hygiene kits - Replacement pads and foams

- Change twice a year to maintain the best level of protection, hygiene and comfort
- One pair of pads and foams per kit

For model	Optime™ I	Optime™ II	Optime™ III
Cat. No.	955298	955299	955300
€	N/A -	N/A -	N/A -

Colourful clip-on mob caps

➤Made of non-woven polypropylene ➤Packaged in boxes of 250 units

Colour	Size 48 cm		Size 53 cm		Size 58 cm	
	Cat. No.	€ 250 units	Cat. No.	€ 250 units	Cat. No.	€ 250 units
White	683500B	N/A -	683505B	N/A -	-	-
Blue	683501	N/A -	683506B	N/A -	-	-
Red	683503	N/A -	683508	N/A -	683513	N/A -
Yellow	683504	N/A -	683509	N/A -	683514B*	N/A -

* Packed per 500 (price per 500)





Mob cap clip and net





Mob cap clip in non-woven polypropylene. Blue or white.

Cat. No.	Description	Units/ box	€/ box
030617B	Mob cap clip, blue - 14 g/m²	100	N/A -
475053	Mob cap clip, blue - 10 g/m²	100	N/A -
475052	Mob cap clip, white - 10 g/m²	100	N/A -

Round Mob cap





Round Mob cap in non-woven polypropylene. Colours white, blue, black.

Cat. No.	Description	Units/ box	€/ box
030615	Round Mob cap, white - 16 g/m²	100	N/A -
030616	Round Mob cap, blue - 16 g/m²	100	N/A -
475044*	Round Round Mob cap,black - 16 g/m²	1000	N/A -

* in nylon

ENDOproteclab disposable Mob caps

➤Non-woven synthetic material 20 g/m²

➤One size fits all: Ø 300 mm with elastic band

White	Green	Units/ box	€/ box
942686	942687	100	N/A -



Beard protector

➤In white non-woven

Cat. No.	Description	Units/ box	€/ box
475043	Beard protector	1000	N/A -



Viscose Universal Cap

➤Non-woven, airy, highly stretchable

➤Single use, non-sterile

➤In viscose and ethylene vinyl acetate copolymer

➤Circumference: 57 cm, height: 33 cm

➤Weight: 40 g/m²

➤Thickness: 1.2 mm

Blue	Green	Units/ box	€/ box
475184	475185	5 dispenser boxes of 100	N/A -



475184



475185

Polyethylene sleeve



White sleeves 40 x 20 cm in polyethylene 20 µm.

➤White ➤Dim. 40 x 20 cm ➤Made of polyethylene ➤Thickness: 20 µm

Cat. No.	Description	Units/ box	€/ box
030663	Polyethylene sleeves	100	N/A -

Polyethylene protective sleeve



➤Waterproof

➤Dim.: 220 x 440 mm

➤Thickness: 20 µm

➤With elastics at both ends

Cat. No.	Colours	Units/ bag/	€/ bag
794058	White	100	N/A -
794059	Blue	100	N/A -

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Polyethylene protective sleeves



- Waterproof and durable
- Suitable for use in the food industry
- In pure LDPE
- L x W: 400 x 200 mm
- Thickness: 16 µm
- Elastics diameter: 50 mm

Cat. No.	Colour	Units/ bag/	€/ bag
794058B	White	100	N/A -
794059B	Blue	100	N/A -

TYVEK® 500 Sleeves



- Stitches on the upper elastic
- Removable
- Long.: 46 cm

Cat. No.	Description	Units/ box	€/ box
073668	TYVEK® 500 Sleeve - white	200	N/A -

TYCHEM® 2000C and 6000F sleeves



- PPE cat. III, type PB[3] partial chemical protection
- Barrier against infectious agents (EN 14126)
- Antistatic treatment on the inside (EN 1149-5)
- Length: 50 cm
- Sewn and covered seams
- Substrat en Tyvek® substrate with a polymer coating (Yellow model: 84.6 g/m², grey model: 117.5 g/m²

Cat. No.	Description	Units/ box	€/ box
073660	Tychem® 2000C sleeves - yellow - one size	50	N/A -
073661	Tychem® 6000F sleeves - grey - one size	50	N/A -

White microfibre protective footwear



- Safety shoes with microfibre uppers and 200 Joules steel safety end cap
- Antistatics
- Dual density PU soles, oil resistant and non-slip (S2), heel cushioning
- Washable at 40 °C

Size	36	37	38	39	40	41	€ the pair
Cat. No.	790085	790086	790087	790088	790089	790090	N/A -

Size	42	43	44	45	46	47	48	€ the pair
Cat. No.	790091	790092	790093	790094	790095	790096	790097	N/A -

Light clogs



Advantages

- Side ventilation holes
- Anatomical insole: prevents heavy legs, plantar and back pain
- Adjustable rear flange
- Shock absorber (according to EN20347)
- Antistatic pad

- Non-slip, very light (103 g for size 37)
- Complies with EN-347, EN ISO 20347 2008
- Sizes 35 to 46 (except purple and pink clogs)
- Easy care (machine washable up to 50 °C or warm soapy water)

Size	White	Blue	Violet	Pink
35	950400	950409	950418	950427
36	950401	950410	950419	950428
37	950402	950411	950420	950429
38	950403	950412	950421	950430
39	950404	950413	950422	950431
40	950405	950414	950423	950432
41	950448	950449	950434	950435
42	950406	950415	950424	-
43	950446	950450	950452	-
44	950447	950451	950453	-
45	950407	950416	-	-
46	950408	950417	-	-
€ the pair	N/A -	N/A -	N/A -	N/A -

Chiroclog clogs

- Made of 100% CFC-free polyurethane
- ISO 20347:2004 Certified
- Anti-slip
- Heel is well supported by the slightly raised back of the hoof
- High comfort, low heel height
- Anatomically shaped insole
- Marked size at the back of the shoe
- Washable at 90 °C
- With ventilation holes
- Colours white, green or blue



Size	35	36	37	38	39	40	41	42	43	44	45	46	47	€ the pair
White	095210	095211	095212	095213	095214	095215	095216	095217	095218	095219	095220	095221	095222	N/A -
Green	095223	095224	095225	095226	095227	095228	095229	095230	095231	095232	095233	095234	095235	N/A -
Blue	095236	095237	095238	095239	095240	095241	095242	095243	095244	095245	095246	095247	095248	N/A -

Autoclavable antistatic laboratory clogs

- Anti-fatigue, for prolonged standing
- Antistatics, DIN 4843
- Hygienic, does not retain perspiration
- Machine washable at 100 °C water / 105 °C steam / 121 °C dry or sterilizable at 134 °C steam
- Autoclavable according to the usual procedures (each pair of clogs is delivered with a 15 times autoclavable sole - 50 times autoclavable sole optional)
- Anatomically shaped active arch with circulation-stimulating pimples
- Anti-slip coating on the front and sides





TIP

Numerous colours available, models also exist in unperforated version: consult us

Size	33-34	34-35	35-36	36-37	37-38	38-39	39-40	40-41	42-43	44-45	€ the pair
Cat. No. orange	950153	950154	950155	950156	950152	950157	950158	950159	950160	950161	N/A -
Cat. No. green	950437	950438	950439	950440	950436	950441	950442	950443	950444	950445	N/A -

Magnus X-Cel safety shoes

Lightweight safety shoes with carbon toecap and non-slip sole.

- Clog shoes with strap, protected heel
- Made of EVA (Ethylene Vinyl Acetate) polymer, antibacterial, latex-free, good chemical resistance, waterproof
- Ultra-lightweight carbon and fibreglass tip, resistant to 200 J (1500 kg)
- Anti-slip, anti-static, shock absorbing outsole
- Removable insole with foot support
- Machine washable at 30 °C
- Category II / S1 shoes
- Complies with ISO 20345:2011



Size	36	37	38	39	40	41	42	43	44	45	46	€ the pair
Cat. No.	943235	943236	943237	943238	943239	943240	943241	943242	943243	943244	943245	N/A -

Pedisac Overboots

- Made of polyethylene
- Thickness: 60 µm
- Elastic band fastening at the calf
- One size fits all



Cat. No.	Height (mm)	Colours	Units/ box	€/ box
131600	48	Transparent	50	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Shoe covers











- Elastic ankle support
- Two materials:
  - PP: durable non-woven polypropylene, for long-term use, with or without anti-slip sole;
  - PE: polyethylene: simple protection, for short-term use

Cat. No.	Material/ colour	Blue anti-slip sole	Units/ box	€/ box
030765	PP white	No	100	N/A -
030635	PP white	Yes	400	N/A -
475041	PP white	Yes	1000	N/A -
475042	PP blue	Yes	300	N/A -
030636	PE blue	No	100	N/A -

ENDOproteclab Disposable overshoes



- Non-woven synthetic material 20 g/m²
- One size fits all: 400 x 170 mm

Colours	White	Green	Units/ box	€/ box
Cat. No.	942688	942689	100	N/A -

Overshoes and overboots for a protected environment

Safefeet® Isoguard®Overshoes



- Strong overshoes in PP 80 µm
- Hydrophobic and non-slip PE sole, lint-free IsoGuard technology
- One size XL: Length 400mm (sizes 42-45)
- Prevent contamination due to particle release
- Tested according to ISO 9973-10: 2003 and EN ISO 11737-1

Cat. No.	Sole	Units/ box	€/ box
475155	Blue	400	N/A -

Waterproof overshoes and overboots in Tyvek®

or in PP/PE microporous fleece







- Tyvek®: high density PE fibres
- Microporous: PP layer and microporous film
- Non-linting
- Air and water vapour permeable
- Impervious to liquid splashes / fine particles
- One size XL: length 400 mm (sizes 42-45)

Cat. No.	Material	Anti-slip sole	Units/ box	€/ box
475158	Tyvek	Yes	200	N/A -
475160	Microporous	Yes	500	N/A -

TYVEK® 500 Boot and Shoe Covers



Boot covers

- In Tyvek®
- With upper elastic band
- Boot covers with or without anti-slip soles
- One size fits all

Shoe covers

- In Tyvek®
- Antistatic treatment
- With anti-slip soles
- Sizes 36 to 46

Boot covers

Cat. No.	Description	Units/ box	€/ box
073610	Boot-cover, H: 48 cm, L: 42 cm	200	N/A -
073611	Anti-slip Boot cover, L: 40 cm	200	N/A -

Shoe covers

Cat. No.	Description	Units/ box	€/ box
073612	Shoe covers, size 36 to 42	200	N/A -
073613	Shoe covers, size 42 to 46	200	N/A -

TYCHEM® 2000C and 6000F Shoe covers

- PPE cat. III, type PB[3] partial chemical protection
- Barrier against infectious agents (EN 14126)
- Knee-high boot covers
- Partially stitched anti-slip sole (not liquid-proof)
- Antistatic treatment on the inside (EN 1149-5)





Cat. No.	Description	Units/ box	€/ box
073658	Boot covers in Tychem C® 2000C - yellow	50	N/A -
073625	Boot covers in Tychem® F 6000F - grey	50	N/A -

Automatic dispenser for overshoes

- Mechanical system, works without electricity
- Support handle to stabilise the user's position
- Capacity: 220 overshoes
- ABS body
- Dimensions: 74 x 32 x 90 cm
- Weight: 21 kg



Cat. No.	Description	€
857128	Automatic dispenser for overshoes	N/A -
857129	Anti-slip overshoes for dispenser in PP/PE white/blue (210 units)	N/A -

Peel-off adhesive sheet mats

Mat with 30 adhesive polyethylene sheets.

- Total thickness: approx. 1.5 mm
- Sheet thickness: 0.04 ± 0.015 mm
- Numbered sheets: indicator of the number remaining
- Environmentally friendly, water-based acrylic adhesive
- RoHs compliant



Cat. No.	Treatment	Dimensions (cm)	Colours	€ 4 units
165034	Strong adhesion	66 x 114	White	N/A -
165035	Antistatic (109 - 1011 Ω)	66 x 114	White	N/A -
165036	Standard	66 x 114	Blue	N/A -
165037	Standard	45 x 114	Blue	N/A -
165038	Standard	66 x 114	White	N/A -
165039	Standard	45 x 114	White	N/A -

Adhesive mats with bactericide

Mats intercept dust, bacteria and other contaminants.

- Consists of adhesive sheets coated with a bactericide
- Numbered tabs
- Dimensions: 45.7 x 116.8 cm



Cat. No.	Colour	Number of sheets per mat	€ the mat
062040	Blue	30	N/A -
062041	White	30	N/A -
062042	Grey	60	N/A -
062043	White	60	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

WHAT IS A CHEMICAL PROTECTIVE GLOVE?

The certification of a protective coverall or cloths in a particular type of protection represents its general impermeability against a specific form of exposure (gas, liquid under pressure, spray, dust). Certification does not necessarily mean that the coverall is 100% impervious to this type of exposure, but that the garment meets the **minimum requirements** of the standard.

Chemical protective clothing (cat. III): Types of protection

T1	**Type 1: gas-tight protective clothing. Clothing for protection against liquid and gaseous chemicals, including liquid aerosols and solid particles (EN 943-1:2002 and EN 943-2:2002)**
T2	**Type 2: protective clothing that is not gas-tight, but protects against liquid and gaseous chemicals, including liquid aerosols and solid particles (EN 943-1:2002)**
T3	**Type 3: protective clothing against liquid chemicals, including exposure to pressurised liquid jets (EN 14605:2005/A1:2009)**
T4	**Type 4: protective clothing against liquid chemical sprays (non-pressurised) (EN 14605:2005/A1:2009)**
T5	**Type 5: protective clothing against airborne solid particles (EN ISO 13982-1:2004-A1:2010)**
T6	**Type 6: limited protective clothing against liquid chemicals, in case of exposure to small quantities of mist or fine spray, or accidental splashes (EN 13034:2005/A1:2009)**

Other applicable standards

	Antistatic protective clothing (material performance and construction standards) (EN 1149-5:2008)
	Protection against contamination by radioactive particles: does NOT protect against radiation (EN 1073-2:2002)
	Protection against infectious agents: protection can also be indicated by the letter B (example: Type 3-B) (EN 14126:2003, includes several test methods)

Other standards are applicable, such as protection against heat or flame, degree of visibility.

Performance classes: for a given type of protection, the supplier must indicate the performance classes of the materials and seams used. Chemical protective clothing is classified into six categories based on the standardised permeation rate (EN 14325):

Normalized transit time (minutes) or cumulative permeation time	EN Class
> 10	1
> 30	2
> 60	3
> 120	4
> 240	5
> 480	6

Source: DuPont

3M Protective Coveralls





Coverall 4530: breathability and comfort

TYPE 5 EN ISO 13982-1 · TYPE 6 EN 13034 · EN 1149-5

- **PPE Cat. III, type 5-6 (protection against light splashes and hazardous dusts)**
- **SMS non-woven (55 g/m²)**
- **Elastic hood, waist and ankles, jersey cuffs**
- **Double zip fastener with adhesive flap**
- **Blue colour, white triangle on the back**
- **Antistatic treatment (EN 1149-5)**
- **Flame resistant (ISO 14116 index 1, EN 533)**

Coverall 4545: light and flexible, reinforced protection

- **PPE Cat. III, type 5-6 (protection against light splashes and hazardous dusts)**
- **Made of soft laminate material (49 g/m²)**
- **Elastic waist and ankles, jersey cuffs**
- **Double zip fastener with adhesive flap**
- **White**
- **Low particle release, suitable for use in cleanrooms**
- **Protection against infectious agents: type 5-B and 6-B (EN 14126:2003)**
- **Antistatic treatment (EN 1149-5)**
- **Protection against radioactive particles class 1 (EN 1073-2:2002)**

TYPE 5 EN ISO 13982-1 · TYPE 6 EN 13034 · EN 1149-5 · EN 1073-2***** · EN 14126

Model	Size M	Size L	Size XL	Size XXL	Units/ box	€/ box
4530	950027	950028	950029	950030	20	N/A -
4545	950256	950257	950258	950259	20	N/A -
4565	950260	950261	950262	950263	20	N/A -

Coverall 4565: reinforced protection and lightness

- **PPE Cat. III, type 4-5-6 against dust, light chemical splashes, low pressure liquid sprays**
- **Made of non-microporous laminate material (PP/PE 49 g/m²) with low linting, maximum sealing**
- **Elastic waist and ankles, jersey cuffs**
- **Double zip fastener with adhesive flap**
- **White with red covered seams**
- **Suitable for use in clean rooms**
- **Protection against infectious agents: type 4-B, 5-B and 6-B (EN 14126:2003)**
- **Antistatic treatment (EN 1149-5) on both sides**
- **Protection against radioactive particles class 2 (EN 1073-2:2002)**

TYPE 4 EN 14605 · TYPE 5 EN ISO 13982-1 · TYPE 6 EN 13034 · EN 1149-5 · EN 1073-2***** · EN 14126

PROSHIELD® Coveralls

PROSHIELD® 4 Practik Coveralls

- PPE Cat. I for protection against minor risks
- In non-woven high density polyethylene 42 g/m², micro-perforated, breathable
- Hooded Coverall with elastication at face, wrists, waist and ankles
- Zip closure
- White
- Anti-static treated lining for comfort



CAT I

Meaning of symbols page 1170

Size	M	XL	XXL	Units/ box	€/ box
Cat. No.	073649A	073651A	073652A	25	N/A -

Proshield® 20 ex Proshield Basic Coveralls

- PPE Cat. III, type 5, 6 (protection against particles and limited protection against liquids)
- SMS material, light and breathable (air and water vapour permeability)
- Hooded Coverall with elastication at face, wrists, waist and ankles
- Sewn outer seams
- Zipper under flap
- Antistatic treatment on the inside (EN 1149-5)
- Protection against contamination by radioactive particles (EN 1073-2, class 1)
- White or blue
- Packing by the unit



CAT III T5 T6 EN 1073-2 EN 1149-5

Size	S	M	L	XL	XXL	XXXL	€ 50 units
Blue	073826	073827	073828	073829	073830	073831	N/A -
White	073818	073819	-	-	-	073823	N/A -

EASYSAFE® Tyvek 200 EasySafe Coveralls

- PPE Cat. III, type 5, 6 (protection against particles and limited protection against liquids)
- Made of non-woven polyethylene, breathable, lightweight, robust
- Hooded Coverall with elastication at face, wrists, waist and ankles
- Yellow stitched seams
- Zipper under flap
- Antistatic treatment on the inside (EN 1149-5)
- Protection against contamination by radioactive particles (EN 1073-2, class 1)
- White
- Packing by the unit

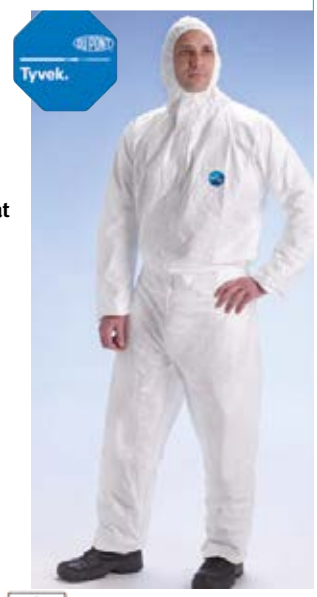


CAT III T5 T6 EN 1073-2 EN 1149-5

Size	S	M	L	XL	XXL	XXXL	€ 100 units
Cat. No.	073869	073870	073871	073872	073873	073874	N/A -

TYVEK® 400 Dual Coveralls

- PPE Cat. III, type 5, 6 (protection against particles and limited protection against liquids)
- Front in Tyvek®
- Large breathable SMS panel on the back, protects against particles down to 0.3 µm
- Hooded Coverall with elastication at face, wrists, waist and ankles
- Sewn outer seams
- Zipper under flap, crotch inset
- Antistatic treatment on the inside (EN 1149-5)
- Protection against contamination by radioactive particles (EN 1073-2, class 1)
- White
- Packing by the unit



CAT III T5 T6 EN 1073-2 EN 1149-5

Size	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	073750	073751	073752	073753	073754	073755	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

TYVEK® 500 Industry Coveralls



- PPE Cat. III, type 5, 6 (protection against particles and limited protection against liquids)
- Made of Tyvek®
- Coveralls with neck, with elastication at wrists, waist and ankles
- Zipper under flap, crotch inset
- Sewn internal seams
- Wearer and product protection, control of particle release and biological contamination
- Antistatic treatment on the inside (EN 1149-5)
- Protection against contamination by radioactive particles (EN 1073-2, class 1)
- Packing by the unit

CAT III | T5 | T6 | EN 1073-2 | EN 1149-5

Size	S	M	L	XL	XXL	Units/ box	€/ box
Cat. No.	073555	073556	073557	073559	073591	100	N/A -

TYVEK® 500 Labo Coveralls



- PPE Cat. III, type 5, 6 (protection against particles and limited protection against liquids)
- Made of Tyvek®
- Hooded jumpsuit with tunnelled elastication at wrists, ankles and face. Elasticated waist (glued-in).
- Integrated shoe covers with non-slip sole
- Zipper under flap, crotch inset, sewn inner seams
- Antistatic treatment on both sides (EN 1149-5)
- Low particle release, Coverall suitable for controlled environments
- Protection against contamination by radioactive particles (EN 1073-2, class 2)
- Packing by the unit

CAT III | T5 | T6 | EN 1073-2 | EN 1149-5

Size	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	073681	073682	073683	073684	073685	073686	25	N/A -

TYVEK® 500 Xpert Coveralls



WEB

Exclusive: Eco Pack on www.dulis.nl

- PPE Cat. III, type 5-B, 6-B (good protection against particles and liquids)
- Made of breathable and vapour permeable Tyvek®
- Hooded Coveralls with tunnelled elastication at wrists, ankles and face. Elasticated waist (glued-in).
- Zipper under flap, wide inseam
- Sewn outer seams
- Antistatic treatment on both sides (EN 1149-5)
- Protection against contamination by radioactive particles (EN 1073-2, class 2)
- Protection against infectious agents (EN 14126)
- White or green (chemical permeation of coloured combinations may differ from the permeation of white Tyvek®, see permeation data)
- Packing by the unit

CAT III | T5 | T6 | EN 1073-2 | EN 1149-5 | EN 14126

Size	Colours	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	White	073756	073757	073758	073759	073760	073761	100	N/A -
Cat. No.	Green	-	073570	073571	073572	073573	-	100	N/A -

TYVEK® 600 plus (ex Classic Plus) Coveralls



- PPE Cat. III, type 4-B, 5-B, 6-B (protection against particles and liquids)
- In Tyvek® for comfort and protection
- Hooded Coveralls with tunnelled elastication at wrists, ankles and face. Elasticated waist (glued-in).
- Hood compatible with wearing full face respirator
- Zipper under self-adhesive flap, thumbhole
- Covered seams
- Antistatic treatment on both sides (EN 1149-5), low particle release
- Protection against contamination by radioactive particles (EN 1073-2, class 2)
- Protection against infectious agents (EN 14126)
- White
- Packing by the unit

CAT III | T4 | T5 | T6 | EN 1073-2 | EN 1149-5 | EN 14126

TYVEK 600 Plus Coveralls without socks

Size	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	073593	073594	073595	073596	073597	073598	100	N/A -

TYVEK 600 Plus Coveralls with socks

Size	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	073599	073600	073601	073602	073603	073604	80	N/A -

Enter the Cat. No. on dulis.nl to find the size selection guide

WEB

TYCHEM® 2000 C Coveralls

- PPE Cat. III, type 3-B, 4-B, 5-B, 6-B (protection against particles and dangerous liquids, even if concentrated and under pressure)
- In Tychem® 2000 C (Tyvek coated)
- Hooded Coveralls with tunnelled elastication at wrists, ankles and face. Elasticated waist (glued-in).
- Zipper under double adhesive flap, thumbhole
- Covered seams
- Antistatic treatment on the inside (EN 1149-5)
- Protection against contamination by radioactive particles (EN 1073-2, class 1)
- Protection against infectious agents (EN 14126)
- Yellow
- Packing by the unit



CAT III T3 T4 T5 T6 EN 1073-2 EN 1149-5 EN 14126





TYCHEM® 2000 C Coveralls without socks

Size	S	M	L	XL	XXL	Units/ box	€/ box
Cat. No.	073614	073615	073616	073617	073618	25	N/A -

TYCHEM® 2000 C Coveralls with integrated socks

Size	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	073619	073620	073621	073622	073623	073624	20	N/A -

KLEENGUARD* A40 (T65XP) Coveralls

- PPE Cat. III, type 5-6 (protection against chemical splashes and particles)
- Made of strong laminated film, for chemical barrier (type 6)
- The fabric retains › 99% of fibres larger than 1 micron (type 5)
- Long zip, hood
- Ankle and wrist elastics
- Internal triple thread overlock seams protect against tearing
- Low particle release, suitable for use in controlled environments
- Antistatic treatment (EN 1149-1)
- Protection against radioactive particles (EN 1073-2 class 1)
- Suitable for handling chemicals and delicate operations in the pharmaceutical industry



Size	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	038942	038943	038944	038945	038946	038947	25	N/A -



KleenGuard

All prices are indicative and exclude VAT. Visit www.dulis.nl

HOP'SAFE Hooded Coveralls type 5/6



- Coverall EPI Cat. III, type 5/6
- Antistatic treatment (EN1149-5), protection against radioactive particles (EN1073-2)
- With hood, zip fastener with adhesive flap
- External seams for comfort
- Elastic wrist, ankle, hood and waist
- Air and water vapour permeable membrane made of polypropylene SMS, 55 g/m²
- Good tear and abrasion resistance
- Individual packaging

CAT III T5 T6 EN 1073-2 EN 1149-5

Size	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	475237	475238	475239	475240	475241	475242	25	N/A -

HOP'SAFE Coveralls type 5/6 - asbestos specific



- Coverall EPI Cat. III, type 5/6
- Antistatic treatment (EN1149-5), protection against radioactive particles (EN1073-2)
- With hood, zip fastener with adhesive flap
- Seams covered with a blue iron-on strip (better protection against the penetration of liquid and solid chemicals)
- Elastic wrist, ankle, hood and waist
- Air and water vapour permeable membrane made of polypropylene SMS, 55 g/m²
- Lint-free material (IEST-RP-CC033) resistant to tearing and abrasion
- Individual packaging

CAT III T5 T6 EN 1073-2 EN 1149-5

Size	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	475252	475253	475254	475255	475256	475257	25	N/A -

HOP'SAFE PLUS Coveralls type 5B/6B



- Coveralls EPI Cat. III, type 5B/6B
- Antistatic treatment (EN1149-5), protection against radioactive particles (EN1073-2), protection against infectious agents (EN 14126)
- With hood, zip fastener with adhesive flap
- Internal taped seams
- Elasticated wrists, ankles, waist, hood
- Air and water vapour permeable microporous membrane made of polypropylene SMS with PE coating, 65 g/m²
- Pleasant and flexible, good resistance to tearing and abrasion
- Individual packaging

CAT III T5 T6 EN 1073-2 EN 1149-5 EN 14126

Hooded Coveralls

Size	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	475106	475107	475108	475109	475110	475111	25	N/A -

Necked Coveralls

Size	S	M	L	XL	XXL	XXXL	Units/ box	€/ box
Cat. No.	475246	475247	475248	475249	475250	475251	25	N/A -

HOP'SAFE EXTRA Coverall

For the protection of the operator and the protection of sensitive products in a protected atmosphere.

- Coverall EPI Cat. III, type 4B, 5B, 6B
- Antistatic treatment (EN1149-5), protection against radioactive particles (EN1073-2), protection against infectious agents (EN 14126)
- With hood, zip fastener with adhesive flap
- Elastic wrist, ankle, hood and waist
- Waterproof/breathable membrane made of polypropylene SMS with PE membrane, 65 g/m²
- Lint-free material (IEST-RP-CC033) resistant to tearing and abrasion
- Individual packaging



CAT III T4 T5 T6 EN 1073-2 EN 1149-5 EN 14126

Size	S	M	L	XL	XXL	Units/ box	€/ box
Cat. No.	475261	475262	475263	475264	475265	25	N/A -



Body Eco Hooded Coveralls

- Non-woven spunbonded polypropylene 38 g/m²
- Very soft and opaque material
- White
- Elasticated cuffs and ankles
- Elastic around the waist
- Large lined flap on the zip



Size	M/L	XL	XXL	Units/ box	€/ box
Cat. No.	073718	073719	073720	50	N/A -

Polypropylene Hooded Coverall

- 3-layer non-woven polypropylene 65 g/m²
- With hood
- White
- Double seam
- Elastic around the waist, wrists and ankles
- Zip closure
- Individual packaging
- Category III type 5/6



Size	L	XL	XXL	Units/ box	€/ box
Cat. No.	475020B	475021B	475022B	50	N/A -

TYVEK® 500 Lab coats and trousers

- PPE Cat. III type PB[6] - chemical protective clothing partially covering the body
- Made of Tyvek®, which is permeable to air and water vapour while repelling aerosols and watery liquids
- Low particle release, anti-static treatment
- Silicone free
- Protection against infectious agents (EN 14126)
- Antistatic treatment on both sides (EN 1149-1)
- Sewn internal seams





White lab coat with snap buttons

- Fastened by 5 snap buttons
- With neck
- 3 pockets

Size	M	L	XL	XXL	Units/ box	€/ box
Cat. No.	073565	073566	073567	073568	50	N/A -

White lab coat with zip

- Zip closure
- Elastics on the wrists
- 2 pockets
- With neck

Size	S	M	L	XL	XXL	Units/ box	€/ box
Cat. No.	073605	073606	073607	073608	073609	50	N/A -

Tyvek® white trousers

- Without pocket
- Elastic waistband

Size	M	L	XL	XXL	Units/ box	€/ box
Cat. No.	073669	073670	073671	073672	50	N/A -

WEB

Chemical resistance guide for Tyvek & Tychem Coveralls: www.dulis.nl

All prices are indicative and exclude VAT. Visit www.dulis.nl

TYVEK® IsoClean® range for cleanrooms and controlled environments

IsoClean® range, bulk





- For use in GMP C/D and ISO 7/8 environments
- Bulk packaging, non-sterile
- PPE Category III, PB[6], protection against infectious agents

Tyvek® Isoclean® Lab coats with drawstring

- Overlocked seams, knitted cuffs
- Back closure with overlocked ties and tie belt

Cat. No.	Description	Units/ box	€/ box
073934	Lab coat with ties and knitted cuffs (M)	30	N/A -

Tyvek® Isoclean®Lab coats

- Internal taped seams, tunnelled elastication at wrists
- Front snap buttons

Size	S	M	L	XL	XXL	XXXL	€ 30 units
Cat. No.	073922	073923	073924	073925	073926	073927	N/A -

Accessories

Cat. No.	Description	Units/ box	€/ box
073928	Non-slip shoe covers size M (39.5)	50 pairs	N/A -
073929	Non-slip shoe covers size L (48.5)	50 pairs	N/A -
073930	Non-slip boot covers size M (39.5)	50 pairs	N/A -
073931	Non-slip boot covers size L (48.5)	50 pairs	N/A -
073933	Hoods with drawstrings	100	N/A -
073932	Sleeves lenght 45 cm with elastics	100	N/A -
073936	Mob cap with elastic (diam. 54 cm)	250	N/A -

Tyvek® IsoClean® Range, Propre & Stérile



- Cleanroom production, gamma sterilisation, SAL 10^{-6} (ISO 11137-1)
- For use in ISO class 5, GMP class A/B environments
- Double packaging (washed and sterilised)
- PPE Category I

Tyvek® IsoClean® - Coverall EPI Cat. III

- Sealed seams, sealed neck
- Zip closure
- Wrist and ankle elastics
- Raglan sleeve



Size	S	M	L	XL	XXL	XXXL	€ 25 units
Cat. No.	073839	073840	073841	073842	073843	073844	N/A -

Tyvek® IsoClean® Hooded Coverall, with overshoes

- With hoood and non-slip overshoes
- Overlocked seams, zipper
- Elasticated: hood, wrists and ankles; thumb loop
- Anti-slip PVC soles

Size	M	L	XL	XXL	XXXL	€ 25 units
Cat. No.	073832B	073833B	073834B	073835B	073836B	N/A -

Tyvek® IsoClean®Lab coats

- Sealed seams, elastic cuffs
- Snap buttons

Size	S	M	L	XL	XXL	XXXL	€ 30 units
Cat. No.	073845	073846	073847	073848	073849	073850	N/A -

Boot covers

- Elastic and ankle tie
- With non-slip PVC soles

Size	S 37	M 39.5	L 48.5	XL 53	Units/ box	€/ box
Cat. No.	073851	073852	073853	073854	50 pairs	N/A -

Tyvek® IsoClean®Accesories

- Serged Seams

Cat. No.	Description	Units/ box	€/ box
073856	Hoods with drawstrings	100	N/A -
073858	Hood and mask	100	N/A -
073857	Mob cap with elastic	250	N/A -

IsoClean® Chemo Gown Lab coat

- Chemotherapy gown
- PPE cat. III, type PB [6-B] (partial protection against chemical splashes, protection against infectious agents EN 14126)
- Non-sterile
- For cleanroom class C/D (ISO 6 to 9)
- Neck model with back closure, hook and loop closure at the neck
- Knitted cuffs, waist ties



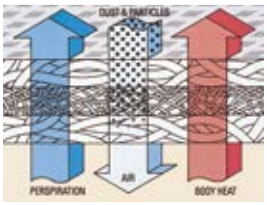


XS	S	M	L	XL	XXL	XXXL	€ 30 units
073937	073938	073939	073940	073941	073942	073943	N/A -

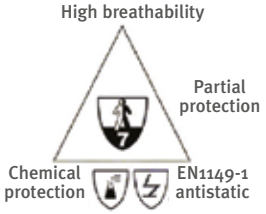
KIMTECH SCIENCE A7 Lab Coats

Partial protection against limited chemical splashes type 6.

- Breathable SMS material, 100% polypropylene, durable, providing a textile-like feel
- Functional cut; lab coat with neck and pockets, back pleat and snap buttons
- Triple-thread overlock stitching for high strength
- Silicone-free and antistatic treatment, in accordance with EN1149-1, suitable for critical environments
- White
- Partial protection, category 3
- Unisex
- Disposable product



High breathability





Size	S	M	L	XL	XXL	Units/ box	€/ box
Cat. No.	038936	038937	038938	038939	038941	15	N/A -

KIMTECH SCIENCE* A7 P+ Lab Coats

- PPE Cat. III (directive 89/686/CEE)
- Protection against limited chemical splashes: type 6
- Made of high performance polypropylene
- Silicone-free, abrasion-resistant and low-linting (Helmke cat. II)
- Anti-static, in accordance with EN1149-1: 1995
- Filtration of particles and bacteria: 99 %
- High neck for full chest protection
- Elastic cuffs and thumb loop
- Individually packed in double bags, for ISO 7 cat. C zones





Size	S	M	L	XL	XXL	Units/ box	€/ box
Cat. No.	039039	039038	039028	039029	039040	15	N/A -

KIMTECH PURE* Coverall for cleanrooms

For ISO 7 and 8 environments and grade C and D cleanrooms.

- PPE Category III: Directive 89/686/EC
- Protection against particles: category 5
- Light protection against chemical splashes: category 6
- In white SMS
- Antistatic coating according to EN1149-5:2008
- individually wrapped(non-sterile)

Applications:

- Biomedical research, non-sterile pharmaceutical industry, biotechnology



KIMTECH PURE* A8: breathable protection against particles

- High neck Coverall, without hood (A)
- Elasticated cuffs, integrated thumb loop (B)
- Filtration of bacteria: 94% according to ASTM F2101 (C)
- Ultra light material (45g/m²) with low linting (Helmke Drum Cat. III)



Size	S	M	L	XL	XXL	XXXL	XXXXL	Units/ box	€/ box
Cat. No.	041400	041401	041402	041403	041404	041405	041406	25	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

PRS® Polypropylene Lab Coats



PRS® Lab Coats, white, with classic neck and elastic bands, 22 g/m².

- English neck
- Without pockets
- Elastics on the wrists
- Snap fastener

XL	XXL	Units/ box	€/ box
475012	475013	50	N/A -

ENDOproteclab disposable Lab Coats



- Made of non-woven synthetic material 30 g/m²
- Snap closure
- Elasticated handles and lapel neck
- With CE marking

Size	Length (mm)	Green	€
XL	176 - 190	942932	N/A -

Body Eco white Lab Coats



- Non-woven spunbonded polypropylene 38 g/m²
- Very soft and opaque material
- White
- 4 snap fastener, elasticated cuffs, tailor-made neck, no pockets
- Hook in the neck (for hanging the coat)
- Category 1 - minor risks (not for use in hazardous environments)
- In an individual bag

Size	L	XL	XXL	Units/ box	€/ box
Cat. No.	073700	073701	073702	50	N/A -

Polypropylene Lab Coats with zip closure



- PP hygiene coats, 40 g/m²
- Sewn and elasticated at the wrists
- Zip closure
- Inside left pocket
- Available in white and navy blue

Colours	2/M	3/L	4/XL	5/XXL	€ 50 units
White	475351	475352	475353	475354	N/A -
Navy blue	475369	475370	475371	475372	N/A -

Polypropylene Lab Coat



- Weight: 30 g/m²
- Snap bouttons
- With pockets

XL	XXL	Units/ box	€/ box
475012B	475013B	50	N/A -

Body Tech Lab Coats

- Protection against limited splashing of hazardous materials
- Microporous outer film (waterproof) + soft touch inner non-woven
- Hook in the neckline to hang the blouse
- Sewn lab coat
- Front closure with 4 press studs
- Without pocket
- Elasticated cuffs
- White
- In an individual bag



Meaning of pictograms: page 1170
* size XXL: units/box = 70

Size	M/L	XL	XXL	Units/ box*	€/ box
Cat. No.	073703	073705	073706*	80	N/A -

Visitor Lab Coats

- Non-woven lab coat, polypropylene
- Single use
- Sewn with fitted sleeves and elasticated cuffs
- Tie neckline and front belt tie



Size	Length (cm)	Green	White	Yellow	Blue	€/ 50 units
L	114	711730	711731	711728	711729	N/A -
XL	127	711209	711210	711211	711212	N/A -

Economic lab coat

- Waterproof
- Fastened by Snap buttons
- Length: 1.10 m
- Clear polyethylene



Cat. No.	Description	Units/ box	€/ box
711934	Economical lab coat in transparent polyethylene	10	N/A -

"Patient" lab coat

- Full frontal protection
- Ribbon closure at neck, belt at waist
- Length: 1.05 m
- Made of spunbonded polypropylene non-woven 40 g
- Elastics on the wrists



Cat. No.	Description	Units/ box	€/ box
711935	Non-woven polypropylene "patient" lab coat	10	N/A -

Visitor kits

Each individually packaged kit contains:
- 1 white clip-on mob cap;
- 1 white lab coat in 20 µm polyethylene with snap buttons;
- 2 blue polyethylene overshoes;
- 1 white paper mask, 1 fold with elastic.

Cat. No.	Description	€ 100 units
030724	Visitor kits	N/A -

Underwear kit

- Used for large environments such as airlocks and decontamination showers
- Made of highly breathable, comfortable and lightweight polypropylene
- Loose fitting T-shirt for comfort
- One size fits all, single use

Cat. No.	Description	€ 100 units
475123	Underwear kit: 1 T-shirt, 1 pair of shorts and socks	N/A -

Visitor kits



Each individually packaged kit contains:
- 1 green 3-ply mask, made of non-woven PP, with ear straps;
- 1 white clip-on mob cap, in non-woven PP 14 g/m²;
- 1 white Body Eco lab coat in non-woven 38 g/m² (Cat. I).

Cat. No.	The kit contains	€ the 50 kits
999845	1 mask, 1 mob cap, 1 lab coat size L	N/A -
999846	1 mask, 1 mob cap, 1 lab coat XL	N/A -
999847	1 mask, 1 mob cap, 1 lab coat XXL	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

PE Ecopron disposable aprons



- Composition: polyethylene
- Dimensions (cm): 125 x 75
- Colour: white
- One size fits all

Cat. No.	Description	Units/ bag/	€/ bag
030798A	PE Ecopron disposable aprons	100	N/A -

Plastic apron



- With welded eyelets
- Side straps and neck strap
- Industrial quality
- Black
- Dimensions 80 x 100 cm

Cat. No.	Description	€
670815	Plastic apron	N/A -

Coverall, lab coat and apron



Cat. No.	Description	Units/ box	€/ box
Non-woven polypropylene Hooded Coverall. **Photo A.**			
030638	Coverall, size L	50	N/A -
030639	Coverall, size XXL	50	N/A -
20 µm polyethylene lab coat. Dim. 125 x 145 cm, white. **Photo B.**			
030637	Polyethylene lab coat	50	N/A -
White 20 µm disposable polyethylene apron. Dimensions: 135 x 76 cm. White **Photo C.**			
030645	Disposable polyethylene apron	100	N/A -

TYCHEM® Aprons

- PPE Cat. III type PB[3] (partial body protection)
- In TYCHEM® (TYVEK® coated with polymeric barrier material) offering good protection against chemical permeation to a wide range of inorganic chemicals and biohazards even under pressure
- Bib apron with ties at the back and neck
- One size fits all (covers legs to shins)
- Antistatic treatment on the inside (EN 1149-5)
- Protection against infectious agents (EN 14126)
- Yellow (TYCHEM® C) or grey (TYCHEM® F)





Cat. No.	Description	Units/ box	€/ box
073662	TYCHEM® C Apron - yellow	25	N/A -
073663	TYCHEM® F Apron - grey	25	N/A -

Sterile isolation gowns

- Made of polypropylene
- Hydrophobic non-woven
- One size (L): 118.5 cm
- With one integrated hand towel 30 x 70 cm



Cat. No.	Units/ bag	Units/ box	€/ box
711703	28	56	N/A -

Foliodress Protect Basic straight back surgical gown

- High resistance to the passage of liquids and germs
- Blue polypropylene non-woven, 40g/m² (SMS), water-repellent, soft and breathable, lint-free
- Two ties in the back
- Jersey with cuffs
- Sterile - medical device class I (TÜV - 0123)
- Single, with 2 hand towels
- In (double) unit packaging: SMS/paper-film blister
- Dual traceability label with barcode (EAN 128)



Cat. No.	Size	Height (mm)	Circumference (cm)	Units/ box	€/ box
161531B	L	125	145	18	N/A -
161532B	XL	140	156	18	N/A -

Sterile single-use surgical gowns

- Made of cellulose and polyester, hydrophobic non-woven
- Crossed back with ties, adjustable Velcro closure at neck
- Jersey with cuffs
- Reinforced version with flap
- With 2 hand towels and crepe sheet
- Flexible and breathable
- Manufacturing process: Spunlace
- Compliant with EN 13795 and AAMI



Cat. No.	Reinforced with PE	Size	Length (cm)	Units/ bag	Units/ box	€/ box
711722	No	M	121	20	40	N/A -
711717	No	L	121	20	40	N/A -
711718	No	L	131	20	40	N/A -
711726*	No	L	131	18	36	N/A -
711719	No	XL	132	18	36	N/A -
711723	No	XL	145	18	36	N/A -
711724	No	XXL	161	16	32	N/A -
711725	No	XXL	148	18	36	N/A -
711739*	Yes	L	131	16	32	N/A -
711740*	Yes	XL	145	16	32	N/A -

* With thumbhole

Anti-acid Lab Coats





- White Lab Coats for men and women in polycotton 195 g/m² (65% polyester - 35% cotton)
- Snap closure
- 3 pockets, V-neck
- Long sleeves, tight cuffs: with snap button

Size	S	M	L	XL	XXL	€
Women's model						
Chest size (cm)	90	98	106	114	122	
Cat. No.	943057	943058	943059	943060	943061	N/A -
Men's model						
Chest size (cm)	88	96	104	112	120	
Cat. No.	943157	943158	943159	943160	943161	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Women's acid-proof lab coat



- 100% Trevira polyester 275 g/m²
- Tailored neck
- Front closure with hooks under the flap
- Straight cuffs, adjustable hook and loop fastener
- Chest pocket, inside pocket and 2 lower patch pockets with hidden hook flaps

Size	0	1	2	3	4	5	€
Cat. No.	380069	380070	380071	380072	380073	380074	N/A -

Mixed medical Lab Coats



Elasticated cuffs — Knitted cuff

- 100% cotton
- 190 g/m² white cotton, 185 g/m² green cotton
- Side button closure
- Round neck
- Long sleeves, elastic or knitted cuffs
- 3 pockets (1 heart, 2 low)

Colours	Wrist	XS	S	M	L	XL	XXL	€
White	Elastic	943125	943126	943127	943128	943129	943130	N/A -
White	Knitted	943131	943132	943133	943134	943135	943136	N/A -
Green	Elastic	943119	943120	943121	943122	943123	943124	N/A -
Green	Knitting	943113	943114	943115	943116	943117	943118	N/A -

Cotton Lab Coats



A — B — C/D — E/F/G

- 100% cotton 190 g/m²
- 3 pockets, V-neck, central closure

Women's lab coat

Model	Closure	XS	S	M	L	XL	XXL	€
A	Button	943020	943021	943022	943023	943024	943025	N/A -
B	Button	943026	943027	943028	943029	943030	943031	N/A -
C	Pressure	-	943000	943001	943002	943003	943004	N/A -
D	Button	-	943005	943006	943007	943008	943009	N/A -

Men's lab coat

Model	Closure	S	M	L	XL	XXL	€
E	Button	943137	943138	943139	943140	943141	N/A -
F	Button	943147	943148	943149	943150	943151	N/A -
G*	Button	943142	943143	943144	943145	943146	N/A -

* cotton 210 g/m²

Unisex white lab coat, long sleeves with buttons

- Cotton
- Buttons
- Long sleeves



Size	0	1	2	3	4	5	€
Cat. No.	380019	380020	380022	380024	380026	380028	N/A -

Cotton lab coat with snaps

- For women
- From 36 to 56
- 100% cotton
- Snap closure
- With two pockets and a left chest pocket



Size	36	38-40	42-44	46-48	50-52	54-56	€
Cat. No.	380000	380001	380003	380005	380007	380009	N/A -

Cotton Lab Coats

Men's lab coat

- Men's lab coat in Sanfor twill 100% cotton
- Weight: 260 g/m²
- Snap closure
- One inside pocket
- Three bottom patch pockets
- Colour: white

Size	3	4	5	6	€
Cat. No.	678028	678029	678030	678031	N/A -

Women's lab coat

- Women's long lab coat in 100% cotton cretonne
- Weight: 190 g/m²
- Fastened by buttons
- Long sleeves
- Two chest clips
- Two front pockets and one chest pocket
- 5 thread design
- Colour: white

Size	38	40	42	44	46	€
Cat. No.	678032	678033	678034	678035	678036	N/A -





ENDOproteclab Lab Coats

- Cotton or cotton/polyester blend 240 g/m²
- Snap closure
- 3 pockets
- Lapel neck



Women's Lab coats

Size	S	M	L	XL	€
100% cotton	942675	942676	942677	942678	N/A -
65% polyester, 35% cotton	942679	942680	942681	942682	N/A -

Men's Lab coats

Size	S	M	L	XL	€
100% cotton	942667	942668	942669	942670	N/A -
65% polyester, 35% cotton	942671	942672	942673	942674	N/A -

Polyester cotton lab coat

- Women's lab coat
- Made of polyester/cotton
- White
- Snap closure
- Long sleeves
- Two chest clips
- 2 front pockets
- 1 chest pocket



Size	38	40	42	44	46	48	50	52	€
Cat. No.	678300	678301	678302	678303	678304	678305	678306	678307	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Women's Lab Coats in cotton or polycotton



- 3 pockets, V-neck
- Snap closure
- 100% cotton or polyester - cotton (65% - 35%)
- Elasticated cuffs



Colours	Fabric		S	M	L	XL	XXL	€
White	Cotton	190 g/m²	943032	943033	943034	943035	943036	N/A -
White	Polycotton	150 g/m²	943037	943038	943039	943040	943041	N/A -
Navy blue	Polycotton	125 g/m²	943047	943048	943049	943050	943051	N/A -

Men's polycotton lab coat



- 65% polyester 35% cotton
- 3 pockets, V-neck
- 195 g/m²
- Snap closure



Size	S	M	L	XL	XXL	€
Cat. No.	943152	943153	943154	943155	943156	N/A -

Coloured polyester Lab Coats - cotton











WEB

Find on dulis.nl
the visuals of the other colours

- Lab coats 65% polyester - 35% cotton
- 3 pockets, V-neck

Women's model

- Fastened by buttons
- Long sleeves

Chest size (cm)				
S	M	L	XL	XXL
90	98	106	114	122

Colours	g/m²	S	M	L	XL	XXL	€
Navy blue	125	943062	943063	943064	943065	943066	N/A -
Blue	125	943067	943068	943069	943070	943071	N/A -
Light blue	125	943072	943073	943074	943075	943076	N/A -
Black	125	943077	943078	943079	943080	943081	N/A -
Orange	115	943082B	943083B	943084B	943085B	943086B	N/A -
Green	115	943087B	943088B	943089B	943090B	943091B	N/A -
Lilac	125	943092	943093	943094	943095	943096	N/A -
Grey	125	943097	943098	943099	943100	943101	N/A -
Burgundy	125	943102	943103	943104	943105	943106	N/A -

Men's model

- Snap closure
- Long sleeves, elastic cuffs

Chest size (cm)				
S	M	L	XL	XXL
88	96	104	112	120

Colours	g/m²	S	M	L	XL	XXL	€
Green	125	943162	943163	943164	943165	943166	N/A -
Azure Blue	125	943167	943168	943169	943170	943171	N/A -
Blue	125	943172	943173	943174	943175	943176	N/A -
Black	195	943177B	943178B	943179B	943180B	943181B	N/A -
Grey	195	943182B	943183B	943184B	943185B	943186B	N/A -
Red	195	943187B	943188B	943189B	943190B	943191B	N/A -
Chocolate	195	943192B	943193B	943194B	943195B	943196B	N/A -
Beige	195	943197B	943198B	943199B	943200B	943201B	N/A -
Burgundy	195	943202B	943203B	943204B	943205B	943206B	N/A -
Navy blue	195	943207B	943208B	943209B	943210B	943211B	N/A -
Dark green	195	943217B	943218B	943219B	943220B	943221B	N/A -

Stainless steel dispenser for gloves in boxes or bags

- Designed to limit angles and retention zones (protected environment)
- Stainless steel 304
- Dimensions L x H x D (mm) 310 x 175 x 100
- Supplied with screws and dowels
- Optional: set of magnetic fasteners

Cat. No.	Description	€
022457	Stainless steel dispenser without retention zone	N/A -
022456	Set of 4 magnetic fasteners for dispenser	N/A -



PPE Dispensers



Cat. No.	Dispenser for	Type	Dim. L x H x D (mm)	Material	€
022409	Bulked PPE (mob caps, overshoes, overboots, sleeves)	Large model	200 x 410 x 200	Stainless steel 304	N/A -
022410	Bulked PPE (mob caps, overshoes, overboots, sleeves)	Large model	200 x 410 x 200	Blue lacquered steel	N/A -
022411	Bulked PPE (mob caps, overshoes, overboots, sleeves)	Small model	130 x 310 x 130	Stainless steel 304	N/A -
022412	Bulked PPE (mob caps, overshoes, overboots, sleeves)	Small model	130 x 310 x 130	Blue lacquered steel	N/A -
022413	PPE in bags or bundles	Large model: adjustable centre distance from 120 to 300 mm	340 x 110 x 80	Stainless steel 304	N/A -
022414	PPE in bags or bundles	Small model: adjustable centre distance from 60 to 200 mm	250 x 285 x 100	Stainless steel 304	N/A -
022415	Mobcaps	-	130 x 310 x 130	Stainless steel 304	N/A -
022416	Foldable dust masks	-	305 x 250 x 100	Stainless steel 304	N/A -
022417	Surgical masks	-	185 x 105 x 105	Stainless steel 304	N/A -
022418	Masks (with protective flap)	-	185 x 105 x 105	Stainless steel 304	N/A -
022419	Masks	-	80 x 240 x 45	Stainless steel 304	N/A -
022430	Dust Shell Masks	-	300 x 360 x 260	Blue lacquered steel	N/A -
022431	Dust Shell Masks	-	300 x 360 x 260	Stainless steel 304	N/A -
022433	Gloves (1 vertical box)	-	135 x 270 x 93	Stainless steel 304	N/A -
022434	Gloves (2 boxes)	-	276 x 270 x 93	Stainless steel 304	N/A -
022435	Gloves (3 boxes)	-	415 x 270 x 93	Stainless steel 304	N/A -
022436	Bulk gloves (PE)	Lockable	200 x 170 x 50	Stainless steel 304	N/A -
022437	Bulk gloves (PE)	Lockable	200 x 170 x 50	Blue lacquered steel	N/A -
022438	Bulk gloves (PE)	Lockable	250 x 300 x 40	Blue lacquered steel	N/A -
022439	Overshoes*	Automatic	205 x 400 x 120	ABS	N/A -
022440	Overshoes*	Automatic	235 x 430 x 153	Aluminium	N/A -
022441	Visitor kits	For 12 kits	130 x 400 x 110	Stainless steel 304	N/A -
022442	Apron on a roll	-	470 x 130 x 120	Stainless steel 304	N/A -
022443	Lab coats and Coveralls	Size XL (maximum 400 x 280 mm)	420 x 450 x 280	Stainless steel 304	N/A -
022444	Lab coats and Coveralls	Size S (maximum 350 x 250 mm)	350 x 395 x 260	Stainless steel 304	N/A -

* for overshoes 022445 (100 PE overshoes)

Magnetic fastening system for wall mounted PPE dispensers

Cat. No.	Description	€
022455	Set of 3 magnetic fasteners	N/A -
022456	Set of 4 magnetic fasteners	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

QuickFix Plasters Dispenser Box





Quickfix Plasters dispensers

- Easy access to plasters
- Delivered charged, refillable with 90 plasters
- Lockable dispensers
- Dispensers Dimensions (L x W x H): 230 x 135 x 32 mm
- Individually wrapped plasters
- Elastic plasters: adjust to movement
- Waterproof dressings: for humid environments
- Detectable dressings: blue with a wire

* Compatible refills: 060702 y 060703

Description	Content	Cat. No.	€	Cat. No. refill	Packaging unit	€ /sales unit
Quickfix elastic	2 x 45 elastic and breathable plasters	**060701**	**N/A -**	**060703**	6 x 45	**N/A -**
Quickfix Waterproof	2 x 45 waterproof and breathable plasters	**060700**	**N/A -**	**060702**	6 x 45	**N/A -**
Quickfix Elastic and waterproof	45 elastic plasters+ 45 waterproof plasters	**060707***	**N/A -**	**060703**	6 x 45	**N/A -**
Quickfix detectable	2 x 45 blue plasters	**060708**	**N/A -**	-	-	-
Quickfix long elastic	2 x 30 long elastic plasters	**060709**	**N/A -**	-	-	-
Quickfix detectable long	2 x 30 long blue plasters	**060710**	**N/A -**	-	-	-
Quick Fix Mini cases	30 elastic plasters	**060714**	**N/A -**	-	-	-
Empty Quickfix dispenser	-	**060743**	**N/A -**	-	-	-

Wound care

Description	Contents/box	Cat. No.	Packaging unit	€ /sales unit
Quickclean Wound Cleaner: 130 x 200 mm sterile cleansing wipes for wounds, cuts, small wounds	40 wipes	**060715**	11 boxes	**N/A -**
	20 wipes	**060716**	6 boxes	**N/A -**
QuickStop Compression plasters: plasters with integrated elastic, sterile, hypoallergenic compression system	2 plasters 17 x 17 cm and 1 plaster 12 x 7.5 cm	**060717**	6 boxes	**N/A -**
Quickcool burn gel: immediate cooling effect for minor burns and scalds	18 bags	**060718**	6 boxes	**N/A -**

ANAPORE surgical tape



Rolls of microporous bandage, to hold dressings in place on sensitive skins and for the frequent renewal of dressings.

- Hypoallergenic
- High skin tolerance
- White non-woven material
- Withdraw painlessly
- Sold in rolls

Anapore tape

Cat. No.	Roll size (cm)	Number of rolls per box	€/ box
794039	914 x 1.25	24	**N/A -**
794040	914 x 2.5	12	**N/A -**
794041	914 x 5	6	**N/A -**
794043	500 x 1.25	24	**N/A -**
794044	500 x 2.5	12	**N/A -**
794045	500 x 5	6	**N/A -**
794046	500 x 7.5	3	**N/A -**

3M micropore film on roll



- Dermal film
- Hypoallergenic
- Air permeable
- On a roll

Cat. No.	Description	Units/ box	€/ box
030236	Roll 2.5 cm x 9.14 m with reel	1	**N/A -**
030241	Roll 2.5 cm x 9.14 m	12	**N/A -**
030281	Roll 2.5 cm x 5 m	1	**N/A -**

Carded cotton and cotton wool

Carded cotton

Cat. No.	Description	Packaging	€
030231	Rolled carded cotton	Plastic bag 1 kg	N/A -
030232	Carded cotton	Plastic bag 500 g	N/A -

Hydrophile Cotton

Cat. No.	Description	€
030230	Surgical cotton wool rolled up in a plastic bag 500 g	N/A -
030285	Surgical cotton wool rolled up in a plastic bag 1 kg	N/A -



Hydrophilic gauze compress

Purified hydrophilic gauze compress. 17 threads per cm².

Cat. No.	L x W folded (mm)	L x W unfolded (mm)	Number of folds	Sterile	Packaging unit	€ / sales unit
030233	50 x 75	90 x 270	8	No	10 bags of 100	N/A -
030234B	75 x 75	210 x 270	8	No	50 bags of 2 x 12	N/A -
030235	100 x 100	380 x 380	16	No	10 bags of 100	N/A -
030233ST	75 x 75	90 x 270	8	Yes	50 bags of 5	N/A -
030235ST2	100 x 100	380 x 380	16	Yes	180 bags of 10	N/A -
030276A	100 x 200	-	4	No	1 bag of 100	N/A -



Optima Compresses

- Non-woven
- Non-sterile or sterile
- 4 ply
- 30 grs

Cat. No.	Sterile	Dimensions (cm)	Units/ bag	Bags/ box	€/ box
030743B	No	5 x 5	50	100	N/A -
030744B	No	7.5 x 7.5	50	100	N/A -
030745B	No	10 x 10	50	100	N/A -
030746B	Yes	5 x 5	5	50	N/A -
030747B	Yes	7.5 x 7.5	5	50	N/A -
030748B	Yes	10 x 10	5	50	N/A -



Zellin Pure wadding swab

Sold by wrapped roll of 500 swabs

Cat. No.	Description	€
794054	500 swab roll	N/A -



Pur-Zellin cellulose swab

- Pre-cut cellulose flat swab
- Easy handling by using the Pur-Zellin Box
- Class I medical device
- For local antisepsis before an injection or infusion
- Layering 14 layers of extra-bleached cellulose 18g/m²
- Dimensions: 4 x 5 cm
- Absorption capacity approx. 11 g/g, immersion time ≤ 10 seconds
- In rolls of 500 pre-cut swabs, in polyethylene bags

Cat. No.	Description	Units/ box	€/ box
161528	Pur-Zellin cellulose swab	1 roll	N/A -
161542	Pur-Zellin Dispenser Box	1	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Alcohol swabs



- Swabs impregnated with 70% isopropyl alcohol
- For disinfecting the skin before injections

Cat. No.	Description	Units/ box	€/ box
140425A	Alcohol impregnated swab	200	N/A -
140443	Alcohol impregnated wide swab	100	N/A -

Alcohol swabs



- Non-woven, alcohol impregnated 70% Isopropanol
- Size: medium
- Prepares the skin before an injection

Cat. No.	Description	€/ the box of 100
030742	Alcoholic swab	N/A -

Boxes of 48 mixed wipes



- Composition box A:
  12 alcohol lotions,
  12 drying lotions,
  12 calendula lotions,
  12 anti-mosquito lotions
- Composition box B:
  12 alcohol lotions,
  12 drying lotions,
  12 calendula lotions,
  12 chlorhexidine lotions

Cat. No.	Description	€
280010	Box of 48 mixed bags A	N/A -
280011	Box of 48 mixed bags B	N/A -

Chlorhexidine disinfectant



- Broad spectrum disinfectant
- Colourless solution
- 50 ml sprayer

Instructions for use: spray on healthy skin to disinfect then swab the excess.

Cat. No.	Description	€
853162	Chlorhexidine disinfectant	N/A -

Diphoterine-based cleaning product



Suitable for face and body washing in case of chemical splashes, also available as an eye wash.

- Instantly neutralizes acids, bases and solvents
- Sterile solution
- Expiry date: 2 years
- Available in version: 200 ml, 100 ml, and eye wash (50 ml)
- Single-use eyewash version, with seal to ensure device integrity

Cat. No.	Contents	€
941017	50 ml (eye wash version)	N/A -
941018	100 ml	N/A -
941019	200 ml	N/A -

Eyewash and saline or pH Neutral wall stations

Sterile 0.9% sodium chloride saline solution

- For rinsing and removing foreign bodies, dust, splinters, solvents, oils
- Rinse until all foreign bodies are removed

Estimated rinsing time (min.)		
Flask volume	Single eyelet	DUO Eyelet
200 ml	2	-
500 ml	5	2
1000 ml	10	5

pH Neutral: 4.9 % sterile phosphate buffer for neutralisation:

- For rinse and neutralisation of acid and alkali chemical splashes
- Rinse with pH Neutral solution for about 2 minutes, then rinse with saline solution

One eye flasks:

- For one eye rinsing at a time

DUO flask

- For simultaneous rinsing of both eyes

CE


DUO bottle

Bottles only

Eyelet	Flask volume (ml)	Cat. No. saline solution	€	Cat. No. pH Neutral	€
Simple	200	060030B	N/A -	941012B	N/A -
Simple	500	030025B	N/A -	-	-
Simple	1000	060725	N/A -	060728	N/A -
DUO	500	060724	N/A -	060727	N/A -
DUO	1000	060726	N/A -	-	-

Wall-mounted stations and boxes

- With saline solution and/or pH Neutralizing Solution
- The polystyrene boxes are dustproof and impact resistant and can be hung on walls

Cat. No.	Description	Saline solution	pH Neutral	€
060729	Wall station (wall bracket & pictogram)	1 x 500 ml	-	N/A -
060028	Wall station (stand & pictogram)	2 x 500 ml	-	N/A -
060730	PH Neutral Wall Station	-	1 x 1000 ml	N/A -
060731	Maxi Wall Station	2 x 1000 ml	-	N/A -
060740	DUO wall station	1 x 1000 ml DUO	-	N/A -
941008	Plum Combi Station	1 x 500 ml	1 x 200 ml	N/A -
060741	Plum Combi Station DUO	1 x 1000 ml DUO	1 x 500 DUO	N/A -
060732	Wall-mounted box	2 x 500 ml	-	N/A -
060733	DUO box set	2 x 1000 ml DUO	-	N/A -
060735	Plum Combi-Box DUO	1 x 500 ml DUO	1 x 500 ml DUO	N/A -
060736	Plum Combi-Box DUO MAXI	1 x 1000 ml DUO	1 x 500 ml DUO	N/A -
060744	PS empty box for 200 ml to 500 ml bottles	-	-	N/A -



Plum Combi Station DUO


Wall-mounted box

Quick Rinse eyewash ampoules

- With saline solution and/or pH Neutralizing Solution
- The polystyrene boxes are dustproof and impact resistant and can be hung on walls

Cat. No.	Description	Content	€
060737	Quick Rinse wall dispenser	10 ampoules	N/A -
060738	Quick Rinse refill for dispensers	4 cases x 5 ampoules	N/A -
060739	Quick Rinse Mini cases	5 cases x 4 ampoules	N/A -

Accessories

Cat. No.	Description	€
060742	Belt bag for 200 ml bottle (delivered empty)	N/A -
060029	Belt bag with 200 ml saline solution bottle	N/A -

Portable eyewash bottle

- 235 ml bottle (isotonic solution)
- Contains a buffered solution: neutralising effect on acidic and basic splashes
- Easy to carry, pocket size
- Phosphate-free
- Dust protected eyelet
- Generous rinsing
- Shelf life: 4.5 years

Cat. No.	Description	€
039056B	Portable eyewash bottle 235 ml	N/A -





All prices are indicative and exclude VAT. Visit www.dulis.nl

Multi-purpose/multi-activity first aid kit



Contains everything needed for quick and efficient interventions:

- sterile compresses;
- bands;
- disinfectant;
- hydroalcoholic solution;
- adhesive dressings;
- tape;
- gloves;
- scissors;
- splinter forceps;
- first aid guide.

Cat. No.	Description	€
941000	ABS case for 1 to 4 people with wall mounting	N/A -
941001	ABS case for 1 to 8 people with wall mounting	N/A -

First aid kit



First aid box suitable for all structures with up to 15/20 people.

Compartmentalised box

With wall support

In translucent blue polypropylene

Case in accordance with the recommendations of Occupational Health

Contains:

- survival blanket;
- hemostatic cushion;
- triangular slings;
- mouth-to-mouth mask;
- single-dose eyewash bottles;
- pressure dressings;
- sterile compresses;
- bands;
- disinfecting wipes;
- assorted adhesive dressings;
- tape;
- fingercots, gloves;
- scissors;
- splinter forceps;
- safety pins;
- first aid guide.

Cat. No.	Description	€
941002	Occupational health first aid kit	N/A -

Multi-purpose first aid kit, white polypropylene

Set for 1 to 4 people



Set for 4 to 8 people



Contains everything needed for quick and efficient interventions.

Model	Box 1 to 4 people	Box 4 to 8 people
Sterile swabs	5	10
Strips	1 gauze, 1 stretch band	1 gauze, 1 stretch band
Pressure dressings	1 small, 1 large	1 small, 1 large
Adhesive dressings	10	20
Plasters	1 roll 5 x 2 cm	1 roll 5 x 2 cm
Compresses	2 alcoholic, 2 anti-shock, 2 mosquito repellents	3 anti-shock
Gel bags	1 anti-scald, 1 bactericide	3 anti-scald, 3 bactericide
Scissors	1	1
Splinter forceps	1	1
Fastening clip for strips	4	6
Leather fingercots	0	1
Synthetic gloves	1 pair	2 pairs
First aid guide	1	1
Dimensions (cm)	18 x 13 x 6	26 x 20 x 9
Weight (g)	400	700
Cat. No.	**941014**	**941015**
€	**N/A -**	**N/A -**

First aid stations

Anti-dust wall station

Transparent polycarbonate front

Dimensions L x W x H (mm) 430 x 253 x 92 mm



060721



060723

	QuickSafe Basic	QuickSafe Complete	QuickSafe Food Industry	Quicksafe Chemical Industry
Content	- 2 x 500 ml eyewash saline solution - 1 x 200 ml Neutral pH solution - 5 x 20 QuickRinse ampoules - 1 refill of 45 dressings Quickfix Elastic	- 18 gels Quick Cool anti-burn gels - 1 set of QuickStop compresses - 20 cleaning wipes QuickClean wounds - 2 x 500 ml eyewash saline solution - 1 x 200 ml of Neutral pH - 5 QuickRinse ampoules - 1 refill of 45 dressings QuickFix Elastic	- 18 Quick Cool anti-burn gels - 1 set of QuickStop compresses - 20 QuickClean wound cleaning wipes - 2 x 500 ml eyewash saline solution - 1 x 200 ml of Neutral pH - 1 refill of 45 detectable dressings - 1 refill of 30 dressings long detectable	- 1 x 500 ml eyewash saline solution DUO - 1 x 500 ml neutral pH DUO - 1 x 200 ml Neutral pH - 5 QuickRinse eyewash ampoules - 1 refill of 45 dressings QuickFix Elastic
Cat. No.	**060719**	**060720**	**060721**	**060722**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Empty QuickSafe Station

Cat. No.	Description	€
060723	Empty QuickSafe Station	N/A -

Lacquered metal medicine cabinets

- In lacquered metal
- 1 door
- Key lock
- To be completed with the refill kit ASEP KIT PV 10 (10 person cabinet) or PV 8 (8 person cabinet)
- Refills sold separately



Cabinet 941004 sold empty

Cabinets and refills

	Empty cabinet - 10-person	Empty cabinet - 8-person
Cabinet Dim. (cm)	30 x 45 x 14	32 x 32 x 15
Full weight (kg)	3.6	3.4
Empty weight (kg)	3	3.2
Colour	White	Red
Cat. No.	**941004**	**941003**
€	**N/A -**	**N/A -**
	Refill ASEP KIT PV 10	Refill ASEP KIT PV 8
Cat. No.	**941016**	**941005**
€	**N/A -**	**N/A -**



Cabinet 941003 sold empty

Refill contents

Survival blanket	1	-
Cotton	100 g	-
Sterile swabs	4 x 5	10
Strips	8 gauze, 4 stretch bands, 4 pads	2 gauzes, 2 stretch bands
Pressure dressings	2 small, 2 large	1 small, 1 large
Adhesive dressings	2 x 10	2 x 10
Plasters	1 roll 5 m x 2 cm	1 roll 5 m x 2 cm
Chlorhexidine antiseptic spray	-	50 ml
Compresses	4 alcoholic, 4 anti-shock	3 anti-shock
Gel bags	4 anti-scalds	3 anti-scald, 3 bactericide
Plastic bottles 125 cc	4	-
Scissors	1	1
Splinter forceps	1	1
Safety pins	12	
Clip for strips	-	6
Leather fingercot	1	1
Synthetic gloves	2 pairs	2 pairs
First aid guide	1	1

Wall-mounted pharmacy cabinets

Specially designed for storing dressings, medicines and other first aid items.

- 10/10 construction
- Epoxy paint RAL 9010
- Standard symbols
- Key lock
- Wall mounting

Cat. No.	H x L x D (mm)	Number of Shelves	Storage Capacity	Weight (kg)	€
060094	380 x 470 x 205	2	12 l	1	**N/A -**
060095	580 x 470 x 205	4	19 l	1	**N/A -**



MF25



MF15

Fire blankets

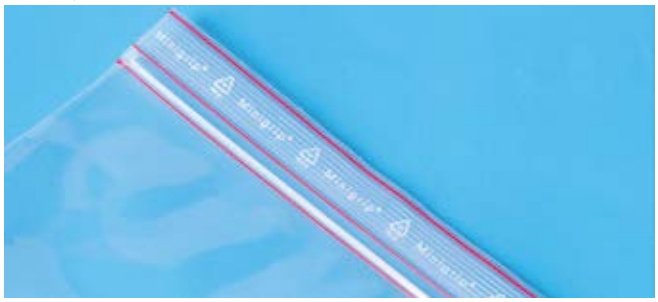
Cat. No.	Description	€
060151	Fire blanket, dimensions: 1200 x 1200 mm	**N/A -**
060152	Fire blanket, dimensions: 1800 x 1200 mm	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Minigrip bags

Minigrip bags



Cat. No.	L x H (mm)	Thick. (µm)	ø suspension hole	ø vent hole	Roll of	Pack unit	€
060523	40 x 60	60	6 mm	Without	100	1000	N/A -
060501	60 x 80	60	8 mm	Without	100	1000	N/A -
060502	80 x 120	60	8 mm	Without	100	1000	N/A -
060705	80 x 120	100	8 mm	Without	50	500	N/A -
060590	85 x 180	60	8 mm	4 mm	50	1000	N/A -
060589	100 x 100	60	8 mm	Without	100	1000	N/A -
060503	100 x 150	60	8 mm	Without	100	1000	N/A -
060704	100 x 150	100	8 mm	Without	50	500	N/A -
060504	120 x 180	60	8 mm	Without	50	1000	N/A -
060599	120 x 180	100	8 mm	Without	50	500	N/A -
060524	140 x 170	60	8 mm	Without	50	1000	N/A -
060585	150 x 180	60	8 mm	Without	50	1000	N/A -
060588	150 x 200	60	8 mm	Without	50	1000	N/A -
060505	160 x 220	60	8 mm	Without	50	1000	N/A -
060598	160 x 220	100	8 mm	Without	50	500	N/A -
060583	180 x 250	60	8 mm	Without	50	1000	N/A -
060506	180 x 350	60	8 mm	Without	50	1000	N/A -
060538	200 x 200 (airport)	60	8 mm	Without	50	1000	N/A -
060586	200 x 250	60	8 mm	4 mm	50	1000	N/A -
060525	200 x 300	60	8 mm	6 mm	50	1000	N/A -
060587	220 x 280	60	8 mm	4 mm	50	1000	N/A -
060526	230 x 300	60	8 mm	6 mm	50	1000	N/A -
060580	230 x 320	60	8 mm	4 mm	50	1000	N/A -
060591	250 x 320	60	8 mm	4 mm	50	1000	N/A -
060596	250 x 320	100	8 mm	4 mm	50	500	N/A -
060584	250 x 350	60	8 mm	Without	50	1000	N/A -
060582	270 x 400	60	8 mm	6 mm	50	1000	N/A -
060521	300 x 400	60	8 mm	6 mm	50	1000	N/A -
060597	300 x 400	100	8 mm	4 mm	50	500	N/A -
060522B	350 x 450	60	8 mm	6 mm	50	500	N/A -

Bags with writing area



Cat. No.	L x H (mm)	Thick. (µm)	ø suspension hole	ø vent hole	Roll of	€ 1000 units
060500	60 x 80	60	8 mm	Without	100	N/A -
060519	80 x 120	60	8 mm	Without	100	N/A -
060514	100 x 150	60	8 mm	Without	100	N/A -
060515	120 x 180	60	8 mm	Without	50	N/A -
060516	160 x 220	60	8 mm	Without	50	N/A -
060517	230 x 320	60	8 mm	6 mm	50	N/A -
060592	150 x 180	60	8 mm	Without	50	N/A -
060593	180 x 250	60	8 mm	Without	50	N/A -
060594	300 x 400	60	8 mm	4 mm	50	N/A -
060595	300 x 450	60	8 mm	4 mm	50	N/A -

Polyethylene bags with red piping on the zip.

- **8 mm diameter suspension hole**
- **Delivered in 1000 units**
- **Available in simple version, with writing area or with kangaroo pocket**
- **The writing area is divided into three bands, writing with a biro is possible**
- **Models with a kangaroo pocket allow the insertion of accompanying documents**

Minigrip PE antistatic bags



Cat. No.	L x H (mm)	Thick. (µm)	ø suspension hole	ø vent hole	Roll of	€ 1000 units
060531	70 x 100	75	Without	Without	50	N/A -
060532	100 x 150	75	Without	Without	50	N/A -
060533	150 x 220	75	Without	Without	50	N/A -
060534	180 x 250	75	Without	Without	50	N/A -
060535	200 x 350	75	Without	Without	50	N/A -
060536*	300 x 400	75	Without	Without	50	N/A -

* Cat. No. 060536: sold by 500 (price for 500 bags).

Minigrip PE anti-UV bags



Cat. No.	L x H (mm)	Thick. (µm)	ø suspension hole	ø vent hole	Roll of	€ 1000 units
060527	70 x 100	75	Without	Without	50	N/A -
060528	100 x 150	75	Without	Without	50	N/A -
060529	150 x 220	75	Without	Without	50	N/A -
060530	200 x 300	75	Without	Without	50	N/A -

Double kangaroo pouches



Cat. No.	L x H (mm)	Thick. (µm)	ø suspension hole	ø vent hole	Roll of	€ 1000 units
060706	150 x 180 + 160	50	8 mm	Without	50	N/A -
060508	160 x 220 + 160	50	8 mm	Without	50	N/A -
060509	180 x 250 + 170	50	8 mm	Without	50	N/A -

Minigrip bags (continued)

Topmatic® slider bag

- Polypropylene, transparent and glossy
- Convenient, fast and safe opening and closing with slider



Cat. No.	Dimensions L x D + SDF*(mm)	Thickness (µm)	Units/ box	€/ box
060550	125 x 90	75	250	N/A -
060551	180 x 110	75	250	N/A -
060552	220 x 115 + SDF 15	75	250	N/A -
060553	200 x 150	75	250	N/A -
060554	250 x 170	75	250	N/A -
060555	240 x 320	75	250	N/A -
060556	265 x 280 + SDF 30	75	250	N/A -
060557	320 x 230	75	250	N/A -
060558	360 x 250	75	250	N/A -
060559	350 x 450 + SDF 30	75	250	N/A -

* SDF: Bottom gusset

Doypack® bags



	In PET with zip			In aluminium with zip		
Dimensions L x D + SDF*(mm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
85 x 125 + 2 x 25	-	-	-	060568B	500	N/A -
110 x 160 + 2 x 32	060561B	500	N/A -	060569B	500	N/A -
130 x 190 + 2 x 35	060562B	500	N/A -	060570B	500	N/A -
160 x 230 + 2 x 40	060563B	500	N/A -	-	-	-
180 x 255 + 2 x 45	060564B	500	N/A -	060571B	500	N/A -
210 x 270 + 2 x 55	060565B	500	N/A -	060572B	500	N/A -
250 x 300 + 2 x 65	060566B	500	N/A -	060573B	500	N/A -
300 x 330 + 2 x 80	060567B	500	N/A -	-	-	-

Polyethylene zip lock bags

- Zipper system for fast and secure closure
- Available with a single or double pocket to allow documents to be attached without coming into contact with the samples being transported
- Clear polyethylene
- Thickness of 50 µm
- For the collection and transport of samples



Double pocket bags

Cat. No.	W x H (mm)	Writing area	€ 1000 units
140221	125 x 170	No	N/A -
140220	125 x 170	Yes	N/A -
140322	150 x 180	No	N/A -
140222	160 x 220	No	N/A -
140223	200 x 300	No	N/A -

Other sizes are available; please consult us.
* Sold by 200(€ per 2000)

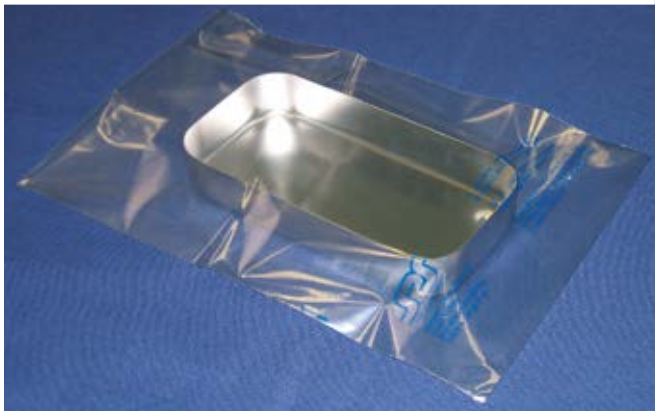
Single bags

Dimensions W x H (mm)	Without marking area	€ 1000 units	With marking area	€ 1000 units
60 x 80	140212	N/A -	140308	N/A -
60 x 220	140318	N/A -	-	-
70 x 100	140302	N/A -	140309	N/A -
80 x 120	140215	N/A -	140310	N/A -
100 x 150	140211	N/A -	140210	N/A -
120 x 170	140319	N/A -	140317	N/A -
120 x 180	140213	N/A -	140311	N/A -
150 x 180	140303	N/A -	140312	N/A -
150 x 200	140304	N/A -	140313	N/A -
160 x 220	140224	N/A -	140214	N/A -
170 x 240	140305B*	N/A -	140314	N/A -
200 x 250	140316	N/A -	-	-
200 x 300	140217	N/A -	-	-
230 x 320	140306	N/A -	140218	N/A -
350 x 450	140307	N/A -	140315	N/A -

DUSTCOVER protective bags

For distribution and storage in sterile areas.

- Self-adhesive two-sided protective bag
- Polypropylene film 50 µm
- Excellent mechanical resistance
- Dust protection



Cat. No.	L x W (mm)	Units/ box	€/ box
095090B	150 x 250	500	N/A -
095091B	200 x 300	1000	N/A -
095092B	300 x 500	800	N/A -
095093B	400 x 550	500	N/A -
095094B	400 x 760	400	N/A -
095095B	600 x 760	200	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Whirl-Pak bags



The universal sample container

- Low density polyethylene bags, non-autoclavable
- The resins used are FDA and USDA approved for food contact
- Supplied sterilised with ethylene oxide
- Bags closed with metal tabs
- Completely waterproof (ideal for transport)
- The volumes quoted remain approximate
- The capacity of the bags is measured when the tabs are rotated three times around the bag
- Must not be used at temperatures above 82 °C
- Ideal for storing liquids, powders, foodstuffs and various samples



Bag/rack compatibility

Cat. No.	Compatible racks
052900	-
052901	-
052902	-
052903	D F
052904	D F
052905	D
052906	D
052907	D F
052908	-
052909	-
052910	-
052911	-
052912	-
052913	-
052914	-
052915	-
052916	-
052917	D F
052918	D
052919	D
052920	-
052921	-
052922	-

Racks for Whirl Pack bags

Cat. No.	Type	Grid	Dimensions (cm)	Number of boxes	Cases Dimensions (cm)	€
052926	D	Double	26 x 25.4 x 9	12	8.25 x 6.35	N/A -
052928	F	Double	34 x 27.3 x 10.2	20	6.35 x 6.35	N/A -

Cat. No.	W x H (cm)	Volume (ml)	Thickness (µm)	Units/ box	€/ box
Standard bags					
052900	7.5 x 12.5	60	57	500	N/A -
052901	7.5 x 18.5	120	57	500	N/A -
052902	9.5 x 18	210	76	500	N/A -
052903	13 x 19	390	76	500	N/A -
052904	11.5 x 23	540	64	500	N/A -
052905	15 x 23	720	76	500	N/A -
052906	15 x 23	720	102	500	N/A -
052908	12.5 x 30.5	810	76	500	N/A -
052909	12.5 x 38	1080	76	500	N/A -
052910	15 x 38	1260	76	500	N/A -
052911	19 x 38	2070	76	500	N/A -
Bag with pocket					
052907	15 x 25	720	64	500	N/A -
Bags with marking area					
052914	6.5 x 12.5	30	57	500	N/A -
052915	7.5 x 12.5	60	57	500	N/A -
052916	7.5 x 18.5	120	57	500	N/A -
052912	7.5 x 18.5	120	64	500	N/A -
052959	9.5 x 18	207	-	500	N/A -
052960	13 x 19	384	-	500	N/A -
052913	11.5 x 23	540	64	500	N/A -
052917	11.5 x 23	540	64	500	N/A -
052918	15 x 23	720	76	500	N/A -
052919	15 x 23	720	102	500	N/A -
052961	12.5 x 30.5	798	-	500	N/A -
052920	19 x 30	1650	102	500	N/A -
052962	19 x 38	2041	-	500	N/A -
Bags with stable bottom					
052922	7.5 x 18.5	120	64	500	N/A -
052921	11.5 x 23	540	76	500	N/A -
Bags for large samples					
052952	25.4 x 38	2721	102	250	N/A -
052953	25.4 x 50.8	3637	102	250	N/A -
052954	38 x 50.8	5441	102	100	N/A -
Black bag					
052958	11 x 23	532	-	500	N/A -

Whirl-Pak Color bags



- With marking area and colour code

W x H (cm)	Volume (ml)	Thickness (µm)	Blue	Red	White	Units/ box	€/ box
7.5 x 18.5	120	57	052982	052983	052984	500	N/A -
11.5 x 23	540	64	052985	052986	052987	500	N/A -
15 x 23	720	76	052988	052989	052990	500	N/A -
19 x 30	1650	102	052991	052992	052993	500	N/A -

Whirl-Pak Stand Up bags with stable bottom

- Made of polyethylene
- Resistant to many solvents

Cat. No.	W x H (cm)	Volume (ml)	Thickness (µm)	Units/ box	€/ box
052922	7.5 x 18	120	0.064	500	N/A -
052957	15 x 23	710	0.076	500	N/A -
052965	12.5 x 38	1065	102	250	N/A -
052964	15 x 38	1242	102	250	N/A -
052963	19 x 38	2041	102	250	N/A -

See Stomachers pages 1404





Whirl-Pak bags for surface sampling

Sachets with sponge for sampling.

- Recommended for collecting surface samples
- Cellulose sponge, bactericide-free, sterile
- Sponge dimensions: 3.8 x 7.6 x 1.5 cm

See other surface sampling sponges on page 963





Cat. No.	W x H (cm)	Volume (ml)	Thickness (µm)	Units / box	€/ box
052969	11.5 x 23	532	64	100	N/A -
052970	19 x 30	1627	102	100	N/A -
052971*	11.5 x 23	532	64	100	N/A -

* version with large PE gloves, sterile.

Moistened sponge in Stomacher bag

For sampling on dry surfaces.

- Delivered in a zip lock bag size W x H: 18 x 21 cm
- Dimensions sponge Length 8 cm x width 5.8 cm thickness 3 mm
- Gamma Irradiated
- Shelf life 12 months

Cat. No.	Thinner	Vol. (ml)	Standard	Units/ box	€/ box
042077	Neutralizer	10	ISO 18593	200	N/A -
042082	Tryptone salt	10	ISO 17604	200	N/A -



Whirl-Pak bags for mixers

Bags for mixers contain a filter to separate solids and liquids.

Vertical filter bags





- 250 µm filter
- Available with or without metal tab

W x H (mm)	Tot. Vol. (ml)	Working volume (ml)	Thickness (µm)	Units/ box	Without tab Cat. No.	Without tab €/ box	With tab Cat. No.	With tab €/ box
190 x 300	1627	400	76	250	952901	N/A -	952908	N/A -
190 x 300	1627	400	76	250	952902*	N/A -	952909*	N/A -
190 x 380	2041	1000	76	250	952903	N/A -	952910	N/A -
254 x 380	2721	1500	76	250	952904	N/A -	952911	N/A -

* Side seal for easy pouring of liquid.

Filter bags





- 330 µm filter
- With marking area

Cat. No.	W x H (mm)	Total volume (ml)	Working volume (ml)	Thickness (µm)	Units/ box	€/ box
052940	95 x 180	210	80	76	250	N/A -
052944	150 x 230	720	400	102	250	N/A -
052946	190 x 300	1650	400	102	250	N/A -
052967	190 x 380	2041	400	102	250	N/A -
052968	254 x 380	2721	1500	102	100	N/A -
952912	380 x 380	4080	2500	102	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Bags for mixers



Sterile bags without filter

These sterile (by irradiation) bags are used for sample preparation, transport and storage.
Freezing is possible down to -80 °C.

Cat. No.	Volume (ml)	Dimensions (mm)	Pack unit.	Units/ box	€/ box
140800	80	100 x 150	25	1500	N/A -
140801	400	180 x 300	25	500	N/A -
140803	3500	380 x 510	25	500	N/A -

BagFilter sterile bags with side filter

These bags are equipped with a lateral filter allowing the collection of the solution to be analysed, free of fibres, either by pipetting with BagPipet and straw pipettes, or by simple pouring. These bags are recommended for the analysis of meat and sausage products.

Cat. No.	Description	Volume (ml)	Dimensions (mm)	Pack unit.	Units/ box	€/ box
140807	Filter bag BagFilter®/pouring	400	190 x 300	25	500	N/A -
140802	Filter bag BagFilter®/pipetting	400	190 x 300	25	500	N/A -
150391	Filter bag BagFilter® PCR pull-up/pipetting, small volumes	400	190 x 300	25	500	N/A -
140804	Filter bag BagFilter®/pipetting	3500	380 x 510	10	100	N/A -

BagPage sterile bags with full surface filter

These bags have a large filtration area which is particularly suitable for the preparation of thick samples, such as cheese. On the BagPage Plus model, a seam on the top of the bag makes it easy to locate the sampling compartment.

Cat. No.	Description	Volume (ml)	Dimensions (mm)	Pack unit.	Units/ box	€/ box
140810	Full filter bag BagPage surface	100	100 x 150	25	500	N/A -
140811	Full filter bag BagPage Plus surface	400	190 x 300	25	500	N/A -
140812	Full filter bag BagPage Plus surface	3500	380 x 510	10	100	N/A -

Biohazard sample bags



- Polyethylene bags
- Zip closure
- Available with Biohazard symbol and label
- Double kangaroo pouches

Cat. No.	Biohazard symbol	Dimensions L x W(mm)	Units/ box	€/ box
440264	Yes	140 x 150	1000	N/A -
440265	Yes	225 x 150	1000	N/A -
440266	No	104 x 150	1000	N/A -

Multi-purpose bundle of bags



- HDPE, transparent,
- Thickness of 10 µm
- For use from -50 °C to + 120 °C

Cat. No.	Description	€
039663B	Bundle of bags, dimensions: 230 x 310 mm (5000 units)	N/A -
039664B	Bundle of bags, dimensions: 350 x 500 mm (3000 units)	N/A -

Biohazard colour sample bags



Bags for the transport of biological samples.

- Made of polyethylene
- Zip closure
- Orange “Biohazard"
- Writing range
- Double pocket
- Dimensions: 16 x 16 cm

Cat. No.	Colours	Units/ box	€/ box
390934	Blue	1000	N/A -
390935	Red	1000	N/A -
390936	Orange	1000	N/A -
390937	Pink	1000	N/A -
390938	Violet	1000	N/A -
390607B	Yellow	1000	N/A -
390608B	Green	1000	N/A -
390854B	Transparent	1000	N/A -

ClearLine® multipurpose bags

- Made of translucent HDPE, thickness 0.45 µm
- For use up to 121 °C

Cat. No.	Dimensions (mm)	Units/ box	€/ box
076056	350 x 530	50	N/A -
076057	500 x 930	50	N/A -



Hermetic bags in SARANEX

- To be used for long term storage, for storage of pathological or valuable samples, forensic samples
- Resistant to most acids, bases and preservatives such as Bouin's liquid
- Liquid and airtight
- Does not absorb or release odours
- Do not alter the composition of the sample taken
- Shock and tear resistant, avoids the use of a double bag
- Double snap closure, easy to open and close

Cat. No.	Dimensions (mm)	Volume (ml)	€ 250 units
062300	150 x 150	540	N/A -
062301	180 x 200	1120	N/A -
062302	230 x 300	3300	N/A -
062303	300 x 300	4900	N/A -



Zipper bags for sample dish

ZIP bags with sterile identification area.

- Large opening area: 180 mm
- Size W x H = 180 x 250 mm: allows sampling of several hundred grams or even whole portions
- Easy to close with the zip
- Identification area: direct inscription with pen or felt-tip pen (no need for an additional label)
- Resistant to hot food

Cat. No.	Description	€ 1000 units
853081C	ZIP bags with sterile identification area	N/A -



Absorbent materials for tubes or sheets

- Flexible absorbents with a waterproof PE side

Cat. No.	Description	Units/ box	€/ box
800400	Absorbent material for 1 small tube	100	N/A -
800401	Absorbent material for 1 medium tube	100	N/A -
800402	Absorbent material for 2 tubes	100	N/A -
800403	Absorbent material for 3 tubes	100	N/A -
800404	Absorbent material for 4 tubes	100	N/A -
800405	Absorbent material for 6 tubes	100	N/A -
800406	Absorbent material: sheet 90 x 127 mm capacity 15 ml	1000	N/A -
800407	Absorbent material: sheet 200 x 300 mm capacity 150 ml	100	N/A -
800408	Absorbent material: sheet 200 x 300 mm capacity 600 ml	100	N/A -
800409	Absorbent material: 25 g large capacity pad	100	N/A -





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Diag P650 / UN 3373 bags


800411


800415

- **Adhesive seal bags for the transport of category B biological samples**
- **In compliance with the regulations for the transport of samples; marked P650 / UN 3373**

Single-pocket bags

Made of PE, thickness 70 µm.

Cat. No.	Dimensions (mm)	€ 100 units
800410	165 x 170	N/A -
800411	165 x 275	N/A -
800412	255 x 385	N/A -
800413	385 x 580	N/A -
800414	590 x 620	N/A -
800448	575 x 595	N/A -

IATA standard diag bags

Resistant to 95kPa, air transport compatible.
Made of PE, 160µm thick, with gusset.
With side pocket for document transport.

Cat. No.	Dimensions (mm)	€ 100 units
800449	130 x 165 + 110	N/A -
800450	190 x 235 + 130	N/A -
800451	220 x 295 + 130	N/A -

Double pocket bags

With side pocket for document transport.
Made of PE, thickness 70 µm.

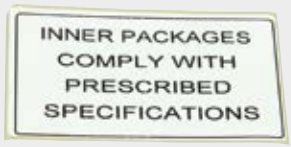
Cat. No.	Dimensions (mm)	€ 100 units
800415	165 x 265	N/A -
800416	165 x 275	N/A -

Transport standard adhesive labels



800434

800436



Cat. No.	Description	Dim. (mm)	Colours	€ 100 units
800434	Transport standard label UN 3373	99 x 110	Translucent	N/A -
800435	Standard transport label for dry ice UN 1845	100 x 150	Opaque	N/A -
800436	IATA DGR transport standard label	60 x 100	Opaque	N/A -
800437	Transport standard label THIS WAY UP	60 x 100	Opaque	N/A -

Nominative Diag bags

800417



- **Made of polyethylene**
- **Thickness: 70 µm**
- **For the storage and recording of various objects and samples**
- **Have a unique identification number on each bag**
- **Adhesive closure**

Cat. No.	Description	Dim. (mm)	€
800417	Nominal Diag bag	190 x 260	N/A -
800418	Nominal Diag bag	260 x 385	N/A -
800419	Diag bag with handle	600 x 510	N/A -
800437	Transport standard label THIS WAY UP	60 x 100	N/A -

Packaging for the transport of biological samples

- For the transport of category A or B samples
- Kits and jars in accordance with UN 2814 or UN 3373 / transport P620 or P650

800439



800447



Cat. No.	Description	Content	Units/ box	€/ box
800447	Complete kit for mailing 4 tubes P650 UN 3373	Minimailbox shipping system: secure transport for the transport of biological materials in accordance with P650 packaging regulations	100	N/A -
800438	Packaging kit P620 UN 2814 for 4 tubes	Complete kit containing a cardboard box, a synthetic shock absorber, a green 500 ml container and 4 absorbing tube/swab holders. The packaging is suitable for air transport	1	N/A -
800439	Packaging kit P650 UN 3373 for 4 tubes	Complete kit containing a cardboard box, a synthetic shock absorber, a green 500 ml container and 4 absorbing tube/swab holders. The packaging is suitable for air transport	1	N/A -
800440	Green container 500 ml with crossbars and 4 absorbing tube holders - P620-P650	Strong, waterproof PP transport container, complete with shock absorbers and 4 absorbing tube/swab holders. Contents are suitable for 4 x 10 ml tubes	1	N/A -
800441	Green container 800ml with crossbars and 4 absorbing tubes/swabs holders - P620-P650	Strong, waterproof PP transport container, complete with shock absorbers and 4 absorbing tube/swab holders. Contents are suitable for 4 swabs	1	N/A -
800442	Post Box UN 2814 for 500 ml green container - Dimensions 100 x 100 x 180 mm	Box UN 2814 suitable for 500 ml green containers	10	N/A -
800443	Post Box UN 2814 for 800 ml green container - Dimensions 100 x 100 x 220 mm	Box UN 2814 suitable for 800 ml green containers	10	N/A -
800444	Post Box UN 3373 for 500 ml green container - Dimensions 100 x 100 x 180 mm	Box UN 3373 suitable for 500 ml green containers	10	N/A -
800445	Polystyrene box UN 3373 for 35 l box	Grey polystyrene foam box, reusable, for sending biological samples in packaged transport	1	N/A -
800446	35 l mailbox for box 800446	Brown cardboard box for isothermal box 800446	20	N/A -

Transport blisters for category B biological samples

- For the protection of tubes, jars and swabs during transport
- In polypropylene, Thickness 0.8 mm

Cat. No.	Description	€
800421	Cytoblister pack for tube and swab	N/A -
800422	Transport Blister Para-sito	N/A -
800423	Transport blister faeces, 1 tube	N/A -
800424	Transport blister faeces, 2 tubes	N/A -
800425	Transport blister container 15 ml	N/A -
800426	Blood collection blister, 1 tube	N/A -
800427	Blood collection blister, 2 tubes	N/A -
800428	Blood collection blister, 3 tubes	N/A -
800429	Blood collection blister pack 6 tube	N/A -
800430	Transport blister for 1 swab	N/A -
800431	Transport blister for 2 swabs	N/A -
800432	Multi-swab and Petri dish transport blister	N/A -
800433	Multi-tube transport blister	N/A -

800429



800421

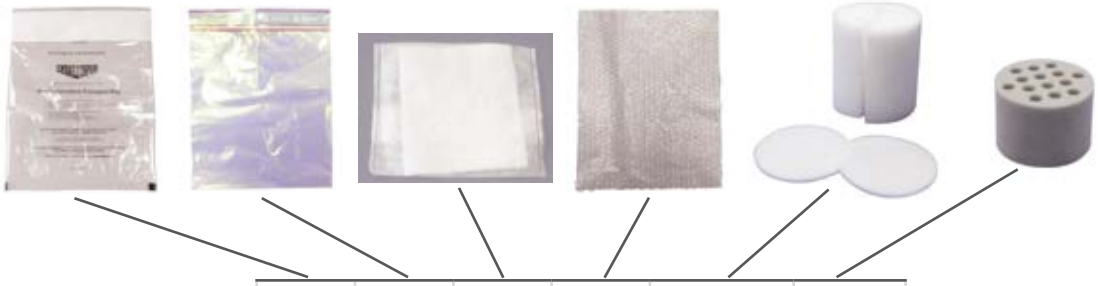


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Transport kits UN3373 and UN 2814



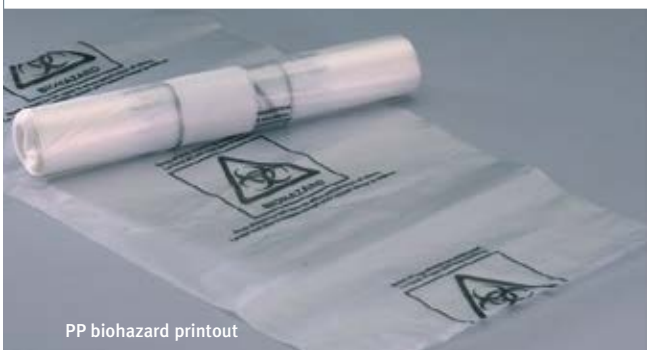
- Transport box with flap
- Standard black screen printing UN 2814 or UN 3373
- Tamper-evident container
- Customised printing on request



Cat. No.	Type	Ext. dim. L x W x H (mm)	Features of the jar and box	Bag 95KPa Type A5	Minigrip bag	Absorbent 150 ml	Bubble wrap 30 x 40 cm	Kit 3 foams: 1 cylindrical foam block for 2 tubes + 2 foam washers	14-hole foam tube holder	Conformity	€
800000	650ml standard UN 3373	100 x 100 x 200	Jar 650 ml (Ø x H: 75 x 150 mm), tamper-proof closure, aluminised heat protection box	X	X	X	X	-	-	ADR/IATA P 620 & P 650 (UN 3373 - UN 2814 -UN 2900) or the carriage of biological substances of category A & B N° UN 918 208	N/A -
800011	650ml standard UN 2814			X	X	X	X	-	-		N/A -
800012	1000 ml UN 3373	135 x 135 x 190	Screw-top jar 1000 ml, (Ø x H: 110 x 150 mm), certified IBE / BVI 95 KPa, Box with locking tabs UN 3373 + 2 arrows Delivered assembled	-	-	-	-	X	X	ADR/IATA P 620 /UN 3373 for the transport of biological substances of category B	N/A -
800008				-	-	X	X	-	-		N/A -
800006	1250 ml standard UN 2814	123 x 123 x 196	Jar with screw closure, 1250 ml (Ø x H: 100 x 160), watertight seal	X	X	X	X	-	-	ADR/IATA P 620 & P 650 (UN 3373 - UN 2814 -UN 2900) for the transport of biological substances of category A & B N° UN 991 837	N/A -
800009				-	-	-	X	-	X		N/A -
800004A				-	-	-	X	X	-		N/A -
800010	1250 ml standard UN 3373			X	X	X	X	-	-		N/A -
800013				-	-	-	X	-	X		N/A -
800007				-	-	-	X	X	-		N/A -
800005	2000 ml standard UN 3373	165 x 160 x 217	Jar Ø x H: 120 x 184, Calibration REF	X	-	x 2	X	-	-	ADR/IATA P 650 (UN 3373 - UN 2900) for the transport of biological substances in category B	N/A -

See also: cold transport kits "Cryopack modules", polair pack and Cat. No. 080394, pages 782 - 783.

Individual autoclavable bags



PP biohazard printout

Recommandation:
to withstand the autoclave, the bags should not be sealed.

Cat. No.	H x L (mm)	Volume (l)	Printed bags	Units/ box	€/ box
140230	400 x 255	3	No	500	N/A -
999740	400 x 255	3	Yes	500	N/A -
999741	500 x 300	9	Yes	500	N/A -
999742	600 x 400	14	Yes	500	N/A -
140233	780 x 400	21	No	500	N/A -
999743	780 x 400	21	Yes	500	N/A -
140234	780 x 600	33	No	500	N/A -
999744	780 x 600	33	Yes	500	N/A -



Unprinted PP

- For autoclaving petri dishes, tubes, jars or other contaminated products
- Unprinted bags: in translucent PP
- Printed bags with graphic "biohazard" symbol: in transparent PP
- Resistant to 121 °C
- Thickness: 40 µm
- Capacity: 3 to 33 litres

Red autoclave bags

- Autoclave bags with Biohazard symbol and text
- Integrated sterilisation indicator
- HDPE bags autoclavable up to 121 °C, polypropylene bags autoclavable up to 135 °C



		30 µm thick bags In HDPE		50 µm thick polypropylene bags	
L x H (cm)	Units/ box	Cat. No.	€/ box	Cat. No.	€/ box
36 x 48	200	045890	N/A -	085001	N/A -
48 x 58	200	045891	N/A -	085002	N/A -
64 x 89	200	045892	N/A -	085003	N/A -
79 x 97	200	045893	N/A -	085004	N/A -
97 x 122	100	045894	N/A -	085005	N/A -

Red autoclave bags with sterility indicator

- Made of polyethylene, red
- White sterility indicator, turning black on autoclaving
- Printing of the "Biohazard" symbol and safety text in English, French, German and Spanish
- Autoclavable at 121 °C



Cat. No.	Dimensions W x H (mm)	Volume (l)	Thickness (µm)	Units/ bag	Units/ box	€/ box
851012	210 x 290	1.5	20	100	1000	N/A -

Accessory

Cat. No.	Description	€
851013	Table stand + 100 bags	N/A -

Biohazard autoclave bags

Autoclave bags Biohazard red

- In red polypropylene
- Biohazard Symbol and text
- Sterilisation indicator
- Autoclavable at 134 °C



Cat. No.	L x W (cm)	Volume (l)	Thickness (µm)	Units/ box	€/ box
851030	40 x 78	38	50	500	N/A -
851031	60 x 80	60	50	500	N/A -

Autoclave bags Biohazard yellow

- Made of yellow polyethylene
- Biohazard Symbol and text
- Very durable with a large seam on the bottom
- Sterilisation indicator
- Autoclavable at 121 °C



Cat. No.	L x W (cm)	Volume (l)	Thickness (µm)	Units/ box	€/ box
851032	30 x 50	8	50	500	N/A -
851033	60 x 80	60	50	500	N/A -

Biohazard autoclavable bags

- Polypropylene bags
- Thickness 50 µm
- Biohazard Symbol and text
- Sterilisation indicator
- Autoclavable at 134 °C



Cat. No.	L x W (cm)	Volume (l)	Units/ box	€/ box
851026	30 x 50	8	100	N/A -
750228	30 x 50	8	500	N/A -
851027	40 x 78	38	100	N/A -
750229	40 x 78	38	500	N/A -
851028	60 x 80	60	100	N/A -
750230	60 x 80	60	500	N/A -
851029	70 x 110	110	75	N/A -
750231	70 x 110	110	350	N/A -

Autoclave bags

- Bags for high temperature autoclave
- Made of thick polypropylene
- Use up to + 139 °C



Cat. No.	Description	Dim. (mm)	Units/ box	€/ box
440259	Bags for high temperature autoclave	310 x 660	200	N/A -
440260	Bags for high temperature autoclave	415 x 660	200	N/A -
440261	Bags for high temperature autoclave	610 x 810	200	N/A -
440262	Sterilisation indicator tape	19	48	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Adhesive waste bags



- Made of polypropylene
- Autoclavable at 121 °C
- Equipped with an external adhesive strip
- Can be fixed on any support (bench, table, hood)
- Clear the work surface and accept all soiled waste (tips, tubes, rags, etc.)
- Max. load capacity: 1.3 kg
- Thickness: 25.4 µm

Cat. No.	L x W (mm)	Units/ box	€/ box
045898	203 x 254	50	N/A -
045899	305 x 406	50	N/A -

Waste bag holder



Epoxy coated steel holder for holding waste bags and autoclave bags.

Cat. No.	ø x H (cm)	For bags of (cm)	€
085938	18.5 x 52	30 x 61	N/A -
086633	37 x 60	61 x 76	N/A -
086634	37 x 75	61 x 91	N/A -

Holder for autoclavable bags



- Delivered unassembled
- Steel holder for the upper part
- Orange polypropylene tray as a reminder that the products contained in the bag are biohazardous
- The small model can be used on the bench

Cat. No.	For bags of (cm)	Dimensions (mm)	€
085942	30 x 61	185 x 356 x 470	N/A -
085943	61 x 76	356 x 356 x 546	N/A -
085944	61 x 91	356 x 356 x 696	N/A -

Economical autoclave bags



- Polypropylene autoclave waste bags
- Autoclavable at 121 °C
- Thickness: 0.03 mm
- With or without "Biohazard" printing and sterilisation indicator

	Unprinted bags without indicator			Biohazard printed bags with sterilisation indicator		
L x W (cm)	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
30 x 61	086635	100	N/A -	086638	100	N/A -
61 x 76	086636	100	N/A -	086639	100	N/A -
61 x 91	086637	100	N/A -	086640	100	N/A -

Biohazard polypropylene bags



Thick polypropylene bags for waste requiring sterilisation.

- Autoclavable steel holder (up to 121 °C) Cat. No. 320084 for bag model 320080, holds bag open
- Ideal for bench top use
- Indicator patch (black when autoclaved)

Cat. No.	Dimensions W x H (mm)	Thickness (µm)	Units/ box	€/ box
320080	203 x 305	40	500	N/A -
320081	356 x 483	40	200	N/A -
320082	483 x 584	40	200	N/A -
320083	635 x 838	40	200	N/A -

Support

Cat. No.	Description	€
320084	Steel holder	N/A -

Small bag holders for bench waste







Cat. No.	Description	Dimensions (mm)	Units/ box	€/ box
045895	Bag holder, white, Round opening	160 x 240 mm (ø x H)	1	N/A -
045895B	Bag holder, red, with rectangular opening	125 x 75 x 203	1	N/A -
045896	Transparent PP bag Autoclavable	200 x 300	100	N/A -
045897	Red-orange bag with Biohazard symbol and sterilisation indicator	220 x 280	100	N/A -

Cat. No.	Description	€
088865	Polypropylene cover for holder 045895B	N/A -

This epoxy-coated steel holder accepts 20 x 30 cm waste bags. Its small footprint makes it ideal for everyday work and the disposal of small materials: pipette tips, microtubes, on the bench or under the hood. The bags are autoclavable.

"Biohazard" printed bags with drawstring closure

- Transparent polyethylene
- Thickness: 125 µm
- Yellow and black marking with the Biohazard logo
- With double drawstring

Cat. No.	Pour boxes	L x W x H (mm)	Units/ box	€/ box
041125	53 l	490 x 270 x 400	25	N/A -



Yellow waste bag with adhesive closure

- Polyethylene waste bag
- Yellow
- Self-adhesive flap closure
- H x W: 425 x 267 mm
- Thickness: 20 µm

Cat. No.	Description	€ 200 units
074000	Yellow waste bag, adhesive closure	N/A -



Autoclave bags

Autoclave bags

Autoclave bags made of polypropylene, for temperatures up to 134 °C, and polyamide for temperatures up to 160 °C. The thickness of these bags is 50 microns.

Cat. No.	Material	L x H (mm)	Thickness (µm)	Volume (l)	Units/ box	€/ box
643201	PP	300 x 500	50	10	500	N/A -
644201	PP	400 x 780	50	30	500	N/A -
645201	PP	500 x 780	50	45	500	N/A -
646201	PP	600 x 780	50	65	500	N/A -
030119	PP	600 x 800	50	65	100	N/A -
649201	PP	700 x 1100	50	130	350	N/A -
030121	PP	700 x 1100	50	130	75	N/A -
643401	PA	300 x 500	50	10	500	N/A -
644401	PA	400 x 780	50	30	500	N/A -
646401	PA	600 x 780	50	65	300	N/A -
649401	PA	700 x 1100	50	130	200	N/A -



Stand - Height 30 cm - for bag Cat. No. 643201

Cat. No.	Description	€
851034	Support for bags 300 x 500 mm	N/A -

Economical autoclave bags

Polypropylene autoclave bags. They can be autoclaved for 30 minutes at 121 °C.
The 030118 bags are presented in a practical and clean dispenser box.

Cat. No.	Material	L x H (mm)	Thickness (µm)	Volume (l)	Units/ box	€/ box
030118*	PP	200 x 300	50	2	100	N/A -
140236	PP	305 x 660	40	15	500	N/A -
037989	PP	310 x 660	50	15	50	N/A -
140235	PP	420 x 600	40	25	500	N/A -
037487	PP	415 x 600	50	25	50	N/A -
140233	PP	400 x 780	40	21	500	N/A -
140234	PP	600 x 780	40	33	500	N/A -
037991	PP	610 x 810	50	34	50	N/A -

PP: polypropylene * In dispenser box



All prices are indicative and exclude VAT. Visit www.dulis.nl

Biohazard waste bags for biological waste



- Made of thick yellow polyethylene
- Clean and convenient (in dispenser box)
- Printed on both sides: "Danger of infection" and Biohazard pictogram

Cat. No.	L x H (mm)	Thickness	Units/ box	€/ box
		Waste bags with standard closure		
041001	255 x 355	500 gauge	50	N/A -
041024	455 x 760	500 gauge	50	N/A -
		Self-adhesive waste bags		
041006	300 x 450	250 gauge	200	N/A -

DASRI waste bags



- In yellow Flexitène® polyethylene
- With the inscription "Waste from care activities with infectious risks"
- Unsuitable for perforating waste
- Complies with NF X30-501

Cat. No.	Volume (l)	Dimensions W x H (mm)	Thickness (µm)	Units/ box	€/ box
952000	15	400 x 350	19	500	N/A -
952001	20	450 x 450	19	500	N/A -
952002	30	500 x 650	21	500	N/A -
952003	50	680 x 750	24	500	N/A -
952004	100	820 x 900	25	250	N/A -
952005	110	700 x 1050	28	250	N/A -

Printed autoclave bags



- Made of polypropylene
- Thickness: 50 µm
- Can be used up to 134 °C (3 minutes)
- "Biohazard" printing

Cat. No.	Dimensions (mm)	Units/ box	€/ box
140225	305 x 660	200	N/A -
140226	420 x 600	200	N/A -
140227	600 x 780	200	N/A -

Heavy-duty autoclavable bags



- Polypropylene, autoclavable at 121 °C for 20 minutes
- Thickness: 100 µm

Cat. No.	Sheet (mm)	Units/ box	€/ box
030116	600 x 800	125	N/A -
030129	700 x 1100	75	N/A -

Low or high density polyethylene waste bags

High density polyethylene waste bags

- High density polyethylene
- Star welds
- Suitable for all types of activities

Volume (l)	Dim. (mm)	Thickness (µm)	White	Black	Blue	Bags/ roll	€/ roll
5	335 x 350	10	852007	-	-	50	N/A -
10	400 x 450	10	852008	-	-	50	N/A -
20	450 x 500	10	852009	-	-	50	N/A -
30	500 x 650	11	-	852010	-	50	N/A -
50	680 x 750	14	-	852011	852049	50	N/A -
110	700 x 1050	18	-	852012	-	50	N/A -



Low density polyethylene waste bags - Made of low density polyethylene, in rolls. Traditional welds.

Vol. (l)	Dim. (mm)	Thickness (µm)	White	€ roll of 25 bags	Black	€ roll of 25 bags	Tansp.	€ roll of 25 bags	Yellow	€ roll of 25 bags	Red	€ roll of 25 bags	Blue	€ roll of 25 bags	Green	€ roll of 25 bags
30	500 x 650	25	852014B*	N/A -	852013*	N/A -	-	-	-	-	-	-	-	-	-	-
50	680 x 750	30	852021	N/A -	852019	N/A -	852020	N/A -	852024	N/A -	852006	N/A -	852049*	N/A -	852023B***	N/A -
100	820 x 870	35	-	-	852025	N/A -	852029	N/A -	-	-	-	-	-	-	-	-
100	820 x 870	45	-	-	852026	N/A -	-	-	-	-	-	-	-	-	-	-
100	820 x 870	55	-	-	852027	N/A -	-	-	-	-	-	-	-	-	-	-
100	820 x 870	65	-	-	852028	N/A -	-	-	-	-	-	-	-	-	-	-
110	700 x 1050	30	-	-	852030	N/A -	-	-	-	-	-	-	-	-	-	-
110	700 x 1050	35	-	-	852031	N/A -	-	-	-	-	-	-	-	-	-	-
110	700 x 1050	40	852037	N/A -	852032	N/A -	852036	N/A -	852040	N/A -	-	-	852038	N/A -	852039	N/A -
110	700 x 1050	55	-	-	852033	N/A -	-	-	-	-	-	-	-	-	-	-
110	700 x 1050	65	-	-	852034	N/A -	-	-	-	-	-	-	-	-	-	-
110	700 x 1050	75	-	-	852035**	N/A -	-	-	-	-	-	-	-	-	-	-
130	800 x 1150	35	-	-	-	-	852045	N/A -	-	-	-	-	-	-	-	-
130	800 x 1150	45	-	-	852041	N/A -	-	-	-	-	-	-	-	-	-	-
130	800 x 1150	55	-	-	852042	N/A -	852046	N/A -	-	-	-	-	-	-	-	-
130	800 x 1150	65	-	-	852043	N/A -	-	-	-	-	-	-	-	-	-	-
130	800 x 1150	75	-	-	852044	N/A -	-	-	-	-	-	-	-	-	-	-

* Sold by 50, price indicated for 50 bags ** Sold by 20, price indicated for 20 bags ***Sizes 852023B: 680 x 800 mm

Garbage bags

Polyethylene waste bags from 5 litres to 130 litres. Thickness adapted to the needs of the laboratory.

Cat. No.	Dimensions (mm)	Volume (l)	Thickness (µm)	With drawstrings	Colour	Bags/ roll	€/ roll
140905B	325 x 350	5	12	Yes	White	50	N/A -
140906B	400 x 450	10	12	Yes	White	50	N/A -
999735	500 x 650	30	30	Yes	Black	20	N/A -
140909	680 x 750	50	35	Yes	Black	25	N/A -
140909C	680 x 750	50	16	Yes	White	50	N/A -
140910	820 x 870	100	55	Yes	Black	25	N/A -
999736	700 x 1070	110	55	Yes	Black	20	N/A -
140911B	700 x 1070	110	55	Yes	White	200	N/A -
140912	820 x 1100	130	55	Yes	Black	10	N/A -



General purpose bin bags

- With plastic drawstrings
- Suitable for laboratory and general waste
- Made of polyethylene

Cat. No.	Capacity (l)	Dimensions W x H (cm)	Thickness (µm)	Colour	Units/ box	€/ box
711938	5	32 x 35	20	White	1000	N/A -
711939	10	40 x 45	20	White	1000	N/A -
711940	20	45 x 50	20	White	1000	N/A -
711941	30	50 x 70	35	Grey	500	N/A -
711942B	50	68 x 75	25	Grey	500	N/A -
711943	100	82 x 88	60	Grey	200	N/A -
711944	100	82 x 88	70	Grey	200	N/A -
711945	110	70 x 110	60	Grey	200	N/A -
711946	110	70 x 110	18	Transparent	200	N/A -
711947	110	70 x 110	70	Grey	200	N/A -
711948	110	70 x 110	80	Grey	100	N/A -
711949	130	80 x 120	70	Grey	100	N/A -
711950	130	80 x 120	80	Grey	100	N/A -
711951	130	80 x 135	80	Grey	100	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Metal drawstrings



Twist drawstrings on autoclave bags.
To be cut to the desired length.

- **Wire in a sheath of virgin vinyl**
- **457 meter roll**
- **Withstands autoclaving at 121 °C for 20-30 minutes**

Cat. No.	Description	€ the roll
085957	Metallic closing tie	N/A -

Rubber-coated silicone ties



Flexible ties for closing the bags before autoclaving.

- **With sliding ring to close the loop around the bag**
- **Loop opening up to 100 mm diameter**
- **Width 5 mm**
- **Available in three assorted colours: red, blue, yellow**

Cat. No.	Description	€ 30 units
085949	Rubber-coated silicone tie	N/A -

Clavies clip





Plastic clip to seal autoclavable bags.

- **Closes or opens with one hand**
- **Single use**
- **Size of inner loop 1.1 cm**
- **Temperature resistant up to 134 °C**

Cat. No.	Description	€ 100 units
085950	Clavies clip	N/A -

Polypropylene or polyallomer clips for bag closure

Seal your bags with a single click!
2 lengths: 30 or 60 mm.



	Polypropylene		Polyallomer	
Colour	Lenght 30 mm	Lenght 60 mm	Lenght 65 mm	Lenght 150 mm
White	046300	046307	046315	046320
Red	046301	046308	046316	-
Yellow	-	046309	046317	-
Blue	046303	046310	046318	-
Green	046304	046311	046319	-
Black	046305	046312	-	-
Natural	046306	-	046314	-
€/ 10 units	N/A -	N/A -	N/A -	N/A -

120 l bag holders



- **Made of HDPE for use from -40 to +90 °C**
- **A handle and 2 wheels for easy movement**
- **Easy bag insertion and removal**
- **Pedal to prevent contamination (depending on model)**
- **Interchangeable coloured lid (depending on model) for easy sorting; lid can be held in open position**
- **Economy version (without lid and pedal) and undermount version available**

Cat. No.	Model	Lid	Pedal	H. (cm)	€
212147	Pole bag holder without lid	Without	Yes	97	N/A -
212148	White lid for 212147	-	-	-	N/A -
212149	Blue lid for 212147	-	-	-	N/A -
212150	Red lid for 212147	-	-	-	N/A -
212151	Yellow lid for 212147	-	-	-	N/A -
212152	Green lid for 212147	-	-	-	N/A -
212153	Pole bag holder 120 l + white lid	-	Yes	97	N/A -
212154	Pole bag holder 120 l + blue lid	-	Yes	97	N/A -
212155	Pole bag holder 120 l + red lid	-	Yes	97	N/A -
212156	Pole bag holder 120 l + yellow lid	-	Yes	97	N/A -
212157	Pole bag holder 120 l + green lid	-	Yes	97	N/A -
212158	Economical 120 l holder	Without	Without	97	N/A -
212159	Pole bag holder for worktop (90 l)	Without	Without	75	N/A -

50 litre waste bin

- Made of robust polypropylene
- Tilting lid, flap holding system in open position
- Dim. (H x L x D): 68 x 40 x 33 cm



Cat. No.	Description	€
999245	50 litre bin	N/A -

100 litres pedal waste bin

- Foot pedal opening to avoid direct contact with the container
- Made of polypropylene
- Overall dimensions: 520 x 480 x 930 mm
- Equipped with 2 plastic castors
- Rounded corners for easy cleaning
- Supplied with two plastic hooks for attaching the bag (use a 100 or 130 litre bag)
- Lids in 5 different colours suitable for selective sorting



Colours	White	Blue	Green	Red	Yellow	€
Cat. No.	001302	001303	001304	001305	001306	N/A -

Fire safety bins

Volume (l)	Pearl grey	Red Black	Metal grey Black	€
15	060132	060133	060134	N/A -
30	060135	060136	060137	N/A -
50	060138	060139	060140	N/A -
80	060143	060144	060145	N/A -
110	060148	060149	060150	N/A -



Pedal bins



- Capacity: 30 l
- Dimensions: 41 x 39 x 44 cm

Colours	White	Red	Yellow	€
Cat. No.	039666	039667	039668	N/A -

Stainless steel benchtop disposal can

- Stainless steel
- Infrared detector lid opening
- Biohazard label
- ø x H: 12.7 x 19 cm



Cat. No.	Description	€
088745B	Stainless steel benchtop disposal can	N/A -

Polypropylene pedal bin

- Polypropylene bin
- Can be used from -20 °C to +90 °C
- Perfectly stable
- With white plastic inner bucket + handle

Cat. No.	Shape	Volume (l)	Dimensions W x D x H (mm)	€
212093	Square	4	245 x 195 x 225	N/A -



212093

All prices are indicative and exclude VAT. Visit www.dulis.nl

Pig HAZ-MAT Chemical Absorbent pads



- 8 layers of fine polypropylene fibres
- For the absorption of a wide range of chemicals (e.g. 98% sulphuric acid, 30% sodium hydroxide)
- Pads with honeycomb pattern: faster absoption

Pads in a bag

Cat. No.	Description	Dimensions (mm)	Absorption (l/bag)	Pads/ bag	€ the bag
333202	Heavyweight mat pads	380 x 510	41.8	50	N/A -
333203	Heavyweight mat pads	380 x 510	83.6	100	N/A -
333204	Lightweight mat pads	380 x 510	83.6	200	N/A -

Pads in a box

Cat. No.	Description	Dimensions (mm)	Absorption (l/box)	Pads/ box	Box/ cardboard box	€/ cardboard box
333206	Heavyweight mat pads in Box dispenser,	250 x 330	37.1	100	1	N/A -
333207	Heavyweight mat pads in Bench Box dispenser,	330 x 250	37.1	25	4	N/A -

Roll

Rip&fit rolls: delivered in a dispenser box.

Cat. No.	Description	Dimensions (mm x m)	Absorption (l/bag)	Rolls/ bag	€ the bag
333205	Heavyweight mat rolll	760 x 46	152.4	1	N/A -
333208	Heavyweight mat roll in Rip&fit dispenser box	380 x 18	29.7	1	N/A -

Lab Sorb

- For gelling of liquid products
- Lab Sorb granules gel aqueous compounds or solvents in minutes
- Gelled product is easily disposed of
- 450 g



Cat. No.	Description	€
053489	Lab Sorb, 450 g	N/A -

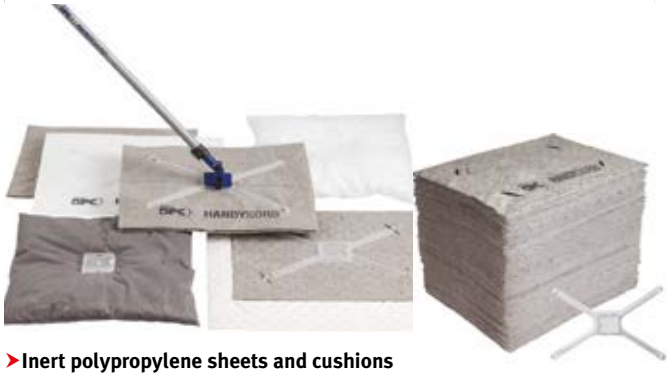
Universal absorbent for oils and chemicals



- Absorbs chemicals or oils
- Fine polymer-based granules, dust-free
- For all liquids
- Absorbs up to 75 times its own weight
- Economic
- Coloured indicator depending on the compound to be absorbed: yellow for acid-based products, red for alkaline products
- Simply sprinkle on the spilled product, collect in gel form with a shovel or spatula (not supplied)

Cat. No.	Description	€
452000	Chemsolute chemical absorbent, 1800 ml	N/A -
452001	Chemsolute chemical absorbent, 4000 ml	N/A -

HandySorb Absorbents



- Inert polypropylene sheets and cushions
- Each leaf absorbs up to 25 times its weight
- Do not react with any spilled substances
- NoTouch system: no user contact with the spilled liquid
- User range: up to 1.83m for more effective use in hard-to-reach areas

Cat. No.	Description	Units/ box	€/ box
834423	HandySorb System Starter Kit with absorbent pads	1	N/A -
834420	Pads refills with adapter for HandySorb system	100	N/A -
834421	NoTouch universal pads for HandySorb system	25	N/A -
834422	NoTouch universal cushions for HandySorb system	10	N/A -

Beta-safe paper



- Activated carbon paper to absorb volatile radioisotopes (^{35}S)
- Prevents contamination of laboratories

Cat. No.	Description	Units/ box	€/ box
034918	Beta-Safe sheets 20.5 x 25.4 cm	50	N/A -

Chemical spill response kits

➤ **Emergency response kits, in case of a chemical spill**



Wide range of chemical resistance:
see the resistance guide at www.dulis.nl



See our radioactivity protection containers on page 1266 see Cat. No. 028033 and related



333218

Soft bags

Cat. No.	Type of container	Kit Contents	Absorption capacity	€ the kit
333210	High visibility bag with cord closure, for carrying and hanging	2 temporary disposal bags, 2 ties, 20 heavy weight sheets, 1 pad	10.4 l	**N/A -**
333224	High visibility yellow bag with handles and flap closure	5 temporary disposal bags + ties, 28 heavy-weight sheets, 4 absorbent pads	34.7 l	**N/A -**
333217	Kit with high visibility vinyl bag with velcro fasteners specific to forklift trucks, for interventions at height; "box" lid for quick access	1 roll ø 8 cm x W 117 cm, 20 triple thickness absorbent sheets 25 x 33 cm, 2 disposable bags and ties 46 x 76 cm, 1 pig® plug-n-seal® patching paste 454 g, 1 chemical spill kit compatibility guide, 1 spill kit trolley	10.4 l	**N/A -**
333231	Compact transparent bag with handle	1 compact pig® spill kit, 6 absorbent mat pads, 2 pads, 2 temporary disposal bags, 2 ties	6.7 l	**N/A -**
333211	Clip-on bag easy to close, hang and carry for emergency response	12 sheets, 1 pad, 1 collection bag	13 l	**N/A -**
333220	Clip-on bag easy to close, hang and carry for emergency response	25 sheets, 2 pads, 2 recovery bags	26.9 l	**N/A -**
333221	Transparent bag with zip closure	3 pads for chemicals 8 x 117 cm, 12 sheets for chemicals 38 x 51 cm, 2 collection bags with ties 76 x 46 cm	18.5 l	**N/A -**
333218	Kit Clear Cube: durable, transparent cubic bag, easy opening, shoulder strap for carrying/hanging	2 pads ø 8 cm x W 3 m, 3 pads W ø 8 x 117 cm, 6 cushions 20 x 20 cm, 30 triple thickness absorbent sheets 38 x 51 cm, 5 disposable bags and ties 46 x 76 cm, 1 spill kit trolley, 1 chemical spill kit compatibility guide	54.4 l	**N/A -**
333219	-	Refill for 333218	54.4 l	**N/A -**

Intervention buckets and drums

Cat. No.	Type of container	Kit Contents	Volume containing	Absorption capacity	€ the kit
333214	UN approved light-weight container (UN1H2/Y30/S)	4 absorbent mat pads, 2 absorbent pads, 6 tamper evident labels	24.6 l	17 l	**N/A -**
333227	360 l UV-resistant drum (outdoor storage), classified UN1H2/X295/S for packing groups I, II and III	Medium density PE container, mats, dikes, pads and cushions in polypropylene	360 l	237 l	**N/A -**
333228	-	Refill for 333227	-	237 l	**N/A -**
333229	Container 76 l UV-resistant, waterproof and chemical-resistant, classified as UN1H2/ X75/S, UN1H2/Y100/S for packing groups I, II and III	Overpack Ø 58.5 x 48 cm, 5 temporary disposal bags with ties, 6 heavy-weight sheets, 5 large cushions, 6 absorbent pads	76 l	40.9 l	**N/A -**
333230	-	Refill for 333229	-	40.9 l	**N/A -**



333214

Trolleys

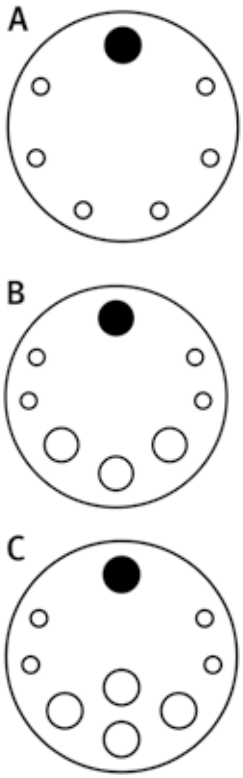
Cat. No.	Type of container	Kit Contents	Absorption capacity	€ / kit
333232	High visibility PE trolley with full height double doors, adjustable shelves and 20 cm castors	5 temporary bags + ties, 1 roll of absorbent sheets, 4 cushions, 5 pads	47.4 l	**N/A -**
333233	-	Refill for 333232	47.4 l	**N/A -**
333225	High visibility bag with box closure, mounted on an easy to manoeuvre trolley	30 sheets - heavy-weight, 12 Haz-Mat pads, 6 absorbent pads 117 cm, 5 temporary disposal bags, 5 ties, 1 chemical compatibility guide & manual	52.8 l	**N/A -**
333226	-	Refill for 333225	52.8 l	**N/A -**
333215	Large high visibility trolley with doors and lid, 20 cm wheels	1 roll of mat pad 51 cm x 41 m, 50 mat sheets 38 x 51 cm, 2 pads 8 cm x 3 m, 6 pads 8 x 117 cm, 8 cushions 20 x 20 cm, 40 wipes 31 x 33 cm, 10 waste bags with ties 91 x 152 cm, 1 spill kit trolley, 1 chemical spill kit compatibility guide, 1 large spill trolley 75 x 76 x 128 cm	173.2 l	**N/A -**
333216	-	Refill for 333215	173.2 l	**N/A -**



333225

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EZwaste exhaust air filters





- **EZwaste activated carbon filter**
- **Retains chemical vapours**
- **Easy disposal mechanism for solvent waste**

Each kit contains:
- an HDPE container;
- an 83 mm cap open at the top;
- an 83 mm closed cap;
- an EZwaste filter;
- an elbow fitting for EZwaste filter;
- unused port caps.

Replacement EZwaste filter

Cat. No.	Units/ box	€/ box
311159	1	N/A -
311160	2	N/A -
311161	5	N/A -

EZwaste Kit

Configuration	Cat. No.	Volume (l)	Port 1/4"	Port 1/8"	€
A	311164	Single cap	0	6	N/A -
	311165	4	0	6	N/A -
	311166	5	0	6	N/A -
	311167	10	0	6	N/A -
	311168	20	0	6	N/A -
B	311169	Single cap	3	4	N/A -
	311170	4	3	4	N/A -
	311171	5	3	4	N/A -
	311172	10	3	4	N/A -
	311173	20	3	4	N/A -
C	311174	Single cap	4	4	N/A -
	311175	4	4	4	N/A -
	311176	5	4	4	N/A -
	311177	10	4	4	N/A -
	311178	20	4	4	N/A -

Ezwaste safety funnels



- **HDPE funnel and lid**
- **Seal on the lid**
- **Filter to retain magnetic bars**
- **Stem that reduces the emission of volatile organic compounds**
- **Stem length: 279.4 mm**

Cat. No.	Volume (ml)	Neck (mm)	Dimensions L x D (mm)	€
311179	450	38-430	177.8 x 127	N/A -
311180	450	53	177.8 x 127	N/A -
311181	450	70	177.8 x 127	N/A -
311182	450	83	177.8 x 127	N/A -
311183	2000	38-430	279.4 x 228.6	N/A -
311184	2000	53	279.4 x 228.6	N/A -
311185	2000	70	279.4 x 228.6	N/A -
311186	2000	83B	279.4 x 228.6	N/A -

Safety funnels



- **HDPE funnel and lid**
- **PP cap**
- **Vent with PTFE membrane**
- **Patented models**
- **Mount on a bottle for solvent recovery**
- **The lid prevents evaporation of organic waste**

Cat. No.	Neck (mm)	€
029385	38 - 430	N/A -
029386	83B	N/A -

Drainage filter for SafetyWastecaps

- Absorption of solvent vapours
- Display of filter saturation on the cap
- Splash guard

Cat. No.	Size	Volume of chemical recovery canister max	Lifespan	Units/ box	€/ box
096864	M	20 litres	6 months	2	N/A -



Caps

		Connectors			
Cat. No.	Thread	Capillaries (out. ø 2.3 to 3.2 mm)	Tubes (6.4 to 9 mm)	Evacuation filter	€
096865	GL 45	2	1	1	N/A -
959158	S50	3	-	1	N/A -
959045	S51	3	-	1	N/A -
959159	B53	4	1	1	N/A -
948553	S55	2	1	1	N/A -
959160B	S60/61	3	-	1	N/A -
959161	B63	2	1	1	N/A -

Safety bottles with funnel

- 4 litre HDPE or 10 litre fluorinated HDPE bottle
- For temporary storage of liquid waste
- The funnel is screwed onto the bottle
- With vent
- A polypropylene filter retains large particles and/or magnetic bars



Cat. No.	With bottle (litre)	€
029387	4	N/A -
029388	10	N/A -

Safety funnel

- In stainless steel
- Anti-flame
- Threaded connection
- Diameter 120 mm
- Total height 285 mm
- Funnel height: 125 mm
- Drain hose Ø 3.5 cm
- With overflow protection



Cat. No.	Description	€
795865	Stainless steel safety funnel	N/A -

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SCAT safety funnels



- With ball valve or lid
- Supplied with sieve and anti-splash funnel
- With or without lance
- Conductive (grounded) or not
- Funnel diameter 180 mm
- Anti-splash funnel diameter: 200 mm

	With ball valve			
	Conductive with lance		Non-conductive with lance	
Thread	Cat. No.	€	Cat. No.	€
S50	959123	N/A -	959130	N/A -
S51	959124	N/A -	-	-
S55	959125	N/A -	-	-
S60/61	799635	N/A -	799633	N/A -
S65	959126	N/A -	-	-
S90	959128	N/A -	959132	N/A -

	Closing lid							
	Conductive with lance		Non-conductive with lance		Conductive without lance		Non-conductive without lance	
Thread	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
GL45	-	-	959142	N/A -	959148	N/A -	-	-
S50	959138	N/A -	959143	N/A -	-	-	959153	N/A -
S51	-	-	959144	N/A -	-	-	958760	N/A -
S55	959140	N/A -	959145	N/A -	959149	N/A -	959154	N/A -
S60/61	799634	N/A -	959146	N/A -	959150	N/A -	958761	N/A -
S65	959141	N/A -	959147	N/A -	959151	N/A -	959155	N/A -



Accessories

	With ball valve			
	Conductive funnel	€	Non-conductive funnel	€
Sieves	959134	N/A -	959135	N/A -
Splash guard	959136	N/A -	959137	N/A -

	Closing lid			
	Conductive funnel	€	Non-conductive funnel	€
Sieves	959134	N/A -	959135	N/A -

Packs

Includes conductive canister with level control, safety funnel.

Cat. No.	Canister volume	Funnel	Retention bins	€
959119	10 litres*	with lid	Yes	N/A -
959120	10 litres	With ball valve	No	N/A -
959121	20 litres	With ball valve	No	N/A -

*Without level control.

SHARPSAFE Waste boxes

Maximum protection for the storage of contaminated objects such as syringes and needles.

- **Adequately sized and sized to allow one-way evacuation of used materials, including secured materials**
- **Incinerability without fumes**
- **Tamper-proof, hermetically sealed closure system to prevent leakage or spillage of the contents during disposal**
- **Residual liquid tightness, puncture resistance**
- **Compliant with NF302, NFX 30-500 and ADR**

Cat. No.	Volume	H x L x W (mm)	Brand NF302	Standard NFX30-500	Units/ box	€/ box
140383	300 ml	130 x 105 x 50	Yes	Yes	100	**N/A -**
140410	450 ml	170 x 105 x 50	Yes	Yes	100	**N/A -**
140282	600 ml	224 x 108 x 52	Yes	Yes	100	**N/A -**
140283	1 litre	187 x 108 x 90	Yes	Yes	100	**N/A -**
140411	3 litres	203 x 197 x 126	Yes	Yes	50	**N/A -**
140284	2 litres	177 x 197 x 126	Yes	Yes	50	**N/A -**
140285	4 litres	245 x 175 x 175	Yes	Yes	50	**N/A -**
140286	7 litres	380 x 175 x 175	Yes	Yes	50	**N/A -**
140287	7.5 litres	610 x 150 x 100	No	No	20	**N/A -**
140422	9 litres	291 x 292 x 195	Yes	Yes	20	**N/A -**
140289	13 litres	353 x 292 x 195	Yes	Yes	20	**N/A -**



Stands

Cat. No.	Type	For SharpSafe	€
140384	Oblique for laminar flow hood	4 l - 7 l	**N/A -**

Accessories

Cat. No.	Description	€
140409	Tray for Sharpsafe 1 l, 2 l, and 3 l (10 units)	**N/A -**

Approved waste containers

- **Puncture resistant**
- **Indication of the maximum filling level**
- **Lids with temporary and permanent closure**
- **Notches for the release of all types of needles**
- **Autoclavable, incinerable without fumes**
- **Compliant with NF302, NF X30-511 and ADR standards**

Volume (l)	Dim. (W x L x H) (mm)	Photo	Cat. No.	Units/ box	€/ box	Cat. No.	Units/ box	€/ box
Pocket waste boxes								
0.4	123 x 62 x 165	A	**168000A**	10	**N/A -**	**168000**	70	**N/A -**
Square waste boxes								
2	151 x 151 x 200	B	**-**	-	**-**	**168001B**	62	**N/A -**
3	151 x 151 x 238	B	**-**	-	**-**	**168002B**	60	**N/A -**
4	167 x 167 x 248	B	**-**	-	**-**	**168003B**	52	**N/A -**
5	215 x 215 x 185	B	**-**	-	**-**	**168004B**	30	**N/A -**
5 (high form)	167 x 167 x 300	B	**-**	-	**-**	**168005B**	40	**N/A -**
6 (high form)	167 x 167 x 388	B	**-**	-	**-**	**168006B**	36	**N/A -**
Cylindrical waste boxes								
0.6	ø 100 x 145	C	**-**	-	**-**	**168007**	100	**N/A -**
0.8	ø 100 x 184	C	**168008A**	10	**N/A -**	**168008**	100	**N/A -**
1.5	ø 140 x 165	C	**168009A**	10	**N/A -**	**168009**	100	**N/A -**
2	ø 140 x 210	C	**168010A**	5	**N/A -**	**168010**	75	**N/A -**
5	ø 213 x 195	C	**168011A**	5	**N/A -**	**168011**	55	**N/A -**
7	ø 248 x 195	C	**168012A**	10	**N/A -**	**168012**	40	**N/A -**
Waste boxes for trolleys								
3	155 x 155 x 220	D	**168013A**	10	**N/A -**	**168013**	40	**N/A -**
5	220 x 220 x 210	D	**168014A**	10	**N/A -**	**168014**	40	**N/A -**
10	220 x 220 x 350	D	**168015A**	10	**N/A -**	**168015**	30	**N/A -**


A


C


D


B

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Destruction containers



Polypropylene destruction containers allow the collection of soiled products such as syringes, needles or Pasteur pipettes. The bottles are equipped with an attached cap that can be closed irreversibly when the bottle is full. Complies with NF X 30- 511.

Cat. No.	Volume (l)	Dimensions (mm)	Units/ box	€/ box
999753A	0.6	130 x 114 x 72	1	N/A -
999754A	0.8	170 x 114 x 72	1	N/A -
999751A	1.1	230 x 114 x 72	1	N/A -
999752A	1.8	140 x 195 x 135	1	N/A -
999750A	7	390 x 195 x 135	1	N/A -

30 l, 50 l and 60 l waste containers



- Drums and lids to be ordered separately, in polypropylene
- Volumes available: 30, 50 and 60 litres
- Different colours according to model
- Yellow containers delivered with label
- 2 lid versions: with handle or with lid
- Ergonomic side handles
- Container complies with ISO 23907 perforation and tightness standards and NFX 30-505 and NFX 30-511 standards

Volume (l)	30	50	60
Dimensions L x D x H (mm)	404 x 334 x 315	404 x 334 x 517	404 x 334 x 646
Weight (kg)	0.72	1.125	1.325
Container yellow without lid	671135	671138	671139
Black container without lid	671136	-	671140
Blue container without lid	671137	-	-
€	N/A -	N/A -	N/A -
Standard handle lid	671141	671141	671141
€	N/A -	N/A -	N/A -
Porthole lid	671142	671142	671142
€	N/A -	N/A -	N/A -

Accessories

Cat. No.	Description	€
671143	Pedal trolley for 2-wheel containers	N/A -
671144	Pedal trolley for 4-wheel containers	N/A -

Biohazard waste containers



- Autoclavable with its waste
- Uses a standard autoclavable bag
- Hinged lid opens with one hand
- Universal Biohazard symbol in red
- Made of polypropylene
- Tightly sealed bottom

Cat. No.	Volume (l)	Ø x H (mm)	€
029358	5.5	210 x 270	N/A -
029359	19	280 x 380	N/A -

Waste boxes for pipettes



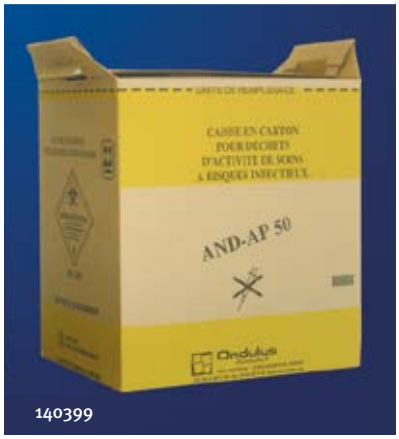
- Longer format, especially for contaminated pipettes, but also for needles and syringes
- With anti-recovery valve
- Lockable when full
- L x W x H: 450 x 150 x 160 mm
- Usable capacity: 5 litres

Cat. No.	Description	Units/ box	€/ box
030535	Waste box for pipettes*	16	N/A -

* Deliverable per unit - Pro rata price

Cardboard waste boxes

- Temporary closure with hinged lid, permanent closure with double flap
- Cardboard container with LDPE bag glued inside for better moisture resistance
- Bag closure ties for better waterproofing
- Reinforced handles
- Maximum load: 8 kg for the 25 l model, 13 kg for the 50 l model
- Economical and environmentally friendly
- In accordance with the Order of 24 Nov. 2003, approved for the transport of dangerous goods by road (ADR)



Volume	12 l	25 l	50 l standard shape	50 l low shape
L x W x H (mm)	200 x 200 x 385	265 x 265 x 378	295 x 295 x 580	398 x 293 x 430
Cardboard box thickness (mm)	2.7	4	2.9	2.7
Type of bag LDPE	LDPE 60 µm	LDPE 90 µm	LDPE 60 µm	LDPE 70 µm
Max. load (kg)	4	8	13	13
Cat. No.	**140431**	**140292**	**140432**	**140399**
€/ 10 units	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Disposable cardboard and LDPE bins for glass collection

- Rigid self-assembly boxes for the safe disposal of glass shards in the laboratory.
- The glass is safely stored in a strong, waterproof and puncture resistant LDPE bag
- Lid with integrated flap for easy filling, equipped with a sealing device, for use when full
- Instructions for use printed on the boxes



Cat. No.	Description	Dimensions W x D x H (cm)	Units/ box	€/ box
232573	60 l disposable floor bin	30 x 30 x 70	6	**N/A -**
232574	10 l disposable benchtop waste bin	23 x 23 x 26.5	6	**N/A -**

Carboard Boxes for infectious waste

- For soft DASRI
- Self-opening bottom
- Lined internally with a 55 µm thick yellow PE bag
- Two carrying handles
- Reinforced corners for extra strength
- Intuitive locking system
- Stackable
- Approval according to NFX 30-507: 2018 and UN 4G/Y15/S/20



Cat. No.	Volume (l)	L x W x H (mm)	Max. weight (kg)	€ 10 units
132111	25 (bottom)	236 x 316 x 375	7	**N/A -**
132112	50 (top)	290 x 290 x 650	13.5	**N/A -**

Cardboard bins for glass recovery

- Supplied with 50 µm polyethylene bag
- When the box is full, lift the flap opening to the closed position
- 4 language markings (English, German, French, Spanish)
- Delivered flat packed, quick assembly
- Available in 2 sizes



Cat. No.	Dimensions W x D x H (cm)	Units/ box	€/ box
948243	30 x 30 x 69	6	**N/A -**
948244	20 x 20 x 25	6	**N/A -**

Cardboard waste boxes for incineration

- For biological waste for incineration
- When the box is full, pull the flap to the closed position
- Supplied with Biohazard 38 µm polyethylene bag
- 4 language markings (English, German, French, Spanish)
- Delivered flat packed, quick assembly
- Available in 2 sizes



Cat. No.	Dimensions W x D x H (cm)	Units/ box	€/ box
948076	30.5 x 30.5 x 68.5	6	**N/A -**
948077	19.6 x 19.6 x 25.4	6	**N/A -**

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Aluminium in Roll







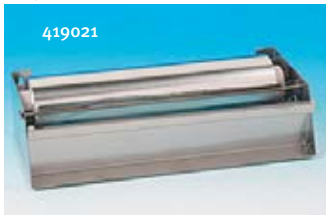
Aluminium in roll - In a cardboard dispenser box.

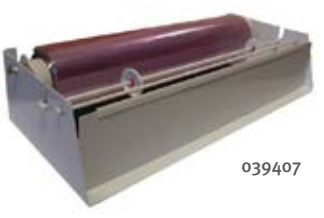
Cat. No.	Thickness (µm)	Width (mm)	Length (m)	€ the roll
039448	11	330	50	N/A -
039400	10	326	200	N/A -
039401B	10	440	200	N/A -
039402	14	326	200	N/A -
419005	15	300	150	N/A -
419006	15	450	150	N/A -
419007	30	300	100	N/A -
419008	30	450	100	N/A -
419009	30	500	100	N/A -
419010	30	600	100	N/A -

Roll only (refill)

Cat. No.	Thickness (µm)	Width (mm)	Length (m)	Units/ box	€/ box
039447	10	326	200	3	N/A -
039586	10	440	200	3	N/A -
039446	11	200	200	3	N/A -
419011	15	300	150	4	N/A -
419012	15	450	150	4	N/A -
039602	20	300	150	4	N/A -
039601	30	300	100	4	N/A -
039603	30	600	100	4	N/A -
419013	30	300	100	4	N/A -
419014	30	450	100	4	N/A -
419015	30	500	100	4	N/A -
419016	30	600	100	4	N/A -

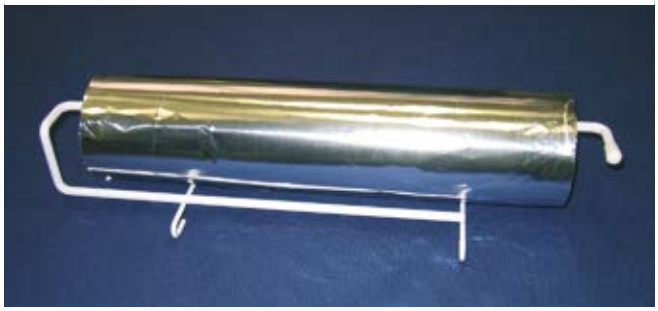
Dispensers for refill rolls (except Cat. No. 039603)





Cat. No.	Description	€
039406	Double wall-mounted dispenser	N/A -
039407	Horizontal dispenser for rolls width 450 mm	N/A -
419021	Metal dispenser for 300 mm wide rolls	N/A -
419022	Metal dispenser for 450 mm wide rolls	N/A -
419024	Metal dispenser for 600 mm wide rolls	N/A -

Reel for aluminium roll



- Made of 3.4 mm white epoxy wire
- Only for 70 m aluminium roll
- Reel length: 347 mm

Cat. No.	Description	€
070103B	Unwinder for aluminium foil	N/A -

Aluminium paper square sheet



- In square format ready to use
- Sheets separated by tissue paper
- Uniform Thickness of 30 µm

Cat. No.	Dimensions (mm)	Units/ box	€/ box
075700	80 x 80	1000	N/A -
075701	100 x 100	1000	N/A -
075702	140 x 140	1000	N/A -
075703	150 x 150	1000	N/A -

Mini aluminium rolls



- Small width aluminium rolls
- Ideal for covering bottles, erlens, etc.
- Fits into an ABS dispenser

Cat. No.	Description	€
320047	102 mm aluminium foil roll	N/A -
320048	153 mm aluminium foil roll	N/A -

Pre-cut aluminium foil

- Pre-cut into rounds
- For covering containers for autoclaving, incubation or storage

Cat. No.	For neck diam. (mm)	Collar height (mm)	Total unfolded diameter (mm)	Units/ box	€/ box
045461	38	25	88	252	N/A -
045462	50	32	114	256	N/A -
045463	50	45	140	252	N/A -



Aluminium containers


075704


075712

075718


075719


Rectangular trays

Cat. No.	Capacity (ml)	L x W x H (mm)	Units/ box	€/ box
075704	160	100 x 64 x 38	100	N/A -
075705	330	121 x 83 x 47	100	N/A -
075707	340	160 x 110 x 26	100	N/A -
075708	550	200 x 103 x 39	100	N/A -
075710	930	228 x 176 x 28	100	N/A -
075711	2170	316 x 215 x 43	100	N/A -

Round caps

Cat. No.	Capacity (ml)	Ø x H (mm)	Units/ box	€/ box
075712	28	64 x 13	100	N/A -
075713	115	80 x 34	100	N/A -
075714	110	99 x 25	100	N/A -
075715	110	96 x 24	100	N/A -
075716	205	127 x 26	100	N/A -
075717	280	114 x 50	100	N/A -

Dish

Cat. No.	Capacity (ml)	Ø x H (mm)	Units/ box	€/ box
075718	390	217 x 15	100	N/A -

Weighing bucket

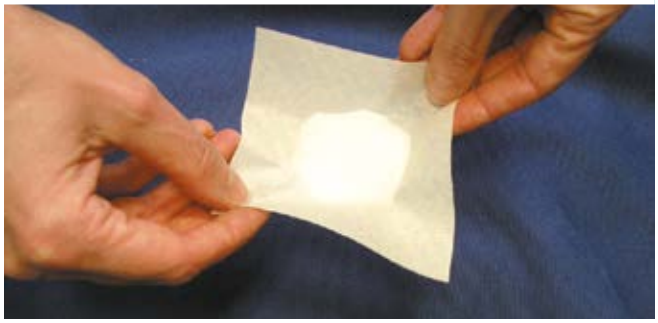
Cat. No.	Ø x H (mm)	Units/ box	€/ box
075719	100 x 7	80	N/A -

Weighing paper 100 x 100 mm

Cat. No.	Description	€
074041	Weighing paper - 1000 sheets	N/A -



See our other weighing boats pages 900 to 903



ClearLine® Top Cut Parafilm dispenser

Easy to use, to be placed directly on the Parafilm can.

- In ABS
- Easy to clean
- For 1 roll 10 cm or 2 rolls 5 cm
- Slider cutter for safe cutting
- Dimensions W x D x H: 123 x 172 x 99 mm

Cat. No.	Description	€
257014	ClearLine® Top Cut Parafilm dispenser	N/A -



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Parafilm stretch film





006787

Stretch film especially for sealing laboratory containers.

- **Thickness: 200 µm**
- **Liquid-tight, gas-permeable**
- **Operating temperature: -10 °C to +60 °C**
- **Supplied on a roll in a cardboard dispenser**

Width (cm)	5	10	10	50
Length (m)	75	38	75	15
Cat. No.	**090261**	**090260**	**090998**	**090999**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Acrylic dispenser for Parafilm with cutter

Acrylic dispenser for one Parafilm roll.

- **Replaceable cutting blade**
- **Hinged lid**
- **For 1 roll 10 cm or 2 rolls 5 cm**

Colours	Description	€
006787	Acrylic dispenser for Parafilm with cutter	**N/A -**

Dispenser for Parafilm with cutter

Dispenser with slider cutter and rotary film feed button.

- **Clean, neat, practical**
- **For 5 and 10 cm wide rolls**

Cat. No.	Description	€
090997	Cutter dispenser for Parafilm	**N/A -**



Parafilm Dispenser



For the distribution of 50 or 100 mm wide rolls.

Cat. No.	Description	€
037770	Blue dispenser	**N/A -**
320049	Green dispenser	**N/A -**
320050	Red dispenser	**N/A -**
037771	Replacement cutting blades (5 units)	**N/A -**

Saran Waterproof film



Waterproof film for quick closure of containers.

- **No folds, no glue**
- **On a roll**
- **Protects the user from toxic products, contaminants**
- **Thickness: 10 µm**

Cat. No.	Description	L x W (m)	€ the roll
090264	Saran standard thickness 10 µm	300 x 0.29	**N/A -**

Filmpro Stretch film



Stretch film for instant closure of all containers.

- **Economical, in rolls**
- **Thickness 10 µm**

	Without ruler		With ruler	
L x W (m)	Cat. No.	€ the roll	Cat. No.	€ the roll
300 x 0.3	**039408**	**N/A -**	**039458**	**N/A -**
300 x 0.45	**039409**	**N/A -**	**039459**	**N/A -**

Sealing tape for bottles



Stretch tape for reinforced sealing of laboratory bottles.

- **Waterproof**
- **Good chemical and temperature resistance**
- **In rolls of 35 m**
- **Width: 19 mm**

Colours	White	Yellow	Red	€ the roll
Cat. No.	**053083**	**053081**	**053082**	**N/A -**

Petri dish closure tape



Stretchable adhesive tape for sealing and closing Petri dishes and microplates.

- **Limits the risk of evaporation**
- **Reduces gas exchange and the risk of contamination**
- **Width: 12.7 mm, lenght: 35 m**
- **Good solvent resistance, waterproof**
- **Operating temperatures: de -30 °C to +70 °C**

Colours	Transparent	White		Yellow	Blue	€ the roll
Cat. No.	**053001**	**053002**	**053003**	**053004**	**053005**	**N/A -**

WYPALL* L wipers

Single-use wipers made of cotton wool for light or heavy wiping of non-aggressive products such as water or oils/greases, or certain disinfectants.

3 ranges of wipers:

- **ESSENTIAL range in traditional wadding, for light and general wiping (L10: single layer, L20: double layer)**
- **EXTRA range: 1 or 2 layers for light and general wiping. AIRFLEX wipers are more resistant and absorbent than traditional wadding**
- **ULTRA range: L30 wipers, 3 layers in AIRFLEX materials for top wiping of the range**
- **The L40 range is double re-creped for a delicate and highly absorbent wipe (contains latex)**

Centrefeed reels

Cat. No.	Wypall L	Range	Colours	Sheet (cm)	Sheets/ roll	Reels/ box	Compatible dispensers	Food contact	€/ box
041485	L10	-	White	19.5 x 38	800	6	E	x	N/A -
041491	L20	-	White	19.5 x 38	400	1	E	x	N/A -
002933B	L20	Extra +	Blue	18.5 x 42.5	300	6	E	-	N/A -
002986B	L20	Extra +	White	18.5 x 42.5	300	6	E	-	N/A -
040387B	L10**	Extra	White	18.5 x 38	630	6	D	x	N/A -
040433	L10**	Extra	Dark blue	18.5 x 38	630	6	D	x	N/A -
002961B	L10**	Extra	White	18.5 x 38	525	6	D	x	N/A -
002962B	L10**	Extra	Dark blue	18.5 x 38	525	6	D	x	N/A -
002935B	L10**	Extra +	White	18.5 x 38	400	6	D	x	N/A -
002960B	L10**	Extra +	Dark blue	18.5 x 38	400	6	D	x	N/A -
041490	L10	-	Blue	19.5 x 38	800	1	E	x	N/A -
041484*	L20	Essential	Blue	19.5 x 38	400	6	E	x	N/A -

* mini reel ** Roll control: One-at-a-time dispensing





002956B



002908

Centrefeed dispensers

Cat. No.	Model	Description	€
002908	D	White wall dispenser Roll control	N/A -
002956B	E	Cylindrical wall dispenser, white plastic	N/A -
002958	F	Rectangular wall dispenser, smoked plastic	N/A -

Reels with conventional unwinding (lateral)

Cat. No.	Wypall L	Range	Colours	Sheet (cm)	Sheets/ roll	Reels/ box	Compatible dispensers	Food contact	€/ box
002944	L10	Extra	White	23.5 x 38	1500	1	A/B/C	x	N/A -
002945	L10	Extra	Blue	23.5 x 38	1500	1	A/B/C	x	N/A -
041421	L10	Extra +	Blue	23.5 x 38	1000	1	A/B/C	x	N/A -
041422	L10	Extra +	White	23.5 x 38	1000	1	A/B/C	x	N/A -
002943	L10	Extra +	Blue	33 x 38	1000	1	A/B/C	x	N/A -
041487*	L10	-	White	24 x 46	165	24	-	x	N/A -
002942B	L20	Extra +	Blue	32.5 x 38.5	500	1	A/B/C	-	N/A -
002941	L20	Extra +	Blue	23.5 x 38	500	1	A/B/C	-	N/A -
002939	L30	Ultra+	Blue	23.5 x 38	750	1	A/B/C	x	N/A -
002940B	L30	Ultra+	Blue	37 x 38	670	1	A/B/C	x	N/A -
002938	L40	-	White	31.5 x 34	750	1	A/B/C	x	N/A -

* mini reel



002946

Dispensers with conventional unwinding (lateral)

Cat. No.	Model	Description	€
002946	A	Blue mobile dispenser with wheel and waste bag holder, all reel widths	N/A -
002947	B	Dispenser on stand, blue metal, for reels of 44 cm width and diam. 70 cm	N/A -
002948	C	Wall and stand dispenser, blue metal, for reels 44 cm width and diam. 47 cm	N/A -



002947

Dispenser boxes and pouches

Cat. No.	Wypall L	Range	Colours	Sheet (cm)	Sheets/ Unit	Units/ box	€/ box
002965B	L20	Extra	Blue	33 x 42	280/dispenser box	1	N/A -
002964	L40	-	White	30.5 x 31.8	56/pocket	18	N/A -
002904	L40	-	White	41.5 x 25	90/dispenser box	9	N/A -



002948

All prices are indicative and exclude VAT. Visit www.dulis.nl

WYPALL* X cloths made of HYDROKNIT* material







Dispenser box

Pop-up dispenser box



002310



Pouch

Reel



002979

Dispensers for WYPALL* X wipes: page 1221

- Economic wiping
- Excellent absorption capacity
- In high-strength HYDROKNIT®

WYPALL* X50 wipes

- Made of 100% virgin fibres
- Ideal for complex wiping tasks and lighter applications

Cat. No.	Colours	Sheet (cm)	Presentation	Sheets/ box	€/ box
040374	White	24.9 x 34	Pre-cut reel	1100	N/A -

WYPALL* X60 wipes

Versatile and durable wipers for economical wiping

- High absorption capacity
- For wiping corners or difficult surfaces
- Suitable for use with water and solvents.

Cat. No.	Colours	Sheet (cm)	Presentation	Sheets/ box	Reel or box/ carboard box	€/ box
002978	Blue	31 x 42	Dispenser box	200	1	N/A -
002979	Blue	31 x 38	Pre-cut reel	500	1	N/A -
002310	Blue	36.5 x 31.5	Pouch	60	12	N/A -
002981	White	23 x 42.5	Pop-up dispenser box	126	10	N/A -
002982	White	31 x 42	Dispenser box	200	1	N/A -

WYPALL* X70 wipes

- Highly absorbent
- For fast and efficient wiping of oil, grease, dirt and solvents
- Ideal for maintenance, easy to use and economical: just wring them out and reuse them

Cat. No.	Colours	Sheet (cm)	Presentation	Sheets/ box	Reel or box/ carboard box	€/ box
002973	White	37.5 x 42	Dispenser box	300	1	N/A -
002302	White	31 x 32	Pouch	76	12	N/A -
002303	White	42.7 x 28.2	Dispenser box	200	1	N/A -
002304	Blue	34 x 31.5	Reel	870	1	N/A -
002305	Blue	42.5 x 23	Pop-up dispenser box	100	10	N/A -

WYPALL* X80 wipes

- Ideal for wiping grease, oil and stubborn dirt
- Can be used with water or solvents: rinse for reuse
- Available in various convenient and efficient distribution systems (in roll or sheets)

Cat. No.	Colours	Sheet (cm)	Presentation	Sheets/ box or roll	Reel or box/ carboard box	€/ box
002968B	Blue	34 x 31.5	Reel	475	1	N/A -
002967B	Blue	42.7 x 28.2	Dispenser box	160	1	N/A -
041438	White	31 x 42	Dispenser box	160	1	N/A -
002969B	Blue	42.7 x 21.2	Pop-up dispenser box	80	10	N/A -
002970	White	31.5 x 34	Reel	475	1	N/A -
002971	White	31 x 32	Pouch	50	4	N/A -

WYPALL* X90 wipes

- Very thick and highly absorbent, durable
- Ideal for difficult wiping tasks

Cat. No.	Colours	Sheet (cm)	Presentation	Sheets box or roll	€/ box or roll
002300	Blue	28 x 34	Pre-cut reel	450	N/A -
002301	Blue	28 x 42.5	Dispenser box	136	N/A -

WYPALL* ForceMax wipes

- Very thick and durable, textile feel
- Ideal for difficult oil and grease wiping tasks

Cat. No.	Colours	Sheet (cm)	Presentation	Sheets/ box	€/ box
041465	Blue-grey	33.5 x 34.5	Pop-up dispenser box	480	N/A -

Folded hand towels



- 2 ply
- In heavy-duty DESL quality or in a smooth version

Cat. No.	Folding	Quality	Number of sheets	Sheet L x W (cm)	Packs or rolls/ carboard box	€/ box
475038	In Z	DESL	150	21.6 x 23	30	N/A -
475039	In W	DESL	100	21.6 x 34	27	N/A -
475040	In W	Smooth	188	21.3 x 31	20	N/A -

Dispenser for folded towels

Cat. No.	Description	€
475049	Handy dispenser in white ABS	N/A -

Embossed paper towels in industrial reels

- 100% pure cellulose wadding
- DESL quality: ultra-resistant paper, both wet and dry
- Embossing 40 pt/cm²
- Soft paper, does not separate or lint
- Environmentally friendly design and use: more absorbent and durable than a standard industrial wiper
- Optimised logistics and raw material from sustainably managed forests
- Made in France
- Food contact compatible





Cat. No.	Model	Unwinding	Number of folds	Number of sheets	Width (cm)	Perforations (cm)	Roll diameter (cm)	Compatible dispenser	Rolls/ box	€/ box
475024	White	Lateral*	2	1000	22.6	30	26	475045 475046 475047	2	N/A -
475025	White	Lateral*	2	1500	22.6	30	30		2	N/A -
475026B	White	Lateral*	2	1500	36.5	30	30		1	N/A -
475027	White	Lateral*	2	1000	22.6	23	26		2	N/A -
475028	White	Lateral*	2	1500	22.6	23	30		2	N/A -
475030	White	Lateral*	2	800	22.6	23	24		2	N/A -
475031	White	Central	2	450	19.4	30	19	475048	6	N/A -
475033	White	Central	2	450	18.1	23	19		6	N/A -
475034	White	Central	2	450	19.4	23	19		6	N/A -
002935C	White	Central	2	450	19.4	35	19		6	N/A -
475032	White	Central	2	200	19.4	25	13	476068, 475048	9	N/A -

* central unwinding possible with dispenser 475047 thanks to the tear-off central mandrel.

Paper towels on a roll

- Compact: economical and practical
- DESL quality: ultra-resistant paper, both wet and dry
- 2 ply



Cat. No.	Number of sheets	Sheet L x W (cm)	Roll Ø (cm)	Packs or rolls/ carboard box	€/ box
475050	500	19.4 x 23	19	6	N/A -
475036B	50	23 x 22.7	10	32	N/A -
475035	300	22.5 x 23	15	10	N/A -
155019	64	23 x 24	-	2 x 12	N/A -

Dispensers for reel wipers

Side or central unwinding reels: For central unwinding use, the pre-cut cardboard tube in the center of the reel must first be removed.



Cat. No.	Model	Reels: width Up to	Reels: Ø up to	€
475048	Wall mounted / sheet central unwinding	19.4 cm	20 cm	N/A -
475047	Wall mounted / central reel	31 cm	32 cm	N/A -
476068	Wall mounted / central reel	19.4 cm	13 cm	N/A -
475045	Tripod / lateral reel	45 cm	-	N/A -
475046	Wall / lateral feed	30 cm	-	N/A -

Dispensers for paper rolls





- For lateral unwinding reels with a maximum diameter of 350 mm and a width of 320 mm
- In lacquered steel or stainless steel

Cat. No.	Type	Material	Dimensions L x D x H (mm)	€
022400	Wall-mounted*	Stainless steel	392 x 275 x 345	N/A -
022401	Wall-mounted*	Lacquered steel	392 x 275 x 345	N/A -
022402	On stand	Lacquered steel	480 x 450 x 810	N/A -
022403	On stand	Stainless steel	392 x 450 x 810	N/A -

* fastener supplied





All prices are indicative and exclude VAT. Visit www.dulis.nl

AutoCut® Hand Towel Dispenser



Maintenance and installation
- Key security on both sides
- Visual check of remaining paper
- Universal wall mounting plate
- Block can be removed in 20 seconds

Economy and waste reduction
- One-at-a-time dispensing
- Automatic cutting system

Hygienic
- Contactless dispensing

Compatibility
- Compatible with rolls Cat. No. 475054

Cat. No.	Description	€
475055	AutoCut® Hand Towel Dispenser	N/A -



Compatible hand towel rolls
- White 2-ply cellulose wadding
- DESL embossing 40 pts/cm²
- Go Green: paper from eco-managed forests, French manufacture
- Ø (new roll): 190 mm, width: 196 mm - total length: 150 m

Cat. No.	Description	€/ 6 units
475054	Hand towel rolls for AutoCut® hand towel dispenser	N/A -

ECOTEX* wipers



- ECOTEX® all purpose white wipers, non-woven and high performance, available in bag, roll or box
- One-at-a-time dispensing boxes
- 5 qualities of ECOTEX® wipers:
  - Top: robust, very strong and absorbent; for heavy duty wiping
  - Standard: absorbent and strong
  - Basic: absorbent and strong; for everyday wiping
  - Soft: soft and very absorbent; for delicate wiping
  - Top and MUST Top: robust, very strong

Cat. No.	Description	Dim. paper L x W (cm)	Packaging unit	€
476066	Bag of folded white Soft wipes	35 x 30	12 bags with 60 wipes	N/A -
476090	Bag of folded white Soft wipes	35 x 30	12 bags with 50 wipes	N/A -
002938C	Soft wipe roll *	35 x 35	1 roll of 500 wipes	N/A -
002914C	EXTRABOX box of Standard wipers	35 x 50	1 Boxes of 100 wipes	N/A -
002970C	Top wiper roll *	35 x 35	1 roll of 500 wipes	N/A -
002971C	Top wipers	35 x 35	10 bags with 50 wipes	N/A -
002967C	ECOBOX of top wipers, blue	23 x 50	1 Boxes of 100 wipes	N/A -
476064	EXTRABOX of Must Top wipers, tangled, white	50 x 35	5 Boxes of 100 wipes	N/A -

* Compatible with dispensers Cat. No. 475045 and 475046

KLEENEX® cellulose wadding hand towels

Hand towels in single sheets, 2 or 3 folds.

- High absorption capacity
- Soft and durable
- Entangled
- More absorbent, thicker, resistant
- More economical
- Three qualities: Kleenex® Premier (thick and very strong) and Kleenex® Ultra (soft and comfortable), Scott® (blue, strong, economical wadding)

Cat. No.	Model	Wipe (cm)	Number of folds	Sheets/ package	Packages/ box	€/ box
002929B	Kleenex® Ultra	21.5 x 31.8	3	96	15	N/A -
002307	Kleenex® Ultra	21.5 x 31.5	2	124	15	N/A -
002915	Kleenex® Premier	21.5 x 41.5	2	94	30	N/A -



Wall dispenser

Cat. No.	Description	€
002930	Wall mounted towel dispenser (2 pack capacity)	N/A -

Kleenex Ultra Soft Folded Hand Towels



- In a POP UP 260 x 225 mm waterproof dispenser box
- 70 folded hand towels
- Sheet-by-sheet distribution
- Ultra resistant, made of cotton wool and latex

Cat. No.	Description	€ 18 boxes
039025B	Kleenex Ultra Soft Hand Towels - box of 70	N/A -

SCOTT removable hand towels



- Hand towels in white interleaved format
- Composition:
  - virgin fibres: 30 %,
  - recycled fibres: 70 %
- Airflex technology

Cat. No.	Wipe (cm)	Sheets/ package	Packages/ box	€/ box
040358	21 x 21.50	300	15	N/A -

Scott® Xtra Hand Towels - Blue and White

- Packaging: plastic
- Package thickness: 20 cm



Cat. No.	Width Wipes (cm)	Length Towel (cm)	Colours	Number of towels	Packages/ box	€ / package
040341	20	31.5	Blue	240	15	N/A -
040343	20	31.5	Blanc	240	15	N/A -

Ko-Ton wiper

- Soft multi-functional wiper
- Easily absorbs water, oil and ink
- Quickly removes all types of liquids
- Very low linting
- Low fibre release
- Silicone free
- Sheet: 340 x 320 mm



Cat. No.	Description	Dimensions W x H (mm)	Units/ box	€/ box
316050	Ko-Ton cloths	340 x 320	100	N/A -

SCOTT Slimfold hand towels and dispenser



- Hand towels in single sheet with 1 fold
- Composition: virgin fibres: 50 %,recy cled fibres: 50 %

Cat. No.	Sheet (cm)	Number of folds	Sheets/ package	Packages/ box	€/ box
040356	29.50 x 19	1	110	16	N/A -

Dispenser - Dispenser thickness: 5 cm.

Cat. No.	Description	€
040357B	SCOTT Slimfold Dispenser	N/A -

SCOTT®Tissues

- Economical tissues
- 2 ply
- 100% virgin fibre
- Sheets 185 x 215 mm
- In a one-at-a-time dispenser box
- With end of box indicator



Cat. No.	Description	No. of Sheets/ box	Boxes/ box	€/ box
002989	Scott®Tissues	100	21	N/A -

Cleanroom wipers Q+ range

- Dry wipers for controlled environment ISO 4/5 or 6/7 cleanrooms, double packed
- Made from virgin fibre; no traces of silicone, amides or DOP
- Very low levels of ions and extractables

Different cuts

- Laser (no fibre loss), ultrasonic (soft edges, no scratching) or standard (knife)

Material

- Poly-Neat P1: 100% continuous filament knitted polyester, cross pattern
- Poly-Neat 2P3: 100% continuous filament polyester, 2 layers bonded with ultrasound for better absorption
- Wu-Neat Z6: microfiber technology with tight weave for durability
- SKM 609: 55% cellulose, 45% polyester, low fibre loss and soft to the touch, high absorbency





For ISO 4/5 environment

Cat. No.	Type	Weight (g/m²)	Dim. (cm)	Cutting	Sheets/ bag	Bags/ box	€/ box
133000	Poly-neat P1	140	23 x 23	Laser	150	12	N/A -
133002	Poly-neat P1	140	31 x 31	Laser	100	12	N/A -
133004	Poly-Neat 2P3	150	23 x 23	Ultrasound	100	12	N/A -
133006	Poly-Neat 2P3	150	31 x 31	Ultrasound	100	10	N/A -
133008	Wu-Neat Z6	120	23 x 23	Laser	100	12	N/A -
133010	Wu-Neat Z6	120	31 x 31	Laser	100	10	N/A -

For ISO 6/7 environment

Cat. No.	Type	Weight (g/m²)	Dim. (cm)	Cutting	Sheets/ bag	Bags/ box	€/ box
133001	Poly-neat P1	140	23 x 23	Laser	150	12	N/A -
133003	Poly-neat P1	140	31 x 31	Laser	100	12	N/A -
133005	Poly-Neat 2P3	150	23 x 23	Ultrasound	100	12	N/A -
133007	Poly-Neat 2P3	150	31 x 31	Ultrasound	100	10	N/A -
133009	Wu-Neat Z6	120	23 x 23	Laser	100	12	N/A -
133011	Wu-Neat Z6	120	31 x 31	Laser	100	10	N/A -
133012	SKM 609	68	23 x 23	Standard	150	20	N/A -
133013	SKM 609	68	31 x 31	Standard	150	20	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Extra soft tissues



Made of pure cellulose wadding from ecologically managed forests

- White smooth tissues, 2-ply, 15 g/m²
- Made in France

Cat. No.	Description	Number of sheets/box	Boxes/ box	€/ box
475023	Extra soft tissue box 19.4 x 20 cm	100	40	N/A -

KLEENEX®Tissues



High quality tissues, combining softness and absorption.

- 2 ply
- 100% virgin fibre
- In a one-at-a-time dispenser box
- 4 End of box indicator

Cat. No.	Description	No. of Sheets/ box	Boxes/ box	€/ box
002987B	Kleenex® Tissues 210 x 186 mm	100	21	N/A -
002988	Kleenex® Square box 211 x 210 mm	90	12	N/A -

Turbo Towels wipes



- Cleaning, disinfecting and degreasing wipes
- Compatible with TP1, TP2, human use and surfaces (according to the Biocide Directive)
- One side is slightly abrasive, perfect for scraping or blotting; the other is soft and absorbent for wiping
- Individual and practical distribution in buckets
- Sheet L x W: 33 x 30 cm

Cat. No.	Description	Packaging unit	€
040405C	Turbo Towels	1 Bucket of 70 wipes	N/A -

Wypall cleaning wipes



040406



040405

- Pre-saturated and solvent-free wipes
- One-at-a-time controlled distribution
- Patented triple-layer material and advanced formula
- Prevents skin dryness
- Economic
- Colour: green
- Number of folds: 1
- To be used instead of a gel or soap
- Removes grease, ink, paint, quickly
- For hands or devices

Cat. No.	Description	Dim. (cm)	Packaging unit	€
040406	Metal dispenser box of 50 wipes	27 x 27	Box of 50	N/A -
040405	Bucket of 90 wipes	27 x 27	Bucket of 90	N/A -

WYPALL* x80 heavy-duty cloths



- Offers good absorption capacity and speed, high resistance for a better duration of use
- Colour coding to differentiate tasks and reduce the risk of cross-contamination
- L x W: 35 x 42 cm
- Protected by a plastic bag until used
- Can be rinsed and reused
- One-at-a-time dispensing system allows consumption control (reduced running costs)

Colours	Blue	Green	Yellow	Red	Units/ box	€/ box
Cat. No.	002909	002910	002911	002912	25	N/A -

Wypall microfibre cloths

- Reduce the risk of cross-contamination
- Soft texture for cleaning glassware
- Can be washed up to 300 times
- Fast and efficient cleaning
- Can be used wet or dry
- Absorb up to 8 times their weight in liquid
- Removes and retains dirt on all surfaces



Colours	Blue	Green	Red	Units/ box	€/ box
Cat. No.	040335	040336	040337	6	N/A -

ECOTEX cloths

- Two ranges available:
  - Microfiber: dust and particles
  - Multitowel: Classic Absorbent Wipes



Range	L x W (cm)	Blue	Green	Yellow	Red	Sheets/ bags	€ / bag
Microfiber	40 x 40	040335C	040336C	040334C	040337C	5	N/A -
Multitowel	50 x 35	002909C	002910C	002911C	002912C	25	N/A -

HORECA cloths

- Certified for food contact
- Dimensions (cm): 40 x 35
- Antibacterial action
- 5 Colours available: no cross-contamination
- Efficient, practical, economical wiping
- Reusable and washable
- Packaged in a bag



Colours	White	Pink	Units/ box	€/ box
Cat. No.	475056	475057	8 x 25	N/A -

Vegetable sponges made of cellulose



- For wiping on all types of surfaces
- Can be decontaminated with chlorinated water
- Rinse before the first use and after each use

Cat. No.	Dimensions (mm)	Units/ box	€/ box
155024	127 x 89 x 10	10	N/A -
155026	135 x 90 x 10	10	N/A -

Rechargeable mini hoover



- Powerful cordless hoover, Li-Ion battery operation
- Easy to clean permanent dust filter
- Additional 12 volt power cord for connection to the cigarette lighter
- Powerful suction to pick up both dirt and liquid
- Crevice nozzle with push-on-brush
- Charging visual indicator
- Rubber nozzle to pick up liquid
- Integrated overcharge and deep-discharge protection
- Wall bracket with power base

Cat. No.	Description	€
067230	Rechargeable Vacuum Cleaner	N/A -
067226B	Spare filter for table top vacuum cleaner	N/A -

KIMTECH Science* wipers

- Chemical resistant, suitable for use with chemicals and solvents
- Ideal for wiping small amounts of liquid, cleaning pipettes and microscope slides
- Low linting level, ideal for delicate wiping
- One-at-a-time dispensing
- 100% virgin fibres, better absorbency and softer feel



Cat. No.	L x W Sheet (cm)	L x W x H box (cm)	No. folds	Sheets/ boxes	Boxes/ box	€/ box
002901	30.4 x 30.4	30.7 x 11.9 x 9	1	196	15	N/A -
002907	11.4 x 21.3	11.7 x 12.1 x 7.5	1	280	30	N/A -
040490	20 x 21	23 x 11.5 x 5.2	2	100	24	N/A -
040490A	20 x 21	23 x 11.5 x 5.2	2	100	1	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Lens cleaning tissue



- Made of Japanese paper, for wiping lenses
- Lint free
- Sold in packs of 25 tissues

Cat. No.	Sheet (mm)	Units/ box	€/ box
074042	95 x 135	25 x 25	N/A -
074089	100 x 150	625	N/A -
074090	200 x 300	100	N/A -
074091	460 x 570	500	N/A -

Whatman Optical paper

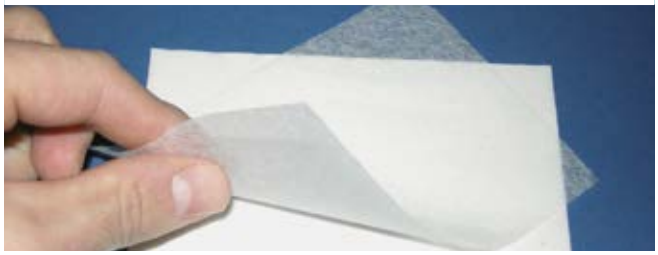


High quality paper for cleaning optical surfaces and lenses. Does not contain any chemical agents, silicone or special additives.

- Very soft, does not scratch
- Very pure, free of additives
- Highly absorbent for grease and moisture removal

Cat. No.	Dimensions (mm)	Packaging	€
036445	100 x 150	25 notebooks of 25 sheets	N/A -
036531	200 x 300	100	N/A -
036532	460 x 570	500	N/A -

ECO lens cleaning wipes



Cat. No.	Dimensions (mm)	Packaging	€/ box
068885	95 x 135	25 bags of 25 sheets	N/A -
068886	190 x 135	500 sheets	N/A -
068887	190 x 270	500 sheets	N/A -
068888	380 x 540	500 sheets	N/A -

MN13 Optical paper



- Fine, soft, lint-free
- For cleaning glass lens
- Dimensions: 36 x 48 cm

Cat. No.	Description	€/ 500 units
910666	MN 13 Optical Paper	N/A -

Gaz Net



- Dry, neutral gas compressed to 6 kg/cm²
- Dusting and drying of all materials and surfaces
- Non-flammable, non-toxic
- Compatible with electronic equipment
- In aerosol

Cat. No.	Volume (ml)	€
280016	650	N/A -

Flat screen cleaning kit



- Cleaning and degreasing gel + microfiber cloth

Cat. No.	Volume (ml)	€
280013	75	N/A -

Optical cleaning



- 2 formats: wipes or cleaning lotion for mineral and organic glass
- Does not leave a trace

Cat. No.	Pack.	€
280003	1000 wipes	N/A -
280004	Lotion 50 ml	N/A -

Cleaning brush



- Antistatic
- Size M: 115 mm

Cat. No.	Description	€
146998	Cleaning brush	N/A -

Stainless steel dispensers for bag rolls



Cat. No.	Mandrel	Max width Of the roll (cm)	Max Ø roll (mm)	Dimensions L x D x H (mm)	€
022404	Without	47	-	480 x 150 x 150	N/A -
022405	With	90	300	1200 x 300 x 360	N/A -

Dispensers for aluminium or stretch film





- In stainless steel
- Wall mounting: screws and dowels supplied
- With cutting strip

Cat. No.	Type	Axis	For rolls of width (cm)	Dimensions L x D x H (mm)	€
022406	Mural	Stainless steel	50	540 x 110 x 110	N/A -
022407	To put down (suction pads)	Stainless steel	50	540 x 110 x 110	N/A -
022408	Wall mounting or free standing (silicone pads)	ABS	55	345 x 120 x 95	N/A -

Storage rack for Kimwipes and Kimtech boxes

- Transparent acrylic holder
- For storing a Kimwipes and Kimtech dispenser box
- Can be fixed to the wall with adhesive (small model) or screws (large model)

Cat. No.	Description	L x H x H (mm)	€
037751	Stand for small box	122 x 117 x 77	N/A -
037752	Stand for big box	318 x 124 x 91	N/A -



Glove box holders



- With Microban® antimicrobial coating
- Made of impact-resistant polystyrene
- Delivered in three modules, to be used alone or in groups of three
- Horizontal or vertical
- Modules dimensions: 254 x 156 x 97 mm

Cat. No.	Description	€
037976	Blue holder with Microban® antimicrobial coating	N/A -
320731	White holder with Microban® antimicrobial coating	N/A -

Acrylic holder for glove boxes



- Transparent acrylic holder
- Facilitates the distribution of gloves
- Can be mounted on a wall with screws (included)

Cat. No.	Capacity	L x H x D (mm)	€
037646	1 box	141 x 110 x 260	N/A -
037647	2 boxes	295 x 110 x 260	N/A -
037648	3 boxes	295 x 110 x 385	N/A -

Storage rack for glove boxes

- Epoxy coated steel holder
- Facilitates the distribution of gloves
- Can be mounted on a wall with screws (included)

Cat. No.	Capacity	L x H x H (mm)	€
037644	1 box	140 x 108 x 208	N/A -
037645	3 boxes	250 x 108 x 454	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Glove box holder



- Suitable for 4 boxes of different sizes
- Easy to clean
- Wall or door mounting
- Dimensions: 152 x 762 x 76 mm

Cat. No.	Description	€
320115	Holder for 4 boxes of gloves	N/A -

Rack for storage of glove boxes



- Epoxy coated
- Fits horizontally or vertically
- Supplied with fixing screws
- Designed for the leading glove brands
- Dimensions of glove boxes (W x D x H): 240 x 140 x 90 mm

Cat. No.	Description	€
141376	Rack for glove box	N/A -

TIP

See also: Tape dispensers page 1235
and dispensers for PPE page 1227

ClearLine® Permanent Markers





- Ink resistant to -200 °C
- Water and rub resistant ink
- Fast drying on the substrate
- Xylene and toluene free ink
- Line width:
  - double tip: 0.6 mm and 1.5 mm
  - medium tip: 1.0 mm
  - super fine tip: 0.4 mm

ClearLine

Felt Pens

Colours	Medium tip Cat. No.	Medium tip €	Super fine tip Cat. No.	Super fine tip €
Red	929208	N/A -	929204	N/A -
Blue	929209	N/A -	929205	N/A -
Green	929210	N/A -	929206	N/A -
Black	929211	N/A -	929207	N/A -
Yellow	929218	N/A -	929214	N/A -
Orange	929219	N/A -	929215	N/A -
Violet	929220	N/A -	929216	N/A -
Brown	929221	N/A -	929217	N/A -

Cases (4 colours: red, blue, green and black)

Cat. No.	Description	€
929212	Set of 4 markers with extra fine tip	N/A -
929213	Set of 4 markers with medium tip	N/A -

White marker



- For smooth, non-porous, dark or transparent surfaces
- Aluminium body
- Permanent pigment ink
- Odourless, lacquered and opaque
- Water resistant

Cat. No.	Description	€
711868	White marker 2-4 mm	N/A -
711869	White marker 1-2 mm	N/A -

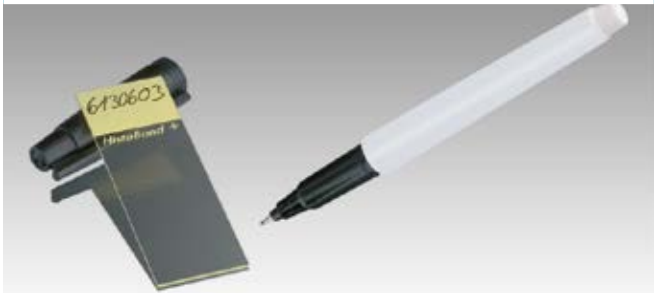
Sterile marker



- Blue ink marker
- Sterile, individually wrapped
- Two types of tips: fine or standard

Cat. No.	Description	€
972443	Sterile marker standard tip	N/A -

Ultra fine laboratory marker



- Ultra-fine tip
- Indelible
- For plastics, glass
- Black ink
- Good chemical resistance
- Good service life

Cat. No.	Description	€
140604	Ultra fine black marker	N/A -

Hydrophobic markers with coloured lines

- Hydrophobic markers
- Fast drying
- Suitable for frozen and paraffin surfaces
- Detergent resistant (Tween 20, Triton X100)



Red	Orange	Green	Blue	Yellow	Violet	€
594000	594001	594002	594003	594004	594005	N/A -

Double-tip permanent markers

Permanent double tip markers for a fine and precise line.
Can be used on any surface (glass, metal, porcelain, plastic, etc.)

- Double-tip: fine and ultra-fine
- Water resistant ink, solvent washable
- 8 assorted colours



Cat. No.	Description	€ pack of 8
320093	Permanent markers (set of 8 assorted colours)	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Lab Marker and Marker II Superfrost





Lab Marker Features

- Permanent ink
- For writing on glass, plastic, metal or porcelain
- Red, blue, green or black

Marker II Superfrost Features

- Special for histology and cytology
- Permanent ink resistant to solvents such as xylene, alcohol, acetone, formalin
- Red or black
- Not resistant to chloroform

Lab Marker fine tip

Colours	Black	Blue	Green	Red	€
Cat. No.	686004	686005	686006	686007	N/A -

Marker II Superfrost special histology and cytology

Cat. No.	Description	€
686009	Marker II Superfrost red	N/A -

Penlight



- Supplied with batteries
- Ignition switch

Cat. No.	Description	€
711922	Penlight with batteries	N/A -

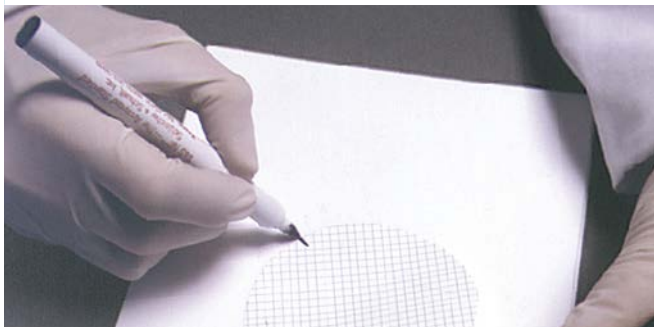
Fluorescent marker



- Special laboratory
- Interchangeable fine tip for autoradiography
- Contains enough phosphor to be visible at different wavelengths

Cat. No.	Description	€
053397	Fluorescent marker with 4 tips	N/A -

Membrane markers



- Xylene-based
- Permanent writing
- For nitrocellulose and nylon membranes
- Ideal for orientation of membranes in different types of transfers

Cat. No.	Description	Units/ box	€ / box
034982	Membrane markers	10	N/A -

Cryomarkers



Pack of 4 cryomarkers specially designed for writing on cryotubes, freezing boxes and cryogenic media.

Cat. No.	Description	€
028123	Pack of 4 cryomarkers in assorted colours (green, blue, red, black)	N/A -
028124	Pack of 4 black cryomarkers	N/A -

Cryopen markers



Special low temperature fine tip marker, resistant to xylene and alcohol. Erased with ethanol

Cat. No.	Description	€
055036	Pack of 4 cryopens (green, red, blue, black)	N/A -

Safety laboratory notebooks

3 formats: A4, A5 and A4 «oversized» to keep protocol sheets written on full A4 paper.

- **For the conservation of data from the experiments**
- **Fully hand-sewn and paginated**
- **With writing in English and French**
- **Location for signature, date**
- **Hydrophobic hard cover**

Cat. No.	Description	€
440300	96 page A4 notebook with 5 mm grid	N/A -
440301	240 page A4 notebook with 5 mm grid	N/A -
440302	168 page A4 oversized notebook with 5 mm grid	N/A -
440303	72 page A5 notebook with 5 mm grid	N/A -



TIP



Your personalised laboratory notebooks, printed with your laboratory's name? Consult us!

Laboratory notebooks

Sewn notebooks with permanent squared or lined sheets

- **96 numbered pages**
- **Non-wettable polyethylene cover**
- **With space for user's signature, name and date**
- **For recording data and protocols in the laboratory**

Cat. No.	Description	€
029367	Laboratory notebook, lined paper, A4 size (dark red cover)	N/A -
029368	Laboratory notebook, squared paper, A4 size (dark green cover)	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Sterifold Pivoting Pockets

To display and make accessible all your information on workstations, machines, in laboratories, pharmaceutical industry.
The film (PVC 11/100) of Sterifold Pockets has been treated with the antimicrobial additive Agion, using silver ion technology.
When handled, Sterifold Pockets will release silver ions with antimicrobial properties whenever harmful micro-organisms appear on the door surface.
NB: For optimal antimicrobial protection, Sterifold Pockets should be replaced every 2 years.

Sterifold Pivoting Pockets

- With metal pivots
- Format 385 x 245 x 50 mm
- Top pocket opening
- Black
- Packed in bags of 10 to protect them from moisture and dust, neutral cardboard

Cat. No.	Description	€ 10 units
067922	Anti-microbial pockets A4	N/A -
067925	Anti-microbial stainless steel pivoting pockets A4	N/A -



Sterifold 10-pocket wall set

- Light grey wall mounted element with 4 pluggers to hold the pockets in place
- A4 size, stainless steel version
- 10 Sterifold antibacterial pivoting pockets
- 5 clip-on index tabs (neutral/color inserts)
- Assembly materials screws, bolts and spacer
- The pockets are packaged in bags to protect them from humidity and dust

Cat. No.	Description	€
067920	Stainless steel wall kit with 10 anti-microbial A4 pockets	N/A -
067923	Empty stainless steel wall unit for 10 pockets	N/A -
067925	A4 anti-microbial stainless steel pivoting pockets (10 units)	N/A -



Sterifold 10-pocket desk

- Light grey desk with 4 pluggers to hold the pockets in place
- 5 clip-on index tabs (neutral/color inserts)
- Packed per 1, plain carton, size 380 x 33 x 240 mm
- The pockets are packaged in bags to protect them from humidity and dust
- Format A4
- 10 Sterifold antibacterial pivoting pockets
- The desk can be expanded to 20 or 30 pockets by adding 1 or 2 Sterifold wall-mounted units (067920)
- Wall mounting possible thanks to the perforations on the back of the base

Cat. No.	Description	€
067921	Desk with 10 anti-microbial A4 pockets	N/A -
067924	Stand for desk, 10 to 30 pockets	N/A -

To compose a stainless steel desk kit you need:
- 067924: Stainless steel desk stand
- 067923: empty stainless steel wall element
- 067925: 10 stainless steel pockets

Repositionable display system



- Format A4
- Repositionable (can be removed and reattached)
- Display your self-checks and documents in strategic locations
- Up to 10 A4 sheets stored

Cat. No.	Description	Units/ box	Format	€/ box
853112	Magnetic closure pocket with adhesive on the back	5	A4	N/A -

Writable adhesive tapes



- Residue-free, solvent-resistant rubber resin adhesive
- Can be used from - 80 °C to + 154 °C
- Autoclavable, resistant to gamma irradiation (from 13 to 45 kGy)

Lenght (m)	13			36			54		
Width (mm)	13	19	25	13	19	25	13	19	25
White	947677	947678	947679	947687	947688	947689	947705	947706	947707
Red	-	-	-	947690	947691	947692	-	-	-
Yellow	947680	947681	947683	947693	947694	947695	-	-	-
Green	947684	947685	947686	947696	947697	947698	-	-	-
Blue	-	-	-	947699	947700	947701	-	-	-
Orange	-	-	-	947702	947703	947704	-	-	-
Units/box	6	4	3	6	4	3	6	4	3
€/box	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

ClearLine® adhesive tapes

Coloured rolls of adhesive tape designed for the laboratory

- **Robust, water, oil and acid resistant**
- **Can be used in freezer at - 80 °C and in autoclave for 15 minutes at + 121 °C**
- **For marking with pen, pencil or permanent marker**
- **Sticks to most surfaces: glass, plastic and metals**
- **Easy and clean to remove**
- **Available in 2 lengths (12 m and 55 m) and 3 widths (13, 19 and 25 mm)**



TIP

Customised printed ribbons: consult us

Rainbow Packs: assorted colours

Description	Contents (in rolls)							Cat. No.	€
	White	Yellow	Red	Orange	Green	Blue	Pink		
Rainbow Pack: 24 rolls 12 m x 13 mm	5	4	3	3	3	3	3	188007	N/A -
Rainbow Pack: 16 rolls 12 m x 19 mm	4	2	2	2	2	2	2	188015	N/A -
Rainbow Pack: 12 rolls 12 m x 25 mm	2	2	2	1	2	1	2	188023	N/A -

ClearLine® adhesive tape length 12 m

Width (mm)	13		19		25	
No. of rolls	6	1	4	1	3	1
White	188000	188000A	188008	188008A	188016	188016A
Yellow	188001	188001A	188009	188009A	188017	188017A
Green	188002	188002A	188010	188010A	188018	188018A
Red	188003	188003A	188011	188011A	188019	188019A
Orange	188004	188004A	188012	188012A	188020	188020A
Blue	188005	188005A	188013	188013A	188021	188021A
Pink	188006	188006A	188014	188014A	188022	188022A
Turquoise	188048	188048A	188050	188050A	188052	188052A
Fuchsia	188049	188049A	188051	188051A	188053	188053A
Ochre	188061	188061A	188071	188071A	188081	188081A
Salmon	188062	188062A	188072	188072A	188082	188082A
Copper	188063	188063A	188073	188073A	188083	188083A
Violet	188064	188064A	188074	188074A	188084	188084A
Lavender	188065	188065A	188075	188075A	188085	188085A
Grey	188066	188066A	188076	188076A	188086	188086A
Lime	188067	188067A	188077	188077A	188087	188087A
Chartreuse green	188068	188068A	188078	188078A	188088	188088A
Gold	188069	188069A	188079	188079A	188089	188089A
Silver	188070	188070A	188080	188080A	188090	188090A
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

ClearLine® adhesive tape length 55 m

Width (mm)	13		19		25	
No. of rolls	6	1	4	1	3	1
White	188024	188024A	188031	188031A	188038	188038A
Yellow	188025	188025A	188032	188032A	188039	188039A
Green	188026	188026A	188033	188033A	188040	188040A
Red	188027	188027A	188034	188034A	188041	188041A
Orange	188028	188028A	188035	188035A	188042	188042A
Blue	188029	188029A	188036	188036A	188043	188043A
Pink	188030	188030A	188037	188037A	188044	188044A
Turquoise	188054	188054A	188056	188056A	188058	188058A
Fuchsia	188055	188055A	188057	188057A	188059	188059A
Ochre	188091	188091A	188101	188101A	188111	188111A
Salmon	188092	188092A	188102	188102A	188112	188112A
Copper	188093	188093A	188103	188103A	188113	188113A
Violet	188094	188094A	188104	188104A	188114	188114A
Lavender	188095	188095A	188105	188105A	188115	188115A
Grey	188096	188096A	188106	188106A	188116	188116A
Lime	188097	188097A	188107	188107A	188117	188117A
Chartreuse green	188098	188098A	188108	188108A	188118	188118A
Gold	188099	188099A	188109	188109A	188119	188119A
Silver	188100	188100A	188110	188110A	188120	188120A
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

ClearLine® roll dispensers

Cat. No.	Description	€
188045	Multi-roll dispenser for 55 m adhesive tapes, 4 compartments of 60 mm	N/A -
188046	Multi-roll dispenser for 12 m adhesive tapes, 4 compartments of 65 mm	N/A -
188047	ClearLine® Individual dispenser for 12 m adhesive tapes	N/A -
188060	ClearLine® Individual dispenser for 12 and 55 m adhesive tapes	N/A -



Adhesive tape - 196 °C to + 288 °C

- **Extreme temperature resistant tape**
- **Textured surface**
- **Ideal for liquid nitrogen freezing or marking of products for sterilisation, for oven or incubator**

Cat. No.	Width x Length	€ the roll
140275	12.7 mm x 7.6 m	N/A -
140276	19 mm x 7.6 m	N/A -
140277	25 mm x 7.6 m	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Time Tape Coloured adhesive tapes



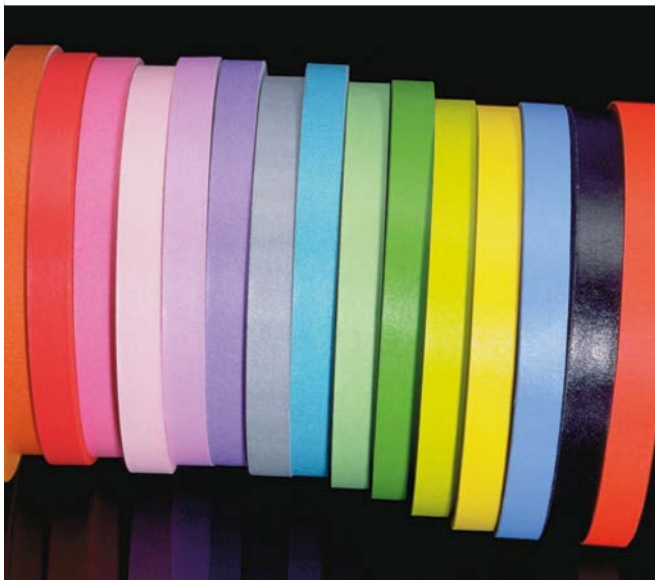
Coloured adhesive tapes specially designed for laboratory use.
The economical rainbow pack: always the right colour at hand! Length: 12 m.
3 widths:

- 13 mm (colours: 5 white, 4 yellow, 3 green, 3 pink, 3 red, 3 orange and 3 blue);
- 19 mm (colours: 4 white, 2 yellow, 2 blue, 2 green, 2 orange, 2 red and 2 pink);
- 25 mm (colours: 2 white, 2 yellow, 2 green, 2 blue, 2 red, 1 pink and 1 orange).

➤**Autoclavable (+ 130 °C)**
➤**Can be used in the freezer (-50 °C), adheres perfectly at 0 °C**
➤**Suitable for use in ovens and furnaces**
➤**Can be glued and unglued without leaving a trace**
➤**Marking with pencil, ink, felt-tip pen**

Cat. No.	Description	€
140260	Set of 24 rolls 13 mm x 12 m	N/A -
140261	Set of 16 rolls 19 mm x 12 m	N/A -
140262	Set of 12 rolls 25 mm x 12 m	N/A -

Time Tape



All 12m tapes are on a 26mm ID cardboard tube and all 55m tapes are on a 76mm ID tube; regardless of tape width.

Time Tape length 12 m

Width (mm)	13	19	25	38	50
White	140259A	140250A	140251A	140252A	140253A
Blue	140259B	140250B	140251B	140252B	140253B
Copper	140259C	140250C	140251C	140252C	140253C
Pink	140259D	140250D	140251D	140252D	140253D
Lime	140259E	140250E	140251E	140252E	140253E
Fuschia	140259F	140250F	140251F	140252F	140253F
Grey	140259G	140250G	140251G	140252G	140253G
Chartreuse	140259H	140250H	140251H	140252H	140253H
Yellow	140259J	140250J	140251J	140252J	140253J
Lavender	140259L	140250L	140251L	140252L	140253L
Violet	140259M	140250M	140251M	140252M	140253M
Black	140259N	140250N	140251N	140252N	140253N
Orange	140259P	140250P	140251P	140252P	140253P
Ochre	140259Q	140250Q	140251Q	140252Q	140253Q
Red	140259R	140250R	140251R	140252R	140253R
Salmon	140259S	140250S	140251S	140252S	140253S
Turquoise	140259T	140250T	140251T	140252T	140253T
Green	140259V	140250V	140251V	140252V	140253V
€	N/A -	N/A -	N/A -	N/A -	N/A -



Time Tape length 55 m

Width (mm)	13	19	25	38	50
White	140254A	140255A	140256A	140257A	140258A
Blue	140254B	140255B	140256B	140257B	140258B
Copper	140254C	140255C	140256C	140257C	140258C
Pink	140254D	140255D	140256D	140257D	140258D
Lime	140254E	140255E	140256E	140257E	140258E
Fuschia	140254F	140255F	140256F	140257F	140258F
Grey	140254G	140255G	140256G	140257G	140258G
Chartreuse	140254H	140255H	140256H	140257H	140258H
Yellow	140254J	140255J	140256J	140257J	140258J
Lavender	140254L	140255L	140256L	140257L	140258L
Violet	140254M	140255M	140256M	140257M	140258M
Black	140254N	140255N	140256N	140257N	140258N
Orange	140254P	140255P	140256P	140257P	140258P
Ochre	140254Q	140255Q	140256Q	140257Q	140258Q
Red	140254R	140255R	140256R	140257R	140258R
Salmon	140254S	140255S	140256S	140257S	140258S
Turquoise	140254T	140255T	140256T	140257T	140258T
Green	140254V	140255V	140256V	140257V	140258V
€	N/A -	N/A -	N/A -	N/A -	N/A -

COLOURED ADHESIVE TAPES

Smooth masking tape



- Smooth paper tape for sealing
- Ideal for closing and isolating rooms before disinfection

Cat. No.	Description	€ the roll
150286A	Roll 18 mm x 50 m	N/A -
150264C	Roll 24 mm x 50 m	N/A -
150265C	Roll 36 mm x 50 m	N/A -
150266C	Roll 48 mm x 50 m	N/A -

Aluminium adhesive tapes

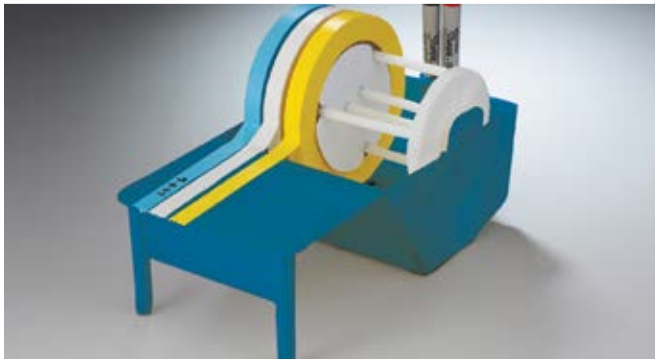


- Can be used as a vapour barrier to seal joints and cracks
- Felt marking possible

Cat. No.	Temperature range (°C)	Thickness (mm)	Roll (m)	€
764005	-40 to + 140	0.04	100	N/A -
764006	-40 to + 89	0.1	50	N/A -

Multiple tape dispenser

- For 12 to 25 mm wide rolls
- Spindle diameter: 27 and 78 mm
- For 4 rolls of 25 mm width, and 5 or more rolls of 12 to 19 mm
- Dimensions: 302 x 143 x 106 mm



Cat. No.	Description	€
086000	Eco tape dispenser to be fixed*	N/A -
947732	Tape dispenser, heavy duty metal base	N/A -

* screws not supplied

Dispensers for adhesive tapes

2 types of dispensers:
- the manual dispenser for 2 rolls of 12 metres, width 13 mm or 25 mm;
- the transparent acrylic multi-dispenser for all roll widths (maximum capacity 240 mm width)



Cat. No.	Description	€
140451	Manual dispenser for 2 rolls 12 m of 13 mm or a 12 m roll of 25 mm width	N/A -
140264	Acrylic dispenser for 12 m tapes	N/A -
140265	Acrylic dispenser for 55 m tapes	N/A -

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Close-it food labels





- For sealing holes after sampling in bags
- Aluminium-paper sandwich structure
- Compliant with the FDA standard
- Specially adapted to the food and pharmaceutical sector

Cat. No.	Colour	Printing	L x H (mm)	Units/ roll	€/ roll
670830	Red	Yes	95 x 95	500	N/A -
670831	White	No	95 x 95	500	N/A -
670832	Red	Yes	150 x 150	250	N/A -
670833	White	No	150 x 150	250	N/A -

Dispensers

Cat. No.	Description	€
670828	Label dispenser for 95 x 95 labels	N/A -
670829	Label dispenser for 150 x 150 labels	N/A -

Close-it control seal labels





- For sealing holes after sampling in bags
- Double membrane
- Aluminium-paper sandwich structure

Cat. No.	Colour	Model	L x H (mm)	Parts / roll	€/ roll
670816	Red	With printing	95 x 95	500	N/A -
670817	Green	With printing	95 x 95	500	N/A -
670818	Yellow	With printing	95 x 95	500	N/A -
670819	Blue	With printing	95 x 95	500	N/A -
670820	Black	With printing	95 x 95	500	N/A -
670821	White	Without printing	95 x 95	500	N/A -
670822	Red	With printing	150 x 150	250	N/A -
670823	Green	With printing	150 x 150	250	N/A -
670824	Yellow	With printing	150 x 150	250	N/A -
670825	Blue	With printing	150 x 150	250	N/A -
670826	Black	With printing	150 x 150	250	N/A -

Dispensers

Cat. No.	Description	€
670828	Label dispenser for 95 x 95 labels	N/A -
670829	Label dispenser for 150 x 150 labels	N/A -

Tough-Spots Round labels for tube caps







Heavy duty round adhesive labels for identification and marking of tubes and microtubes on their caps. Particularly suitable for the caps of 0.5 to 2 ml microtubes and 15 ml and 50 ml conical tubes.

- **In PVC**
- **Autoclavable**
- **Freezable**
- **Can be immersed in a water bath at 100 °C**
- **Chemically resistant**
- **Tear-proof**
- **Accept marker marking**
- **Operating temperature: - 80 °C to + 121 °C**
- **On printing sheets or on rolls**

	Labels on sheet					On a roll							
ø (mm)	9.5	11	13	19	25	4.8	9.5	9.5	11	13	13	19	25
Disposition /sheets	12 x 16	13 x 18	12 x 16	9 x 12	7 x 9	-	-	-	-	-	-	-	-
No. of labels/sheet	192	234	192	108	63	-	-	-	-	-	-	-	-
Pr microtubes and tubes	0.5 to 1.5 ml	1.5 to 2 ml	1.5 to 2 ml	15 to 50 ml	50 ml	0.2 ml	0.5 to 1.5 ml	0.5 to 1.5 ml	1.5 to 2 ml	1.5 to 2 ml	1.5 to 2 ml	General	General
No. labels /pack or /roll	3840	4680	3840	2160	1260	1500	1000	5000	1000	1000	5000	500	500
White	**053134**	**053163**	**053140**	**053146**	**053147**	**053165**	**053058**	**053362**	**053164**	**053063**	**053364**	**053389**	**053390**
Red	**053135**	-	**053141**	-	-	-	**053059**	-	-	**053064**	-	-	-
Yellow	**053136**	-	**053142**	-	-	-	**053060**	-	-	**053065**	-	-	-
Blue	**053137**	-	**053143**	-	-	-	**053062**	-	-	**053067**	-	-	-
Green	**053138**	-	**053144**	-	-	-	**053061**	-	-	**053066**	-	-	-
Orange	**053139**	-	**053145**	-	-	-	**053380**	-	-	-	-	-	-
Assorted	-	-	-	-	-	-	-	**053363**	-	-	**053365**	-	-
Brown	-	-	-	-	-	-	**053376**	-	-	**053383**	-	-	-
Gold	-	-	-	-	-	-	**053377**	-	-	**053384**	-	-	-
Lavender	-	-	-	-	-	-	**053378**	-	-	**053385**	-	-	-
Brown	-	-	-	-	-	-	**053379**	-	-	**053386**	-	-	-
Pink	-	-	-	-	-	-	**053381**	-	-	**053387**	-	-	-
Silver	-	-	-	-	-	-	**053382**	-	-	**053388**	-	-	-
€/ pack (or /roll)	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**



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Self-adhesive rectangular labels for microtubes and tubes Tough-Tags





- **Labels for microtubes and tubes**
- **Pre-cut labels on sheet for computer printer**
- **Colour, white and transparent models**
- **They can withstand temperatures between - 40 °C and + 100 °C (water bath)**
- **Freezable and autoclavable**
- **Chemically resistant**
- **Tear-proof**
- **Marking with pen, felt-tip, pencil, marker**
- **Will not come off accidentally**

Label size (mm)	32 x 13	24 x 13	20 x 7	38 x 19
For tubes type 1.5 and 2 ml	Microtubes 0.5 ml	Microtubes 0.2 ml	Microtubes haemolysis	Tubes
In roll of	1000	1000	1500	1000
White	**053044**	**053049**	**053056**	**053057**
Red	**053045**	**053050**	-	-
Yellow	**053046**	**053051**	-	-
Blue	**053047**	**053052**	-	-
Green	**053048**	**053053**	-	-
Orange	**053519**	**053518**	-	-
Transparent	**053054**	**053055**	-	-
Super CRYO -196 °C	**053071**	**053409**	-	**053072**
€/ the roll	**N/A -**	**N/A -**	**N/A -**	**N/A -**

On US letter size sheet, for computer printers (laser), standard labels, colour

Standard, pack of 25 sheets of	85 labels	119 labels	-	60 labels
Either	2125 labels	2975 labels	-	1500 labels
White	**053068**	**053069**	-	**053070**
Green	**053483**	**053494**	-	**053503**
Orange	**053488**	**053499**	-	**053504**
Red	**053487**	**053491**	-	**053505**
Yellow	**053476**	**053493**	-	**053506**
Blue	**053498**	**053500**	-	**053502**
Assorted	**053173**	**053501**	-	**053507**
€/ the pack	**N/A -**	**N/A -**	-	**N/A -**

On 21.6 x 27.9 cm sheets for computer printers, standard labels, white or transparent

L x W (mm)	38 x 19	38 x 13	27 x 13	25 x 25	23 x 8	67 x 5	41 x 16	216 x 279
Disposition per sheet	5 x 12	5 x 16	6 x 16	8 x 10	7 x 22	3 x 33	4 x 16	-
Number of labels per sheet	60	80	96	80	154	99	64	To cut
For 1.5 to 2 ml	General 0.5 ml	Tubes microscope	Tubes 0.5 to 2 ml	Slide of 0.2 ml	PCR Tubes	Microplates	General	-
Number of labels per sheet	1200	1600	1920	2000	3850	2475	1600	25
Transparent	**053509**	**053510**	**053511**	-	-	-	-	-
White	-	-	-	**053512**	**053514**	**053515**	**053516**	**053517**
€/ pack	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Xylene resistant labels

- **Polyester labels**
- **High resistance to solvents**
- **Operating temperature: - 40 °C to + 121 °C**
- **Resistant to water bath, autoclaving and freezing down to -40 °C**

L x W (mm)	22 x 22
For	Microscope slides
Roll with 100	**053521**
€/ roll	**N/A -**



See also: Brady labels in printable sheets page 1245

ClearLine® Labels for cryogenics

- Operating temperature: -196 °C to +121 °C
- On US letter size sheet, for laser printer
- Marking with pen and marker
- Does not come off in a water bath



188459


188401

Safety labels

Ø (mm)	9.5
Biohazard	**188499**
Radioactive	**188500**
Units/roll	1000
€	**N/A -**

Labels on sheet

Dimensions L x W or Ø (mm)	9.5	13	24 x 13	33 x 13	38 x 6	38 x 19	43 x 19	67 x 25	76 x 51	25 x 25
For	Microtubes 0.5 - 1.5 ml	Microtubes 1.5 - 2 ml	Microtubes 0.5 ml	Microtubes 1.5 - 2 ml	Microplates	General	Cryotubes	Boxes	Boxes	Microscope slides
White	**188401**	**188408**	**188415**	**188422**	**188429**	**188436**	**188443**	**188450**	**188457**	**188458**
Blue	**188402**	**188409**	**188416**	**188423**	**188430**	**188437**	**188444**	**188451**	-	-
Green	**188403**	**188410**	**188417**	**188424**	**188431**	**188438**	**188445**	**188452**	-	-
Yellow	**188404**	**188411**	**188418**	**188425**	**188432**	**188439**	**188446**	**188453**	-	-
Orange	**188405**	**188412**	**188419**	**188426**	**188433**	**188440**	**188447**	**188454**	-	-
Red	**188406**	**188413**	**188420**	**188427**	**188434**	**188441**	**188448**	**188455**	-	-
Units/package	3840	3840	2380	1700	3120	1200	1040	600	240	1600
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Assorted colours	**188407**	**188414**	**188421**	**188428**	**188435**	**188442**	**188449**	**188456**	-	-
Units/package	4800	4800	2975	2125	3900	1500	1300	750		
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	-	-

Labels on roll

Dimensions L x W or Ø (mm)	9.5	13	19	25	21 x 7	24 x 13	33 x 13	38 x 19
For	Microtubes 0.5 - 1.5 ml	Microtubes 1.5 - 2 ml	Tubes 15 - 50 ml	Tubes 50 ml	Microtubes 0.5 ml	Microtubes 0.5 ml	Microtubes 1.5 - 2 ml	General use
White	**188459**	**188471**	**188483**	**188484**	**188485**	**188486**	**188487**	**188493**
Lavender	**188460**	**188472**	-	-	-	-	-	-
Blue	**188461**	**188473**	-	-	-	-	**188488**	**188494**
Green	**188462**	**188474**	-	-	-	-	**188489**	**188495**
Yellow	**188463**	**188475**	-	-	-	-	**188490**	**188496**
Orange	**188464**	**188476**	-	-	-	-	**188491**	**188497**
Pink	**188465**	**188477**	-	-	-	-	-	-
Red	**188466**	**188478**	-	-	-	-	**188492**	**188498**
Brown	**188467**	**188479**	-	-	-	-	-	-
Gold	**188468**	**188480**	-	-	-	-	-	-
Silver	**188469**	**188481**	-	-	-	-	-	-
Units/roll	1000	1000	1000	500	1500	1000	1000	1000
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Assorted colours*	**188470**	**188482**	-	-	-	-	-	-
Units/roll	5000	5000	-	-	-	-	-	-
€	**N/A -**	**N/A -**	-	-	-	-	-	-

* Colours: green, red, blue, yellow and purple.

Acrylic dispenser and labels

- In acrylic
- Light blue colour
- To be placed on the bench or mounted on the wall (screws not included)
- With 4 non-slip feet
- For 6 boxes of 1000 labels

Cat. No.	Dimensions W x L x H (mm)	€
141320	300 x 130 x 120	**N/A -**



Round and rectangular labels

- Inert polyester
- For use until - 196 °C
- Round labels: Ø = 9.5 mm
- Rectangular labels: L x W = 33 x 13 mm

Blue	Red	Green	Yellow	Violet	Units/ box	€ / box	Assorted*	Units/ box	€ / box
Round labels									
141322	**141323**	**141324**	**141325**	**141326**	1000	**N/A -**	**141321**	5000	**N/A -**
Rectangular labels									
141327	**141328**	**141329**	**141330**	**141331**	1000	**N/A -**	-	-	-

* Uses two slots in the dispenser.

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Labels for cryotubes



DT Cryo-spots labels

- Made of polypropylene
- Withstand temperatures from -196 °C to +70 °C
- For thermal printers
- 4000 labels/roll

Colours	Ø 9.5 mm For tube 0.5 ml	Ø 13 mm For tube 1.5 ml	€ the roll of 4000
Blue	053582	053588	N/A -
Green	053583	053589	N/A -
Orange	053584	053590	N/A -
Red	053585	053591	N/A -
Yellow	053586	053592	N/A -
White	053587	053593	N/A -

Solvent/xylene resistant labels

- Resistant to solvents including xylene and acetone (short exposure)
- Withstands from -80 °C to +93 °C
- For thermal printers
- Easy to remove without residue

Cat. No.	Dimensions (mm)	Labels/ roll	€ the roll
053595	26 x 13	1000	N/A -
053596	38 x 13	750	N/A -
053597	38 x 19	750	N/A -
053598	22 x 22	1000	N/A -

DT Cryo-tags and spot combo



- Withstand temperatures from -196 °C to +93 °C
- Format suitable for Nanodrop Lite printer
- Dim. tags L x W: 38 x 13 mm
- Spot diameter: 9.5 mm
- For tube 1.5 ml
- 500 labels/roll

Cat. No.	Description	€ the roll of 500
053594	Cryo-tags and spot combo labels	N/A -

Special labels for cryogenic work



Adhesive labels specially designed for media used in cryogenic work: tubes, microtubes, cryotubes, conservation boxes, etc.

- Autoclavable
- Does not come off in a water bath
- Do not tear
- Highly resistant to chemical aggressors
- Operating temperature: up to - 196 °C
- Packaged on 21.6 x 29.7 cm sheets for laser printers or on rolls of 1000

Labels on roll

L x W (mm)	24 x 13	32 x 13	38 x 19
For tubes type	Microtubes 0.5 ml	Microtubes 1.5 ml to 2 ml	General
Cat. No.	053409	053071	053072
€ /roll of 1000	N/A -	N/A -	N/A -

Labels on sheet

L x W (mm)	43 x 19	38 x 19	67 x 25	28 x 44	25 x 25	33 x 13	24 x 13	64 x 13	76 x 51	38 x 6
Disposition per sheet	4 x 13	5 x 12	3 x 10	7 x 6	8 x 10	5 x 17	7 x 17	3 x 20	4 x 3	4 x 39
Number of labels per sheet	52	60	30	42	80	85	119	60	12	156
Use	Cryotubes	General	Rack cryobox	General	Slide microscoy	Microtubes 1.5 ml	Microtubes 0.5 ml	Microtubes 0.5 to 2 ml	Flasks	Microplate
Number of labels per pack	1040	1200	600	840	1600	1700	2380	1200	240	3120
White	053104	053075	053115	053116	053117	053073	053121	053127	053128	053080
Transparent	-	-	-	-	-	053444	053445	-	-	-
Red	053105	053110	053529	-	-	053118	053122	-	-	053129
Yellow	053106	053111	053530	-	-	053089	053123	-	-	053130
Blue	053107	053112	053527	-	-	053090	053124	-	-	053131
Green	053108	053113	053528	-	-	053119	053125	-	-	053132
Orange	053109	053114	053475	-	-	053120	053126	-	-	053133
Assorted colours	053525	053524	053490	-	-	053520	053523	-	-	053526
€/ pack	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Round and rectangular double label roll

For labelling tubes and caps simultaneously.

- **The roll includes:**
  - 500 round labels ø 11 mm
  - 500 labels 33 x 13 mm
- **Ideal for microtubes**



Cat. No.	Colours	€ the roll of 500
053398	Blue	N/A -
053399	Green	N/A -
053403	Red	N/A -
053404	White	N/A -

Write-protect labels

Transparent labels to cover and protect the marking on labels or microtubes.

- **Delivered in a pre-perforated roll on an dispenser**
- **Adheres to all materials: plastic, glass, metal and label paper**
- **Withstand temperatures from - 190 °C to + 150 °C**



Cat. No.	Description	€ the roll of 1000
053093	Write-protect labels 32 x 13 mm	N/A -
053094	Write-protect labels 41 x 16 mm	N/A -

Bake-Tags

For labelling products or buffers for molecular biology, requiring a heating step to deactivate RNases and DNases. Label format: 38 x 19 mm.

- **Labels can withstand temperatures up to 180 °C in dry heat**
- **Withstand autoclaving, freezing in liquid nitrogen and boiling water in water baths**
- **Resistant to most organic solvents, alcohols, acids and alkalis**



Cat. No.	Description	Roll of	€ the roll
053095	Bake-Tags	250 tags	N/A -

Wetgrip adhesive labels

Strong adhesive labels for wet, frosted or frozen tubes.

- **Temperature resistant to -80 °C**
- **Attaches to wet and frozen surfaces**
- **Adheres to plastics, glass, metals**
- **Resistant to solvents and chemicals**
- **Compatible with centrifuge rotors**
- **White**
- **In sheet form for laser printing**



Size (mm)	Label layout	Cat. No.	Labels/ box	€ / box
33 x 13	5/17	053447	1700	N/A -
24 x 13	7/17	053448	2380	N/A -
38 x 19	5/12	053449	1500	N/A -
22 x 22	8/12	053450	2400	N/A -

Marking labels for microplates

- **Adhesive labels which are highly resistant to solvants and temperature variations (-80 °C to +120 °C), Irremovable and tear-proof**
- **Designed to fit over the side of a microplate (or a Petri dish).**
- **L x W: 38 x 6.4 mm, roll or sheet for laser printer.**



Cat. No.	Description	Units/ box	€ / box
053079	Labels in roll	1000	N/A -
053080	Labels on printing sheets	3120	N/A -

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Extra long labels for microtubes



Long labels to extend the information on the microtubes. They are fixed in a "flag" around the tube.

- **Irremovable and tear-proof**
- **Label format: 63 x 12 mm**
- **Resistant to most organic solvents and corrosives from - 40 °C to + 121 °C**
- **Presented pre-cut on 21.6 x 27.9 cm sheets for computer printer (60 labels per sheet)**

Cat. No.	Description	€ 1500 units
053078	Extra-long labels (25 x 60 labels)	N/A -

Microscopy labels



Colour-coordinated adhesive labels with good solvent and temperature resistance (-70 °C to +100 °C) for microscope slides.
L x W: 22 x 22 mm. Presentation on sheets of 96 labels for computer printers.

Orange	Blue	Green	Red	White	Yellow	Assorted	€ box of 2400
053156	053154	053155	053157	053006	053158	053159	N/A -

Labels with red border



- **White self-adhesive labels with red border**
- **For Glassware marking**
- **Can be removed without leaving a residue**

Cat. No.	Dimensions (mm)	Number of labels per roll	€/ box
764012	41 x 25	307	N/A -
764013	63 x 38	200	N/A -
764014	75 x 50	167	N/A -

Label Remover



- **Removes adhesives and glue residues**
- **Usable on all surface (test required befor use on polystyren and polycarbonate)**
- **Without chlorinated solvents**
- **In aerosol**
- **Do not use on the skin**

Cat. No.	Volume (ml)	€
280015	520	N/A -

Coloured labels



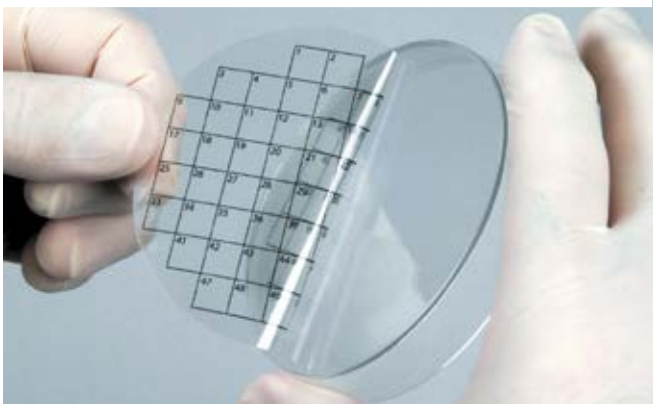
Adhesive paper labels.
On a roll.

Dimensions (mm)	Blue	Green	Pink	White	Yellow	Labels/ roll	€/ roll
25 x 19	140000B	140001B	140002B	140003B	999757	5000	N/A -

Grid pattern stickers for Petri dish

- Repositionable stickers for Petri dish 90 mm
- 76 mm diameter format
- With a numbered grid from 32 to 100 squares or as "pie chart" with 6 to 16 portions

Cat. No.	Type	Units/ box	€/ box
053432	32 squares	36	N/A -
053433	50 squares	36	N/A -
053434	70 squares	36	N/A -
053435	100 squares	36	N/A -
053436	6 sectors	36	N/A -
053437	8 sectors	36	N/A -
053438	12 sectors	36	N/A -
053439	16 sectors	36	N/A -



Adhesive tapes

Cat. No.	Background colour/ text colour	Marking	Dimensions L x W (m x mm)	€
150276	Green / Black	"Contaminated"	12.7 x 13	N/A -
950166	Orange / Black	"Corrosive"	12.7 x 13	N/A -
150275	Black / Yellow	"Poison"	12.7 x 13	N/A -
950167	Red / Yellow	"Flammable"	12.7 x 13	N/A -
150273	Yellow / Red	"Radioactive"	12.7 x 13	N/A -

TIP



Customised adhesive strips: consult us



Sealing tape

- Red sticker, black text « SCELLE JUDICIAIRE-NE PAS OUVRIR »
- Text length 21 cm
- Recommended for large volumes

Cat. No.	Description	€/ roll
784001	Red adhesive seal–roll from 100 m x 3 cm	N/A -



Printed labels for microtubes

- For microtubes or small diameter tubes
- Adhesives
- Can be used from - 20 °C to + 80 °C
- In a dispenser of 500 labels

Cat. No.	Description	€ the roll of 500
442125	"Biohazard" Label	N/A -
442126	"Radioactive" Label	N/A -
442127	"Corrosive" Label	N/A -
442128	"Freeze" Label	N/A -
442129	"Toxic" Label	N/A -

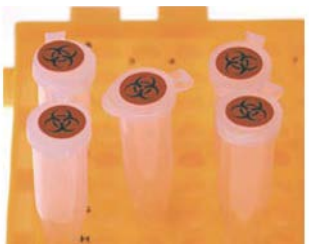


Round labels printed with safety symbols

Tough- Spots PVC labels.

- Diameter 9.5 mm
- For microtubes from 0.5 ml to 1.5 ml
- With "Radioactive" or "Biohazard" marking

Cat. No.	Description	€ the roll of 1000
053391	Tough-Spot marking "Biohazard"	N/A -
053395	Tough-Spot marking "Radioactif"	N/A -





Biohazard label

Cat. No.	Colours	Dimensions L x W (mm)	Units/ box	€/ box
140279	Fluorescent red	12.7 x 50.8	250	N/A -
950138	Fluorescent red	25.4 x 25.4	1000	N/A -
950139	Fluorescent red	76.2 x 50.8	250	N/A -
950164	Fluorescent red	127 x 127	250	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

RADIOACTIVITY LABELS

Ribbons with radioactivity symbol



- Tape with radioactivity symbol
- Red print on yellow background

Cat. No.	Description	Width (mm)	Length (m)	€ the roll
140272	Radioactivity adhesive tape	13	55	N/A -
140273	Radioactivity adhesive tape	25	55	N/A -

Adhesive tapes with radioactivity symbol and hazard warning



140274



950169



041080



950168



950170

Cat. No.	Width (mm)	Length (m)	Phrase	Printing	€
140274	25	55	«Attention matériel radioactif» + marking area: isotope / date / Cat. No.	Yellow background / Red text	N/A -
950169	19	12.7	«Caution radioactive material» + marking area: isotope / date / Cat. No.	Yellow background / Red text	N/A -
041080	25	66	«Danger radioactive material»	Orange background / Black text	N/A -
950168	25	55	«Caution radioactive material»	Yellow background / Red text	N/A -
950170	13	12.7	"Radioactive"	Yellow background / Red text	N/A -

Safety labels



- Laminated polyester labels
- Roll of 250 labels
- Symbol Biohazard or Radioactivity

«Biohazard» Label			«Radioactivité» Label		
Cat. No.	Dimensions (mm)	€ the roll	Cat. No.	Dimensions (mm)	€ the roll
834428	25 x 22	N/A -	834435	25 x 22	N/A -
810925B	50 x 43	N/A -	834434	50 x 43	N/A -
834429	87 x 100	N/A -	834433	87 x 100	N/A -

Radioactivity symbol labels



Round adhesive labels with radioactivity symbol for marking microtubes, tubes, glassware.

- ø: 6.3 mm
- Roll of 1000 labels

Cat. No.	Description	€ the roll
045901	Radioactivity symbol labels	N/A -

GHS labels for hazardous products (NF compliant)

GHS pictograms are available on continuous rolls and in individual cuts.

- **Material: laminated polyester B-7541**
- **Rolls of 250 pictograms size 50 x 50 mm and 100 x 100 mm in both layouts**
- **Resistant to chemicals, temperature (-40 °C to +120 °C), rain, UV, scratches and abrasion**
- **Indoor or outdoor use**



Composition of Cat. No. 814013
Assortment of mini pictograms:

- 11 x Explosive materials
- 16 x Flammable solids
- 11 x Oxidising materials
- 11 x Gases under pressure
- 11 x Danger of cutaneous sensitivity - inhalation
- 11 x Danger to the aquatic environment
- 11 x CMR Carcinogenic, mutagenic and reprotoxic risks
- 11 x Corrosive materials
- 11 x Toxic materials



Explosive materials | Flammable solids | Oxidising materials | Gases under pressure



Danger of cutaneous sensitivity - inhalation | Danger to the aquatic environment | CMR Carcinogenic, mutagenic and reprotoxic risks | Corrosive materials



Toxic materials

All these symbols comply with the new GHS regulation, which was adopted by the Council of Europe on 28/11/08, and published in the Official Journal on 31/12/08.
It comes into force from 20/01/09, but the mandatory dates for implementation are:
- 1 December 2010 for purely chemical substances
- 1 June 2015 for substances composed of chemicals.

GHS will replace the HSID labelling system.

	On sheets				On rolls			
	Dim. (mm) 10 x 10	Dim. (mm) 40 x 40	Dim. (mm) 70 x 70	Dim. (mm) 100 x 100	Dimensions (mm) 50 x 50		Dimensions (mm) 100 x 100	
Type	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Cat. No.**	**Roll**	**Pre-cut**	**Roll**	**Pre-cut**
Explosive materials	**814014**	**811680**	**811682**	**811678**	**811681**	**814032**	**814023**	**811679**
Flammable solids	**814015**	**811685**	**811687**	**811683**	**811686**	**814033**	**814024**	**811684**
Oxidising materials	**814016**	**811690**	**811692**	**811688**	**811691**	**814034**	**814025**	**811689**
Gases under pressure	**814017**	**811695**	**811697**	**811693**	**811696**	**814035**	**814026**	**811694**
Danger of cutaneous sensitivity - inhalation	**814018**	**811700**	**811702**	**811698**	**811701**	**814036**	**814027**	**811699**
CMR Carcinogenic, mutagenic and reprotoxic risks	**814020**	**811710**	**811712**	**811708**	**811711**	**814038**	**814029**	**811709**
Corrosive materials	**814021**	**811715**	**811717**	**811713**	**811716**	**814039**	**814030**	**811714**
Toxic materials	**814022**	**811720**	**811722**	**811718**	**811721**	**814040**	**814031**	**811719**
Danger to the aquatic environment	**814019**	**811705**	**811707**	**811703**	**811706**	**814037**	**814028**	**811704**
Packaging unit	1 plate of 96	1 plate of 20	1 plate of 6	1 plate of 4	250	250	250	250
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Mini pictograms on sheets - pictograms in 10 x 10 mm.

Cat. No.	Type	Number of labels	€
814013*	Set of mini pictograms	104	**N/A -**

*See composition above.

Brady Pictograms

Adhesive polyester safety labels.

First aid labels - ISO signage

	Dimensions 100 x 100 mm	Dimensions 148 x 148 mm	Dimensions 200 x 200 mm
Type	**Cat. No.**	**Cat. No.**	**Cat. No.**
First aid	**814545**	**834207**	**814547**
Safety shower	**814450**	**814451**	**814452**
Sales unit	1	1	1
€	**N/A -**	**N/A -**	**N/A -**



First Aid



Safety shower

Obligation labels - NF standard

	ø 100 mm	ø 200 mm
Type	**Cat. No.**	**Cat. No.**
Protective glasses	**818420**	**912766**
Opaque protective glasses	**167382B**	**818868**
Cotton blouses	**806870**	**806873**
Wearing overshoes	-	**167388**
Sales unit	1	1
€	**N/A -**	**N/A -**



Special glasses required



Cotton lab coats required



Shoe covers wearing required



Other NF-compliant pictograms: see next page

All prices are indicative and exclude VAT. Visit www.dulis.nl

BRADY Pictograms (according to NF EN ISO 7010)

Danger labels

- **Permanent pressure sensitive adhesive, laminated polyester**
- **Presentation: on sheet**
- **Resistant to many chemicals and solvents**
- **Adheres to low surface energy substrates such as polypropylene and ABS, as well as to most powder coatings**


General sign


Laser radiation


Magnetic field


Electricity


Hot area


Explosive atmosphere

TIP



Find out more about www.dulis.nl the visuals of the other pictograms

Type	Side L. 50 mm Cat. No.	Side L. 100 mm Cat. No.	Side L. 200 mm Cat. No.	Side L. 315 mm Cat. No.
General signal	834269	834270	834271	834272
Explosive materials	834273	834274	814419	834275
Radioactive materials or ionising radiation	834276	834277	834194	834278
Laser radiation	834279	834193	814481	834280
Non-ionising radiation	834281	834282	834283	834284
Magnetic field	834285	834286	834287	834288
Biohazard	940152	834195	827652	834289
Low temperatures, freezing conditions	814493	834196	814557	834290
Electricity	834291	834292	834293	834294
Toxic materials	834295	834197	834296	834297
Hot surface	834189	834298	834299	834300
Flammable materials	912785	912786	912787	912788
Corrosive substances	834301	834198	834302	834303
Optical radiation	834304	834305	834306	834307
Oxidising substances	834308	834199	834309	834310
Harmful or irritating materials	167435	167436	167437	834268
Explosive atmosphere	810881	810882	810885	810888
Packaging unit	7	3	1	1
€	N/A -	N/A -	N/A -	N/A -

Prohibition labels

TIP



Panels available in other dimensions and materials (PVC and aluminium): consult us.


No entry for unauthorised persons

Type	100 mm ø Cat. No.	200 mm ø Cat. No.
No entry for unauthorised persons	810862	810865
Packaging unit	1	1
€	N/A -	N/A -

Overview of Brady labelling systems


BMP 21 Lab Label Printer


BMP 71


i3300


BMP 51


BBP 12


i5100

Models	BMP 21 Lab	BMP 51	BMP 71	BBP 12	i3300	i5100, i7100
Connectable to PC/ Standalone	Standalone	Standalone & Connectable to PC	Standalone & Connectable to PC	Connectable to PC	Connectable to PC	Connectable to PC
Portable	Portable	Portable	Portable	Bench printer	Bench printer	Bench printer
Software for labelling	-	Brady Workstation	Brady Workstation	Brady Workstation	Brady Workstation	Brady Workstation
Continuous consumable / pre-cut	Continuous	Continuous & pre-cut	Continuous & pre-cut	Continuous & pre-cut	Continuous & pre-cut	Continuous & pre-cut
Cartridge / Tape Roll	Cartridge	Cartridge	Labels on roll with separate tape	Labels on roll with separate tape	Labels on a roll with separate tape	Labels on roll with separate tape
Max. label height	19 mm	38.10 mm	50, 80 mm	100 mm	100 mm	100 mm
Resolution	180 dpi	300 dpi	300 dpi	300 dpi	300 dpi	300 dpi to 600 dpi
Applications	Labels for laboratories: tubes tube trays, coverslips	Labels for laboratories: tubes tube trays, coverslips, straws, tube caps	Labels for laboratories: tubes tube trays, coverslips, straws, tube caps	Labels for laboratories: tubes tube trays, coverslips, straws, tube caps	Labels for laboratories: tubes, tube trays, slides, straws, tube caps,	Labels for laboratories: tubes tube trays, coverslips, straws, tube caps

Material guide

Material Brady	Ribbon Series	Temp. (°C)	Applications: Tubes	slide	Flasks	Trays	Pipette	Cassette	ID General	Environment: Freezer	Liquid nitrogen	Autoclavable (121 °C)	Boiling water bath (100 °C)	Low-Profile	Other Qualities: Specific properties
Freezerbondz™ Polyester															
B-490	R-4300 R-7950	-196 to +120	☑		☑	☑			☑	☑	☑	☑	☑	☑	Label material that will adhere to frozen surfaces. The material should wrap around itself slightly
B-492	R-6400	-196 to +120	☑		☑	☑	☑		☑	☑	☑	☑	☑	☑	Label material that will adhere to frozen surfaces.
Nylon fabric															
B-499	R-4300 R-7950 R-6000	-196 to +90	☑		☑	☑			☑	☑	☑				Permanent adhesive, excellent writing capabilities
Paper															
B-424	R-4300 R-7950	-90 to +50		☑											Permanent adhesive; good contrast; excellent writing capabilities
Polyester															
B-423	R-6000 (colour)	-80 to +120				☑			☑	☑			☑		Permanent acrylic adhesive; ideal for flat surfaces
B-430	R-6000	-80 to +100				☑			☑	☑			☑		Polyester with permanent acrylic adhesive. Resistant to many solvents and can be applied to many surfaces.
B-432	R-6000	-80 to +100				☑			☑	☑		☑			Polyester with permanent acrylic adhesive. Resistant to many solvents and can be applied to many surfaces.
B-433	R-6000	-40 to +100							☑	☑		☑			
B-461	R-4300 R-7950	-196 to +130	☑		☑		☑			☑	☑	☑	☑	☑	Permanent adhesive; suitable for liquid nitrogen applications. Excellent writing skills. Requires overlapping label ends for a perfect fit.
B-7425	R-4300 R-7950	-196 to +130	☑		☑		☑			☑	☑	☑	☑	☑	Permanent adhesive; suitable for liquid nitrogen applications. Excellent writing skills. Requires overlapping label ends for a perfect fit.
B-482	R-6400	-80 to +130						☑		☑		☑	☑		In combination with the R6400 ribbon, this material offers the high print quality and resistance to paraffin and solvents required in the field of histology and ana-path. In combination with the BSP31 Cassette Label Heat Seal System, this material offers very high tear resistance.
B-488	R-4300 R-6200 R-7950	-80 to +120	☑	☑	☑	☑			☑	☑		☑	☑		Permanent acrylic adhesive; ideal for flat surfaces; excellent writing capabilities; excellent solvent resistance and xylene resistance
B-8423	R-4300 R-7950	-80 to +120				☑			☑	☑			☑		THT with permanent acrylic adhesive. Semi-gloss finish; excellent for barcode labels
Polypropylene															
B-425	R-6400	-70 to +100	☑		☑	☑			☑	☑					Excellent solvent resistance (with R6400 rubban)
B-449	R-6400 R-7950	-80 to +90	☑		☑				☑	☑					Repositionable on flat surfaces; excellent writing capabilities
StainerBondz™ Polypropylene															
B-481	R-6400	-80 to +130		☑					☑	☑		☑	☑		Designed for slide identification, and combined with the R-6400 tape, it offers a very high resistance to Xylene type solvents.
Tamper-Resistant Vinyl															
B-351	R-6000	-80 to +120							☑						Tamper-proof film with permanent acrylic adhesive; breaks easily, preventing removal
B-7351	R-6000	-40 to +100													Tamper-proof film with permanent acrylic adhesive; breaks easily, preventing removal
Vinyl															
B-427	R-4300 R-7950	-80 to +70	☑		☑		☑			☑	☑				Permanent acrylic adhesive; self-adhesive; excellent writing capabilities; suitable for liquid nitrogen applications and can be used to identify a frozen tube if the label material is wrapped around itself, as in self-adhesion
B-595	R-6000 (black) R-4400 or R-6900 (colour)	-40 to +82							☑						Very high performance vinyl. Available in white, red, yellow, green, blue, orange, black, grey, brown, gold, purple and transparent.
Vinyl fabric															
B-498	R-6200	-80 to +80	☑	☑	☑	☑		☑	☑	☑		☑	☑		Repositionable on flat surfaces; excellent writing capabilities

Ribbon Guide

Printer / Ribbon size		Printer Ip300		BBP11		BMP71
		110 mm x 300 m	60 mm x 300 m	110 mm x 70 m	65 mm x 70 m	46 mm x 50.8 m
Family	**Material**					
R-4300 / R7950	Wax/Resin	iPR-4307 (065886)	iPR-4302 (066028)	R-7950 (804465)	R-7950 (804467)	M71-R4300 (114548)
Cat. No.		**167858**	**-**	**804465**	**814042**	**167927**
R-6000	Resin	iPR-6007 (065959)	iPR-6000 (066202)	R-6000HF (196516)	-	M71-R6000 (114547)
Cat. No.		**167859**	**167907**	**814492**	**-**	**167926**
R-6400	ResinExternal Resistance to solvents	iPR-6407 (110381)	iPR-6400 (066236)	R-6400 (804778)	R-6400 (804777)	M71-R6400 (114556)
Cat. No.		**167905**	**-**	**804778**	**804777**	**167638**
R-6200	Resin	-	-	-	-	M71-R6200 (114549)
Cat. No.		**-**	**-**	**-**	**-**	**167925**

Composition label Cat. No.

THT - 152 - 489 - 3

Print Type | Label size | Material | Quantity label/ rolls

Composition labels for BBP11 Cat.No.

THT - 152 - 489 - 3 - SC

Print Type | Label size | Mat. | Quantity label/ rolls | Cat. No. ended by SC

All prices are indicative and exclude VAT. Visit www.dulis.nl

BMP21-LAB labeller



- Robust
- 3-line LCD display
- ABC keyboard, graphic library, shortcut keys and function menu for quick label creation
- Symbols commonly used in laboratory
- Long-life rechargeable lithium battery
- Automatic label configuration
- Supplied with neck lanyard, quick start guide and M21-750-7425 labels
- Warranty: 2 years



See the material selection guide page 1247

Cat. No.	Description	€
814354	BMP21-LAB labeller	N/A -
814355	BMP21-LAB* labelling kit	N/A -

* Includes BMP21-LAB labeller, lithium battery, power cable, neck cord, quick start guide, M21-750-7425 labels.

Accessories

Cat. No.	Description	€
110416	220V power adapter	N/A -
814253	Lithium battery	N/A -

Labels for BMP21-LAB

Cat. No.	Description	Width (mm)	Lenght (m)	Cat. No. Brady	€
Polyester labels B-461					
167033	Black on white	9.53	6.4	M21-375-461	N/A -
167034	Black on white	12.7	6.4	M21-500-461	N/A -
167035	Black on white	19.05	6.4	M21-750-461	N/A -
Nylon fabric labels B-499					
167036	Black on white	9.53	4.8	M21-375-499	N/A -
167037	Black on white	12.7	4.8	M21-500-499	N/A -
167038	Black on white	19.05	4.8	M21-750-499	N/A -
Polyester labels B-488					
167039	Black on white	9.53	6.4	M21-375-488	N/A -
167040	Black on white	12.7	6.4	M21-500-488	N/A -
167041	Black on white	19.05	6.4	M21-750-488	N/A -
Polyester labels B-423					
167042	Black on white	9.53	6.4	M21-375-423	N/A -
167043	Black on white	12.7	6.4	M21-500-423	N/A -
167044	Black on white	19.05	6.4	M21-750-423	N/A -
Polyester labels B-430					
167045	Black on transparent	9.53	6.4	M21-375-430	N/A -
167046	Black on transparent	12.7	6.4	M21-500-430	N/A -
167047	Black on transparent	19.05	6.4	M21-750-430	N/A -
Polypropylene labels B-7425					
814356	Black on white	9.53	6.4	M21-375-7425	N/A -
814357	Black on white	12.7	6.4	M21-500-7425	N/A -
814358	Black on white	19.05	6.4	M21-750-7425	N/A -

Labels for BMP21-LAB

Cat. No.	Description	Width (mm)	Lenght (m)	Cat. No. Brady	€
Vinyl labels B-595					
167051	White on blue	9.53	6.4	M21-375-595-BL	N/A -
167056	White on blue	12.7	6.4	M21-500-595-BL	N/A -
167061	White on blue	19.05	6.4	M21-750-595-BL	N/A -
814256	White on brown	9.53	6.4	M21-375-595-BR	N/A -
814257	White on brown	12.7	6.4	M21-500-595-BR	N/A -
814258	White on brown	19.05	6.4	M21-750-595-BR	N/A -
814259	White on black	9.53	6.4	M21-375-595-BK	N/A -
814260	White on black	12.7	6.4	M21-500-595-BK	N/A -
814261	White on black	19.05	6.4	M21-750-595-BK	N/A -
167054	White on red	9.53	6.4	M21-375-595-RD	N/A -
167059	White on red	12.7	6.4	M21-500-595-RD	N/A -
167064	White on red	19.05	6.4	M21-750-595-RD	N/A -
167052	White on green	9.53	6.4	M21-375-595-GN	N/A -
167057	White on green	12.7	6.4	M21-500-595-GN	N/A -
167062	White on green	19.05	6.4	M21-750-595-GN	N/A -
814262	White on purple	9.53	6.4	M21-375-595-PL	N/A -
814263	White on purple	12.7	6.4	M21-500-595-PL	N/A -
814264	White on purple	19.05	6.4	M21-750-595-PL	N/A -
814265	Black on white	6.35	6.4	M21-250-595-WT	N/A -
167048	Black on white	9.53	6.4	M21-375-595-WT	N/A -
167049	Black on white	12.7	6.4	M21-500-595-WT	N/A -
167050	Black on white	19.05	6.4	M21-750-595-WT	N/A -
814266	Black on grey	9.53	6.4	M21-375-595-GY	N/A -
814267	Black on grey	12.7	6.4	M21-500-595-GY	N/A -
814268	Black on grey	19.05	6.4	M21-750-595-GY	N/A -
814269	Black on yellow	6.35	6.4	M21-250-595-YL	N/A -
167055	Black on yellow	9.53	6.4	M21-375-595-YL	N/A -
167060	Black on yellow	12.7	6.4	M21-500-595-YL	N/A -
167065	Black on yellow	19.05	6.4	M21-750-595-YL	N/A -
167053	Black on orange	9.53	6.4	M21-375-595-OR	N/A -
167063	Black on orange	19.05	6.4	M21-750-595-OR	N/A -

BMP51 Printer

- Compact printer for continuous or label printing
- With keyboard and display
- Max. label length: 38.10 mm
- Maximum of 250 labels/day
- A cartridge with integrated ribbon
- Stand-alone operation or via a PC
- Integrated cutter
- Warranty: 2 years



814077

Accessories

Cat. No.	Description	€
814187	Magnetic holder	N/A -
814083	Hard case	N/A -
167924	Battery charger 220v (EUROPE)	N/A -
814085	Additional Li-Ion battery	N/A -
814087	Additional Li-Ion battery + 220 v charger	N/A -
814088	Case for 8 AA batteries	N/A -
814091	Ethernet card	N/A -

Printer kits

Cat. No.	Description	€
814077	BMP51 Printer*	N/A -
834204	BMP51 Lab Printer Kit* with Brady Workstation	N/A -
834664	BMP51 printer pack + LABS suite	N/A -

* Lab Kit: BMP51 + + Brady Workstation Basic + M-122-461 + M-131-499 + MC-1500-595-WT-BK



Other labels for BMP51 next page

Labels for BMP51

Figure	Cat. No.	Description	Width (mm) A	Height B	Length (mm) C	Cat. No. Brady	Quantity	€
		White polyester labels B-422						
1	**814094**	Labels	12.7	12.7 mm	-	M-7-422	280	**N/A -**
2	**814188**	Continuous label	9.53	7.62 m	-	MC-375-422	-	**N/A -**
2	**814189**	Continuous label	12.07	7.62 m	-	MC-475-422	-	**N/A -**
2	**814190**	Continuous label	12.7	7.62 m	-	MC-500-422	-	**N/A -**
2	**814191**	Continuous label	25.4	7.62 m	-	MC-1000-422	-	**N/A -**
1	**814095**	Labels	25.4	12.7 mm	-	M-17-422	480	**N/A -**
1	**814097**	Labels	38.1	12.7 mm	-	M-29-422	180	**N/A -**
		Clear polyester labels						
1	**814099**	Labels	25.4	12.7 mm	-	M-17-432-CL-BK	280	**N/A -**
		Self-protected polyester labels B-461 for liquid nitrogen in white polyester						
2	**814100**	Continuous label (without transparent part)	9.53	7.62 m	-	MC-375-461	-	**N/A -**
3	**814101**	Labels with transparent self-laminating	41.91	12.7 mm	19.05	M-124-461	180	**N/A -**
3	**814102**	Labels with transparent self-laminating	44.45	12.7 mm	19.05	M-72-461	180	**N/A -**
3	**814103**	Labels with transparent self-laminating	55.88	12.7 mm	19.05	M-74-461	140	**N/A -**
2	**814104**	Continuous label (without transparent part)	12.7	7.62 m	-	MC-500-461	-	**N/A -**
3	**814105**	Labels with transparent self-laminating	45.72	15.24 mm	25.4	M-126-461	180	**N/A -**
3	**814106**	Labels with transparent self-laminating	66.68	15.24 mm	25.4	M-86-461	120	**N/A -**
3	**814107**	Labels with transparent self-laminating	44.45	25.4 mm	25.4	M-125-461	180	**N/A -**
3	**814108**	Labels with transparent self-laminating	66.68	9.53 mm	25.4	M-75-461	120	**N/A -**
2	**814109**	Continuous label (without transparent part)	25.4	7.62 m	-	MC-1000-461	-	**N/A -**
3	**814115**	Labels with transparent self-laminating	28.58	9.53 mm	19.05	M-123-461	360	**N/A -**
3	**814110**	Labels with transparent self-laminating	28.58	12.7 mm	19.05	M-122-461	360	**N/A -**
2	**814111**	Continuous strip (without transparent part)	31.75	7.62 m	-	MC-1250-461	-	**N/A -**
3	**814114**	Labels with transparent self-laminating	57.15	38.10 mm	31.75	M-129-461	140	**N/A -**
3	**814113**	Labels with transparent self-laminating	95.25	38.1 mm	31.75	M-119-461	80	**N/A -**
		White adhesive reinforced polyester labels						
1	**814116**	Labels with reinforced adhesive	12.7	50.8 mm	-	M-61-483	80	**N/A -**
1	**814117**	Labels with reinforced adhesive	25.4	12.7 mm	-	M-17-483	480	**N/A -**
1	**814118**	Labels with reinforced adhesive	50.8	25.4 mm	-	M-20-483	140	**N/A -**
		White matt polyester labels B-488						
1	**814119**	Matte labels	6.35	48.26 mm	-	M-81-488	160	**N/A -**
1	**814120**	Matte labels	22.86	22.86 mm	-	M-97-488	280	**N/A -**
		Polypropylene labels B-481						
1	**814270**	Labels	22.86	19.05	-	M-194-481	320	**N/A -**
1	**814271**	Labels	25.4	19.53	-	M-195-481	320	**N/A -**
1	**814272**	Labels	22.86	22.86	-	M-97-481	280	**N/A -**
		White polyester labels freezerbondz						
1	**814121**	White polyester labels for cryogenics B-490	41.91	12.7	-	M-124-490	180	**N/A -**
1	**814122**	White polyester labels for cryogenics B-490	45.72	15.24	-	M-126-490	180	**N/A -**
1	**814123**	White polyester labels for cryogenics B-490	44.45	25.4	-	M-125-490	180	**N/A -**
1	**814124**	White polyester labels for cryogenics B-490	31.75	9.53	-	M-112-490	360	**N/A -**
1	**814125**	White polyester labels for cryogenics B-490	55.88	38.1	-	M-113-490	140	**N/A -**
1	**814126**	White polyester labels for cryogenics B-490	95.25	38.1	-	M-114-490	80	**N/A -**
5	**814127**	White polyester labels for cryogenics B-492	9.53	9.53	-	M-82-492	240	**N/A -**
1	**814128**	White polyester labels for cryogenics B-492	20.96	9.53	-	M-130-492	220	**N/A -**
4	**814131**	White polyester labels for cryogenics B-492	25.4	9.53	-	M-118-492	240	**N/A -**
1	**814129**	White polyester labels for cryogenics B-492	25.4	12.7	-	M-131-492	180	**N/A -**
4	**814132**	White PE labels for cryogenics B-492 tube + cap	25.4	12.7 + ø 9.5	-	M-120-492	240	**N/A -**
4	**814133**	White PE labels for cryogenics B-492 tube + cap	25.4	12.7 + ø 11.2	-	M-117-492	240	**N/A -**
1	**814130**	White polyester labels for cryogenics B-492	22.86	25.4	-	M-156-492	180	**N/A -**
1	**814134**	White polyester labels for cryogenics B-492	25.4	48.26	-	M-78-492	100	**N/A -**
-	**814338**	Labels	41.28	15.24	9.53	M-95-492	200	**N/A -**
1	**814339**	Labels	31.75	9.53		M-112-492	360	**N/A -**
1	**814340**	Labels	41.91	12.7		M-124-492	180	**N/A -**
1	**814341**	Labels	44.45	25.4		M-125-492	180	**N/A -**
5	**814342**	Labels	12.7			M-83-492	240	**N/A -**
2	**814343**	Labels	7.62	12.7		MC-500-492	1	**N/A -**
1	**814344**	Labels	31.75	6.35		M155-492	180	**N/A -**
		White polyester labels B-422						
1	**814278**	Labels	25.4	25.4	-	M-49-422	260	**N/A -**
1	**814280**	Labels	19.05	38.1	-	M-90-422	180	**N/A -**

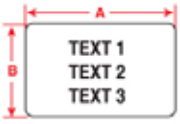


Fig.1

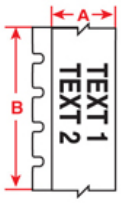


Fig.2

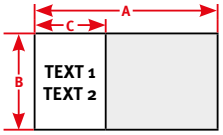


Fig.3

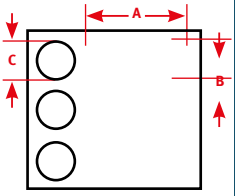


Fig.4

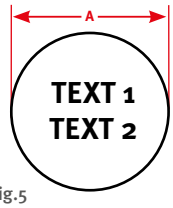


Fig.5

Other colours available: consult us



Other labels for BMP51 next page

All prices are indicative and exclude VAT. Visit www.dulis.nl

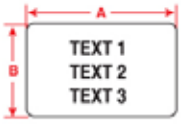


Fig.1

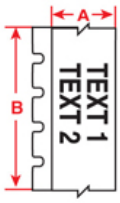


Fig.2

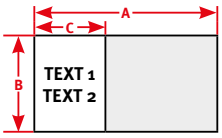


Fig.3

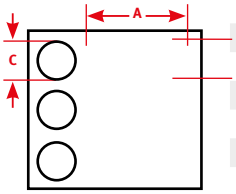


Fig.4

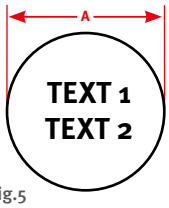


Fig.5

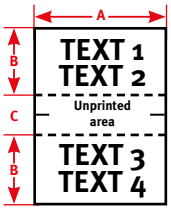


Fig.6

Labels for BMP51

Figure	Cat. No.	Description	Colour	Width (mm) A	Height B	Length (mm) C	Cat. No. Brady	Quantity	€
		Ultra-destructible vinyl labels B-351, in white vinyl							
1	**814093**	Ultra-destructible labels	White	25.4	12.7 mm	-	M-17-351	360	**N/A -**
		Continuous strip and white vinyl labels B-498							
2	**814135**	Label	White	6.1	4.88 m	-	MC-240-498	-	**N/A -**
2	**814136**	Label	White	8.08	4.88 m	-	MC-318-498	-	**N/A -**
2	**814137**	Label	White	9.53	4.88 m	-	MC-375-498	-	**N/A -**
1	**814138**	Labels	White	12.7	12.7 mm	-	M-7-498	240	**N/A -**
1	**814139**	Labels	White	12.7	19.05 mm	-	M-11-498	220	**N/A -**
1	**814141**	Labels	White	25.4	12.7 mm	-	M-131-498	180	**N/A -**
1	**814142**	Labels	White	19.05	25.4 mm	-	M-18-498	180	**N/A -**
1	**814143**	Labels	White	25.4	25.4 mm	-	M-19-498	160	**N/A -**
1	**814144**	Labels	White	25.4	38.1 mm	-	M-31-498	120	**N/A -**
1	**814145**	Labels	White	25.4	48.26 mm	-	M-78-498	100	**N/A -**
1	**814146**	Labels	White	25.4	31.75 mm	-	M-103-498	160	**N/A -**
		B-595 high performance vinyl labels, various colours (orange, white, yellow)							
2	**814163**	Continuous label with black writing	White	12.7	6.1 m	-	MC-500-595-CL-BK	-	**N/A -**
2	**814164**	Continuous label with black writing	White	25.4	6.1 m	-	MC-1000-595-CL-BK	-	**N/A -**
2	**814165**	Continuous label with black writing	White	38.1	6.1 m	-	MC-1500-595-CL-BK	-	**N/A -**
2	**814166**	Continuous label with black writing	Orange	12.7	7.62 m	-	MC-500-595-OR-BK	-	**N/A -**
2	**814167**	Continuous label with black writing	Orange	25.4	7.62 m	-	MC-1000-595-OR-BK	-	**N/A -**
2	**814168**	Continuous label with black writing	Orange	38.1	7.62 m	-	MC-1500-595-OR-BK	-	**N/A -**
2	**814169**	Continuous label with black writing	White	12.7	7.62 m	-	MC-500-595-WT-BK	-	**N/A -**
2	**814170**	Continuous label with black writing	White	25.4	7.62 m	-	MC-1000-595-WT-BK	-	**N/A -**
2	**814171**	Continuous label with black writing	White	38.1	7.62 m	-	MC-1500-595-WT-BK	-	**N/A -**
2	**814172**	Continuous label with black writing	Yellow	12.7	7.62 m	-	MC-500-595-YL-BK	-	**N/A -**
2	**814173**	Continuous label with black writing	Yellow	25.4	7.62 m	-	MC-1000-595-YL-BK	-	**N/A -**
2	**814174**	Continuous label with black writing	Yellow	38.1	7.62 m	-	MC-1500-595-YL-BK	-	**N/A -**
2	**814175**	Continuous label with red writing	White	12.7	7.62 m	-	MC-500-595-WT-RD	-	**N/A -**
2	**814176**	Continuous label with red writing	White	25.4	7.62 m	-	MC-1000-595-WT-RD	-	**N/A -**
2	**814177**	Continuous label with red writing	White	38.1	7.62 m	-	MC-1500-595-WT-RD	-	**N/A -**
2	**814178**	Continuous label with white writing	Blue	12.7	7.62 m	-	MC-500-595-BL-WT	-	**N/A -**
2	**814179**	Continuous label with white writing	Blue	25.4	7.62 m	-	MC-1000-595-BL-WT	-	**N/A -**
2	**814180**	Continuous label with white writing	Blue	38.1	7.62 m	-	MC-1500-595-BL-WT	-	**N/A -**
2	**814181**	Continuous label with white writing	Green	12.7	7.62 m	-	MC-500-595-GN-WT	-	**N/A -**
2	**814182**	Continuous label with white writing	Green	25.4	7.62 m	-	MC-1000-595-GN-WT	-	**N/A -**
2	**814183**	Continuous label with white writing	Green	38.1	7.62 m	-	MC-1500-595-GN-WT	-	**N/A -**
2	**814184**	Continuous label with white writing	Red	12.7	7.62 m	-	MC-500-595-RD-WT	-	**N/A -**
2	**814185**	Continuous label with white writing	Red	25.4	7.62 m	-	MC-1000-595-RD-WT	-	**N/A -**
2	**814186**	Continuous label with white writing	Red	38.1	7.62 m	-	MC-1500-595-RD-WT	-	**N/A -**
		B-595 high performance vinyl labels, various colours (orange, white, yellow, green, blue, red)							
6	**814275**	Continuous label with white writing	Black	25.4	7.62 m	-	MC1-1000-595-BK-WT	-	**N/A -**
6	**814276**	Continuous label with white writing	Transp.	25.4	6.09 m	-	MC1-1000-595-CL-WT	-	**N/A -**
		Nylon fabric labels B-499, various colours (orange, white, yellow)							
5	**814147**	Labels (Fig. 1)	Orange	ø 9.53	-	-	M-82-499-OR-BK	240	**N/A -**
5	**814359**	Labels	Red	ø 9.53	-	-	M-82-499-RD-BK	240	**N/A -**
5	**814148**	Labels (Fig. 1)	White	ø 9.53	-	-	M-82-499	240	**N/A -**
5	**814149**	Labels (Fig. 1)	White	ø 12.7	-	-	M-83-499	240	**N/A -**
5	**814150**	Labels (Fig. 1)	Yellow	ø 9.53	-	-	M-82-499-YL-BK	240	**N/A -**
5	**814151**	Labels (Fig. 1)	Yellow	ø 12.7	-	-	M-83-499-YL-BK	240	**N/A -**
5	**814273**	Labels	Orange	ø 12.7	-	-	M-83-499-OR-BK	240	**N/A -**
5	**814274**	Labels	Red	ø 12.7	-	-	M-83-499-RD-BK	240	**N/A -**
5	**814156**	Cap labels + Tube (Fig. 2)	White	25.4	9.5 + ø 9.5	-	M-118-499	240	**N/A -**
1	**814152**	Labels	White	20.96	9.53	-	M-130-499	220	**N/A -**
1	**814154**	Labels	White	19.05	12.7	-	M-11-499	220	**N/A -**
1	**814153**	Labels	White	25.4	12.7	-	M-131-499	180	**N/A -**
4	**814157**	Cap labels + Tube (Fig. 2)	White	25.4	12.7	11.18	M-117-499	240	**N/A -**
4	**814158**	Cap labels + Tube (Fig. 2)	White	25.4	12.72 + ø 9.53	-	M-120-499	240	**N/A -**
6	**814161**	Cloth labels for cable flags (central area 6.35 mm) (Fig. 3)	White	38.1	12.7	6.35	M-152-499	160	**N/A -**
6	**814159**	Labels for cable flags (central area 6.35 mm) (Fig. 3)	White	25.4	25.4	6.35	M-151-499	90	**N/A -**
1	**814162**	Labels	White	31.75	38.1	-	M-132-499	160	**N/A -**
1	**814160**	Labels	White	48.26	25.4	-	M-78-499	100	**N/A -**

Other colours available: consult us



Other labels for BMP51 next page

Labels for BMP51

Figure	Cat. No.	Description	Colour	Width (mm) A	Height (mm) B	Length (mm) C	Cat. No. Brady	Quantity	€
		Self-adhesive vinyl labels B-427							
7	**814281**	Labels	White	25.4	19.05	9.53	M-136-427	340	**N/A -**
7	**814282**	Labels	White	25.4	12.7	9.53	M-47-427	360	**N/A -**
7	**814351**	Labels	White	25.4	19.05	9.53	M-48-427	200	**N/A -**
7	**814352**	Labels	White	25.4	25.4	9.53	M-49-427	260	**N/A -**
7	**814283**	Labels	White	25.4	63.5	19.05	M-51-427	110	**N/A -**
7	**814284**	Labels	White	25.4	101.6	25.4	M-53-427	70	**N/A -**
7	**814285**	Labels	White	6.35	27.94	-	M-135-427-AW	240	**N/A -**
7	**814286**	Labels	White	25.4	31.8	12.7	M-143-427	200	**N/A -**
7	**814287**	Labels	White	12.7	38.1	12.7	M-89-427	180	**N/A -**
7	**814288**	Labels	White	19.05	38.1	12.7	M-90-427	180	**N/A -**
7	**814252**	Labels	White	25.4	38.1	12.7	M-91-427	180	**N/A -**
7	**814289**	Labels	Yellow	25.4	63.5	19.05	M-51-427-YL	110	**N/A -**
7	**814290**	Labels	Yellow	25.4	101.6	25.4	M-53-427-YL	70	**N/A -**
7	**814291**	Labels	Yellow	25.4	38.1	12.7	M-91-427-YL	180	**N/A -**

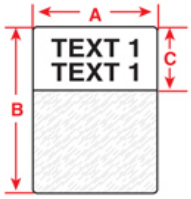


Fig.7

BMP71 Printer

The BMP71 printer is delivered with:
- aC adapter (which also doubles as a battery charger) and USB cable;
- adapter for TLS label rolls;
- transport case with cleaning kit and instructions;
- an M71-R6000 ink ribbon;
- two rolls of labels (M71C-2000-595-WT (white vinyl continuous strip), and M71-19-423 (white polyester label 25 x 25 mm).

➤ **Robust thermal transfer printer**

➤ **PC connectable with LabelMark software, stand-alone with Azerty keyboard**

➤ **Large colour and graphic display; on-screen indicators for:**
- **the number of labels installed**
- **the size and colour of the label**
- **the number of labels remaining on the roll**
- **the battery level**
- **the label and area status**
- **the current text size and rotation**

➤ **Warranty: 2 years**



Cat. No.	Description	€
834666	Printer BMP71 + LABS suite	**N/A -**

See material selection guide on page 1247

Ribbons

Cat. No.	Description	€
167638	Printer ribbon M71-R6400 black RC	**N/A -**
167925	Printer ribbon M71-R6200 black RC	**N/A -**
167926	Printer ribbon M71-R6000 black RC	**N/A -**
167927	Printer ribbon M71-R4300 black RC	**N/A -**



Labels for BMP71 on the following pages

All prices are indicative and exclude VAT. Visit www.dulis.nl

Labels for Brady BMP71 printer

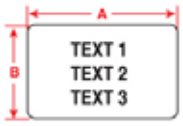


Fig.1

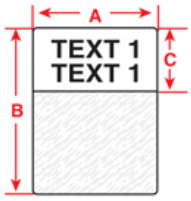


Fig.7

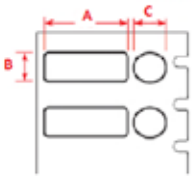


Fig.8

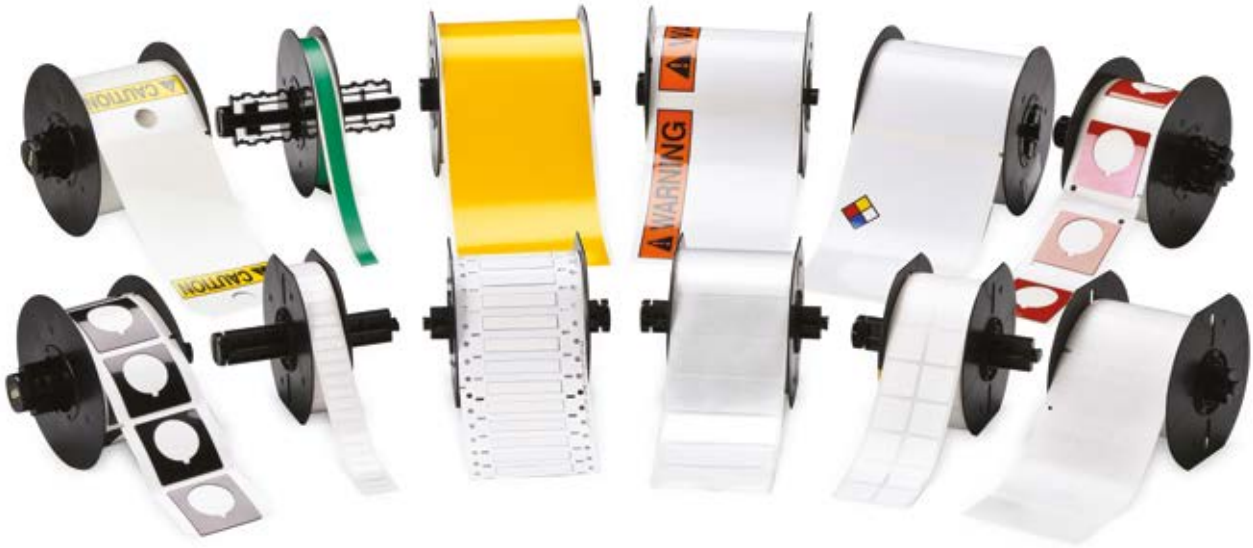
Labels for BMP71

Figure	Cat. No.	Description	Colour	Width (mm) A	Height (mm) B	Length (mm) C	Cat. No. Brady	Quantity	€
		Vinyl labels B-351							
	814301	Labels	White	25.4	12.7	-	M71-17-351	500	**N/A -**
	814302	Labels	White	50.8	25.4	-	M71-20-351	100	**N/A -**
		Vinyl labels B-498							
1	**814324**	Labels	White	19.05	25.4	-	M71-18-498	250	**N/A -**
1	**167933**	Label roll	White	25.4	9.5	-	M71-16-498	500	**N/A -**
1	**167935**	Label roll	White	25.4	12.7	-	M71-17-498	500	**N/A -**
1	**167936**	Label roll	White	25.4	25.4	-	M71-19-498	250	**N/A -**
		Polyester labels B-423							
1	**814305**	Labels	White	19.05	6.35	-	M71-10-423	750	**N/A -**
1	**814306**	Labels	White	25.4	4.75	-	M71-14-423	750	**N/A -**
1	**814307**	Labels	White	25.4	25.4	-	M71-19-423	250	**N/A -**
1	**814308**	Labels	White	50.8	6.35	-	M71-2-423	100	**N/A -**
1	**814309**	Labels	White	12.7	5.08	-	M71-5-423	750	**N/A -**
1	**814310**	Labels	White	12.7	6.985	-	M71-6-423	750	**N/A -**
1	**167995**	Labels	White	38.1	25.4	-	M71-31-423	250	**N/A -**
1	**167932**	Label roll	White	25.4	9.5	-	M71-16-423	500	**N/A -**
1	**167937**	Label roll	White	38.1	12.7	-	M71-29-423	500	**N/A -**
1	**167950**	Label roll	White	25.4	12.7	-	M71-17-423	500	**N/A -**
1	**167951**	Label roll	White	50.8	25.4	-	M71-20-423	100	**N/A -**
		Polyester labels B-430							
1	**814312**	Labels	Transp.	25.4	9.52	-	M71-16-430	500	**N/A -**
1	**167934**	Labels	Transp.	25.4	12.7	-	M71-17-430	500	**N/A -**
		Polyester labels B-461							
7	**814313**	Labels	White	15.24	48.26	40	M71-107-461	500	**N/A -**
7	**814314**	Labels	White	25.4	66.68	25.4	M71-115-461	100	**N/A -**
7	**814315**	Labels	White	15.24	41.28	25.4	M71-76-461	500	**N/A -**
7	**814316**	Labels	White	15.24	66.68	15.24	M71-86-461	100	**N/A -**
		Polyester labels B-481							
1	**814317**	Labels	White	22.86	22.86	-	M71-97-481	250	**N/A -**
		Polyester labels B-488							
1	**814318**	Labels	White	48.26	6.35	-	M71-81-488	750	**N/A -**
1	**814319**	Labels	White	22.86	22.86	-	M71-97-488	250	**N/A -**
1	**167953**	Labels	White	19.05	22.86	-	M71-80-488	250	**N/A -**
		Polyester labels B-492							
8	**814321**	Labels	White	25.4	12.7	9.53	M71-118-492	500	**N/A -**
1	**814322**	Labels	White	25.4	12.7	-	M71-17-492	500	**N/A -**
1	**814323**	Labels	White	48.26	25.4	-	M71-78-492	250	**N/A -**
1	**770771**	Labels	White	25.4	9.53	-	M71-16-492	500	**N/A -**
1	**814250**	Labels	White	25.4	25.4	-	M71-19-492	250	**N/A -**
		Nylon labels B-499							
1	**814325**	Labels	White	12.7	19.05	-	M71-11-499	500	**N/A -**
8	**814326**	Labels	White	22.86	12.7	12.7	M71-126-499	500	**N/A -**
1	**814327**	Labels	White	19.05	25.4	-	M71-18-499	250	**N/A -**
1	**814328**	Labels	White	25.4	25.4	-	M71-19-499	250	**N/A -**
1	**814329**	Labels	White	25.4	63.5	-	M71-21-499	100	**N/A -**
1	**814330**	Labels	White	12.7	38.1	-	M71-29-499	500	**N/A -**
1	**814331**	Labels	White	19.05	38.1	-	M71-30-499	250	**N/A -**
1	**814332**	Labels	White	25.4	38.1	-	M71-31-499	250	**N/A -**
1	**814333**	Labels	White	48.26	6.35	-	M71-81-499	750	**N/A -**
1	**814334**	Labels	White	-	-	9.53	M71-82-499	500	**N/A -**
1	**814335**	Labels	White	-	-	12.7	M71-83-499	500	**N/A -**
1	**167949**	Labels	White	9.525	25.4	-	M71-16-499	500	**N/A -**
1	**167952**	Labels	White	48.26	25.4	-	M71-78-499	250	**N/A -**
1	**167954**	Labels	White	22.86	12.7	-	M71-84-499	500	**N/A -**
8	**167955**	Labels	White	12.7	19.05	9.53	M71-98-499	500	**N/A -**
		Freezerbondz labels B-490							
1	**814320**	Labels	White	41.28	15.24	-	M71-76-490	500	**N/A -**
		Freezerbondz labels B-424							
1	**814311**	Labels	White	50.8	25.4	-	M71-20-424	100	**N/A -**



See material selection guide on page 1247





All prices are indicative and exclude VAT. Visit www.dulis.nl

Brady M611 Printer



- Mobile printer with rechargeable lithium-ion battery
- Monochrome printing
- LCD colour touch screen
- Labels compatible with the M61 ink ribbons range
- Automatic label calibration (Smart Cell technology)
- Connectivity options: Bluetooth, USB, WIFI
- Software compatibility: Brady Workstation
- Print resolution: 300 dpi
- Print speed: up to 33.8 mm/s
- Label width: 6.4 to 50.8 mm
- Label height: 5.99 mm minimum
- Capacity: up to 750 labels/day
- Weight: 1.6 kg
- Printer supplied with USB cable, quick start guide, mains power cable, USB information stick, wrist strap, PTL-97-488 roll and M61-R4310 ink ribbon

Model	M611 Printer + LABS Suite
Cat. No.	834665
€	N/A -

Accessories

Cat. No.	Description	€
834412	Magnets for M611	N/A -
834413	Hard carrying case for M611	N/A -
834414	Soft case for M611	N/A -

Ribbons

Cat. No.	Description	€
814438	Printer ribbon M61-R4310 (50.80 mm x 22.80 m)	N/A -
814449	Printer ribbon M61-R6010 (50.80 mm x 22.80 m)	N/A -
834679	Printer ribbon M61-R6410 (50.80 mm x 22.86 m)	N/A -

Freezerbondz labels in B-492 material for M611 printer

- Adhesion on already frozen tubes (minimum application temperature: - 196 °C)
- Operating temperature: - 196 °C to + 110 °C
- For use with R4300, R6400 range ribbons

Cat. No.	Model	Width (mm)	Height (mm)	Label Ø (mm)	Labels/ roll	€/ roll
834691	M61-156-492	25.4	22.86	-	250	N/A -
834692	M61-120-492	25.4	12.7	9.525	250	N/A -
834693	M61-17-492	25.4	12.7	-	250	N/A -
834694	M61-19-492	25.4	25.4	-	250	N/A -
834695	M61-98-492	25.4	9.53	9.525	500	N/A -
834696	M61-117-492	22.86	12.7	12.7	500	N/A -
834697	M61-204-492	48.26	25.4	-	250	N/A -
834698	M61-130-492	9.53	20.96	-	500	N/A -
834699	M61-82-492	-	-	9.53	500	N/A -
834700	M61-83-492	-	-	12.7	500	N/A -
834701	M61-205-492	41.28	15.24	9.525	250	N/A -
834702	M61-203-492	44.45	25.4	-	250	N/A -
834703	M61-124-492	41.91	12.7	-	500	N/A -



Labels and ribbons for TLS and M611 printers

Labels for TLS and M611 printers

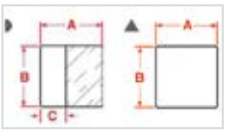
A: width; B: height; C: printable area

Cat. No.	Type	B x A (C) (mm)	Cat. No. Brady	Qty/ roll	€
Coverslips (fig. A)					
167103	s	19.05 x 22.86	PTL-80-424	250	N/A -
167104	s	19.05 x 22.86	PTL-80-488	250	N/A -
167105	s	22.86 x 22.86	PTL-97-488	250	N/A -
167106	w	19.05 x 95.25 (25.40)	PTL-79-461	100	N/A -
Microplates (fig. B)					
167107	s	6.35 x 48.26	PTL-81-488	750	N/A -
167108	s	6.35 x 48.26	PTL-81-499	750	N/A -
167109	s	6.35 x 50.80	PTL-2-423	100	N/A -
Straws (fig. C)					
167110	w	25.40 x 25.40 (9.53)	PTL-19-427	250	N/A -
Sealed bottles (fig. D)					
167112	s	12.70 x 25.40	PTL-17-351	500	N/A -
167113	s	25.40 x 38.10	PTL-31-351	250	N/A -
167114	s	25.40 x 50.80	PTL-20-351	100	N/A -
167115	s	48.26 x 76.20	PTL-37-351	100	N/A -
Microtubes 0.6 ml (fig. E)					
167116	s	12.70 x 19.05	PTL-11-499	500	N/A -
167117	s	12.70 x 22.86	PTL-84-499	500	N/A -
167118	w	12.70 x 55.88 (19.05)	PTL-74-427	100	N/A -
167119	w	12.70 x 55.88 (19.05)	PTL-74-461	100	N/A -
Microtubes 1.5/2 ml (fig. E)					
167117	s	12.70 x 22.86	PTL-84-499	500	N/A -
167120	t	9.53 x 24.50 (ø 9.53)	PTL-98-499	500	N/A -
Tube 4-8 ml (fig. E)					
167121	w	15.24 x 66.68 (25.40)	PTL-86-461	100	N/A -
167122	w	25.40 x 66.68 (25.40)	PTL-75-427	100	N/A -
167123	w	25.40 x 66.68 (25.40)	PTL-75-461	100	N/A -
167124	w	25.40 x 66.68 (25.40)	PTL-75-461YL	100	N/A -
Tubes 2-24 ml (fig. E)					
167125	s	12.70 x 38.10	PTL-29-499	500	N/A -
167126	w	38.10 x 88.90 (31.75)	PTL-77-461	100	N/A -
Microtube caps 0.5 ml (fig. F)					
167127	w	ø 9.53	PTL-82-499	500	N/A -
167128	w	ø 9.53	PTL-82-499YL	500	N/A -
167120	s	9.53 x 24.50 (ø 9.53)	PTL-98-499	500	N/A -
Microtube caps 1.5 ml to 2 ml (fig.F)					
167129	w	ø 12.70	PTL-82-499	500	N/A -
167130	w	ø 12.70	PTL-82-499YL	500	N/A -
0.5 ml microcentrifuge tubes (Fig. G)					
167116	s	12.70 x 19.05	PTL-11-499	500	N/A -
167117	s	12.70 x 22.86	PTL-84-499	500	N/A -
167131	s	9.53 x 25.40	PTL-16-499	500	N/A -
167120	s	9.53 x 24.50 (ø 9.53)	PTL-98-499	500	N/A -
167143	w	9.53 x 45.72 (19.05)	PTL-73-461	500	N/A -
167144	w	12.70 x 45.72 (19.05)	PTL-72-461	500	N/A -
167118	w	12.70 x 55.88 (19.05)	PTL-74-427	100	N/A -
167119	w	12.70 x 55.88 (19.05)	PTL-74-461	100	N/A -
Centrifuge microtubes 1.5 to 2 ml (fig. G)					
167116	s	12.70 x 19.05	PTL-11-499	500	N/A -
167132	w	15.24 x 41.28 (25.40)	PTL-76-461	250	N/A -
167118	w	12.70 x 55.88 (19.05)	PTL-74-427	100	N/A -
167119	w	12.70 x 55.88 (19.05)	PTL-74-461	100	N/A -
167121	w	15.24 x 66.66 (25.40)	PTL-86-461	100	N/A -
15 ml culture tube (fig. H)					
167126	w	38.10 x 88.90 (31.75)	PTL-77-461	100	N/A -
50 ml tube, Petri dishes, microplates (fig. H)					
167133	s	12.70 x 12.70	PTL-7-423	500	N/A -
167134	s	4.75 x 25.40	PTL-14-423	750	N/A -
167135	s	12.70 x 25.40	PTL-17-423	500	N/A -
167125	s	12.70 x 38.10	PTL-29-499	500	N/A -
167136	s	19.05 x 38.10	PTL-30-427AW	250	N/A -
167137	s	19.05 x 38.10	PTL-30-499	250	N/A -
167138	s	25.40 x 38.10	PTL-31-499	250	N/A -
167139	s	25.40 x 48.26	PTL-78-427AW	250	N/A -
167140	s	25.40 x 48.26	PTL-78-499	250	N/A -
167141	s	25.40 x 50.80	PTL-20-423	100	N/A -
167142	s	25.40 x 76.20	PTL-22-423	100	N/A -
Cryotubes and centrifuge tubes (fig. I) - made of matt white polyester Freezer Bondz, suitable for identifying frozen tubes					
167155	s	9.53 x 31.75	PTL-112-490	500	N/A -
167158	s	38.10 x 55.88	PTL-113-490	100	N/A -
167159	s	38.10 x 95.25	PTL-114-490	100	N/A -
167156	s	15.24 x 41.28	PTL-76-490	250	N/A -
167157	s	25.40 x 48.26	PTL-78-490	250	N/A -

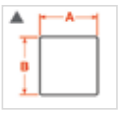
Adapter for PTL labels

Cat. No.	Description	€
814410	PTL adapter for BMP71 (3 units)	N/A -

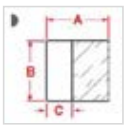




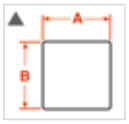




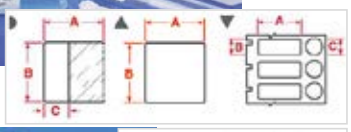


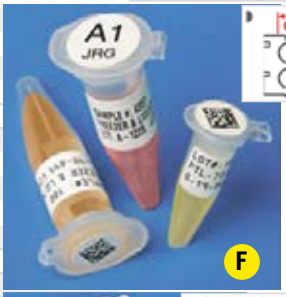


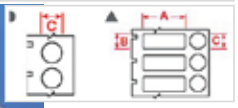




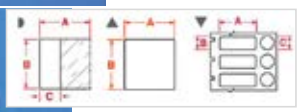




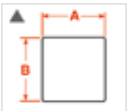




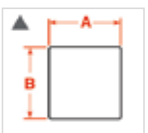












Tapes for TLS

	Ribbon R-4310	Ribbon R-6010	Ribbon R-6210	Ribbon R-4410B blue	Ribbon R-4410R red	Ribbon R-4410W white
Cat. No.	**167019**	**167020**	**167021**	**167022**	**167023**	**167024**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Brady BBP12 Printer



- 300 dpi colour LCD screen
- Barcode type 1D (linear) and 2D
- Stand-alone use with a connected keyboard and peripheral
- Supports Zebra® and Eltron® programming language
- Supplied with external feeder to print larger rolls of labels
- Labels from 10 to 112 mm

Print resolution	300 dpi
Print speed	Up to 100 mm/s
Max. print width (mm)	105.6
Connectivity	USB 2.0, Ethernet as standard
Software compatibility	LabelMark, Codesoft, windows driver for third party software use
Weight (kg)	2.5
Dimensions (L x Dx H) (mm)	202 x 258 x 173
BBP12 Printer + LABS Suite	**834667**
€	**N/A -**

TIP Labels for Brady BBP12 see page 1258



BBP12 with external support

BBP12 Printer Ribbons

Cat. No.	Description	€
804465	Printer ribbon wax/resin R-7950 110 mm x 70 m	**N/A -**
814492	Printer ribbon resin R-6000HF 110 mm x 70 m	**N/A -**
804778	Printer ribbon R-6400 110 mm x 70 m	**N/A -**
814042	Printer ribbon resin R-7950 65 mm x 70 m	**N/A -**
804777	Ribbon R-6400 65 mm x 70 m	**N/A -**

Industrial printer i5100



- Tabletop printer, high speed
- Quick and easy setup
- Printing on a continuous roll or on pre-cut labels
- Wide range of labels and ribbons
- Recognition of print media
- Colour touch screen with remaining consumable quantity indication
- Connectivity: USB, serial, Ethernet, Wi-Fi and Bluetooth options. Numerous standard ports allowing different industrial connection options
- Available in 300 or 600 dpi resolution
- Monochrome printing, up to 5000 labels/day
- Print speed: up to 300 mm/s
- Label width: 5 to 110 mm
- Ribbon width: 9 to 112 mm
- Consumables: IP ribbons and separate THT labels

Ribbons for i5100

Cat. No.	Series	Material	Colours	Properties	Tape width	€/ 300 m tape
834254	IP-R4300	Wax/resin	Black	Good resistance to dirt and chemicals; excellent readability	40 mm	**N/A -**
814041					60 mm	**N/A -**
0066027					83 mm	**N/A -**
167858					110 mm	**N/A -**
834255	IP-R4900	Resin	Black	High resistance to dirt, high temperature, solvents	60 mm	**N/A -**
168101					83 mm	**N/A -**
834257	IP-R6000HF	Resin	Black	Excellent resistance to solvents, heat and scratches. Halogen-free.	40 mm	**N/A -**
167907					60 mm	**N/A -**
834256					83 mm	**N/A -**
167859					83 mm	**N/A -**
834258	IP-R6100	Wax/resin	Black	Extra long life tape for general applications	60 mm	**N/A -**
834259					83 mm	**N/A -**
834260					110 mm	**N/A -**
834263	IP-R6200	Resin	Black	For harsh environments. Superior resistance to heat, abrasion and chemical attack	40 mm	**N/A -**
834261					60 mm	**N/A -**
834262					83 mm	**N/A -**
834264					110 mm	**N/A -**
0066236	IP-R6400	Resin	Black	Extreme temperature and chemical resistance, solvent resistance	60 mm	**N/A -**
167957					83 mm	**N/A -**
167906					40 mm	**N/A -**
167905					110 mm	**N/A -**

Model	Printer i5100 300 dpi + LABS suite
Cat. No.	**834671**
€	**N/A -**

* Printer supplied with: Power Supply Cable, USB Cable, Driver, User Manual, Configuration Manual, RFID Roll Holder, Ribbon Receiving Reel

TIP See the material selection guide page 1247

Labels for Brady IP series and 5100 printers

THT labels on large mandrels

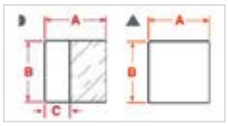
(*external label holder option required)

A: width; B: height; C: printable area

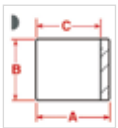
Cat. No.	Type	B x A (C) (mm)	Cat. No. Brady	Qty/ roll	€
0.5 to 0.7 ml microcentrifuge tubes (fig. A)					
167338	s	12.70 x 19.05	THT-68-499-10	10000	**N/A -**
167331	s	9.53 x 25.40	THT-152-499-3	3000	**N/A -**
167313	w	9.53 x 45.72 (19.05)	THT-123-461-3	3000	**N/A -**
167312	w	12.70 x 45.72 (19.05)	THT-123-461-3	3000	**N/A -**
167316	w	12.70 x 55.88 (19.05)	THT-127-427-3	3000	**N/A -**
167146	w	12.70 x 55.88 (19.05)	THT-127-461-3	3000	**N/A -**
1.5 to 2 ml microcentrifuge tubes (fig. A)					
167315	s	22.86 x 12.70	THT-126-499-3	3000	**N/A -**
167318	w	15.24 x 41.28 (25.40)	THT-133-461-3	3000	**N/A -**
167316	w	12.70 x 55.88 (19.05)	THT-127-427-3	3000	**N/A -**
167146	w	12.70 x 55.88 (19.05)	THT-127-461-3	3000	**N/A -**
167332	w	15.24 x 66.68 (25.40)	THT-153-461-3	3000	**N/A -**
167901	t	9.53 x 25.40 (ø 9.53)	THT-163-499-3	3000	**N/A -**
Conical tubes 14 to 15 ml (fig.B)					
167319	w	38.10 x 88.90 (31.75)	THT-134-461-3	3000	**N/A -**
Conical tubes / Bottles / Petri dishes / Microplates (fig.B)					
167335	s	6.35 x 25.40	THT-51-423-10	10000	**N/A -**
167337	s	12.70 x 25.40	THT-5-423-10	10000	**N/A -**
167320	s	19.05 x 38.10	THT-135-427-AW-3	3000	**N/A -**
167321	s	19.05 x 38.10	THT-136-499-3	3000	**N/A -**
167322	s	25.40 x 50.80	THT-137-427-AW-3	3000	**N/A -**
167323	s	25.40 x 50.80	THT-137-499-3	3000	**N/A -**
167324	w	25.40 x 133.35 (38.10)	THT-139-461-2	2000	**N/A -**
Tubes / Flasks 0.6 ml (fig.C)					
167338	s	12.70 x 19.05	THT-68-499-10	10000	**N/A -**
167314	s	12.70 x 22.86	THT-125-499-3	3000	**N/A -**
167316	w	12.70 x 55.88 (19.05)	THT-127-427-3	3000	**N/A -**
167146	w	12.70 x 55.88 (19.05)	THT-127-461-3	3000	**N/A -**
Tubes / Flasks of 1 to 2 mm (fig.C)					
167315	t	22.86 x 12.70 (12.70)	THT-126-499-3	3000	**N/A -**
167318	w	15.24 x 41.28 (25.40)	THT-133-461-3	3000	**N/A -**
167332	w	15.24 x 66.68 (25.40)	THT-153-461-3	3000	**N/A -**
167317	w	25.40 x 66.68 (25.40)	THT-131-427-3	3000	**N/A -**
167261	w	25.40 x 66.68 (25.40)	THT-131-461-3	3000	**N/A -**
Tubes / Flasks of 4 to 8 mm (fig.C)					
167317	w	25.40 x 66.68 (25.40)	THT-131-427-3	3000	**N/A -**
167261	w	25.40 x 66.68 (25.40)	THT-131-461-3	3000	**N/A -**
Tubes / Flasks of 12 to 24 mm (fig.C)					
167319	w	38.10 x 88.90 (31.75)	THT-134-461-3	3000	**N/A -**
167324	w	25.40 x 133.35 (38.10)	THT-139-461-2	2000	**N/A -**
Tube caps / 0.6 ml flasks (fig.D)					
167328	l	(ø 9.53)	THT-143-499-3	3000	**N/A -**
Tube caps / 1 to 2 ml flasks (fig.D)					
167329	l	(ø 12.70)	THT-144-499-3	3000	**N/A -**
167315	x	22.86 x 12.70 (ø 12.70)	THT-126-499-3	3000	**N/A -**
Coverslips (fig. E)					
167902****	s	22.86 x 22.86	THT-141-481-3	3000	**N/A -**
167903****	s	19.65 x 22.86	THT-194-481-3	3000	**N/A -**
167904****	s	9.53 x 22.86	THT-195-481-3	3000	**N/A -**
167325	s	19.05 x 22.86	THT-140-488-3	3000	**N/A -**
167326	s	22.86 x 22.86	THT-141-488-3	3000	**N/A -**
Microplates (fig. F)					
167333	s	6.35 x 50.80	THT-15-423-2.5	2500	**N/A -**
167330	s	6.35 x 50.80	THT-151-499-3	3000	**N/A -**
167327	s	5.08 x 63.50	THT-142-423-2.5	2500	**N/A -**
Sealed flasks (fig. G)					
167336	s	12.70 x 25.40	THT-5-351-10	10000	**N/A -**
167334	s	25.40 x 50.80	THT-17-351-3	3000	**N/A -**
Microcentrifuge tubes (fig. H) in matt white polyester Freezer Bondz , suitable for identification of frozen tubes**					
167160	s	9.53 x 31.75	THT-154-490-3	3000	**N/A -**
167161	s	15.24 x 41.28	THT-155-490-3	3000	**N/A -**
167162	s	25.40 x 48.26	THT-156-490-3	3000	**N/A -**
167163	s	38.10 x 55.88	THT-157-490-3	3000	**N/A -**
167164	s	38.10 x 95.25	THT-158-490-3	3000	**N/A -**
Centrifuge microtubes(fig. H) Freezer Bondz, II suitable for identification of all frozen surfaces***					
167853	l	9.53 mm	THT-143-492-3	3000	**N/A -**
167854	l	12.7 mm	THT-144-492-3	3000	**N/A -**
167365	s	48.26 x 25.4 mm	THT-156-492-3	3000	**N/A -**
167634	s	25.4 x 25.4 mm	THT-179-492-3	3000	**N/A -**
167635	s	22.86 x 22.86 mm	THT-180-492-3	3000	**N/A -**
167636	x	25.4 x 12.7 mm (ø9.53)	THT-181-492-3	3000	**N/A -**
167637	x	25.4 x 12.7 mm (ø 12.18)	THT-182-492-3	3000	**N/A -**
167855	s	25.4 x 12.7 mm	THT-59-492-10	10000	**N/A -**
167974	-	25.40 x 19.05	THT-88-492-5	5000	**N/A -**
814347	-	41.28 x 15.24 (ø 9.53)	THT-190-492-3	3000	**N/A -**
814348	-	41.28 x 15.24	THT-155-492-3	3000	**N/A -**
167632	-	25.40 x 9.53	THT-152-492-3	3000	**N/A -**
167634	-	25.40 x 25.40	THT-179-492-3	3000	**N/A -**
167633	-	25.40 x 9.53 (ø 9.53)	THT-163-492-3	3000	**N/A -**

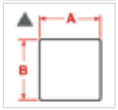
** Overlapping of both ends of the label is mandatory. *** No obligation to overlap the two ends of the label. **** Very high solvent resistance



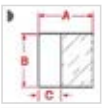


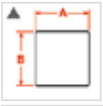


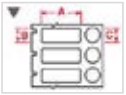


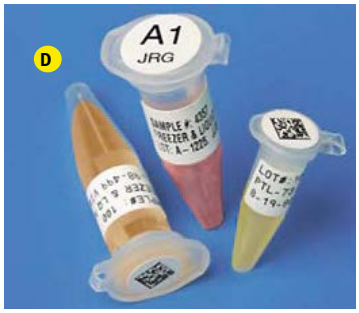


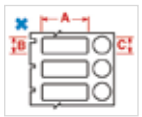


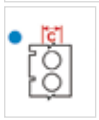




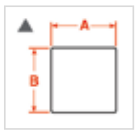


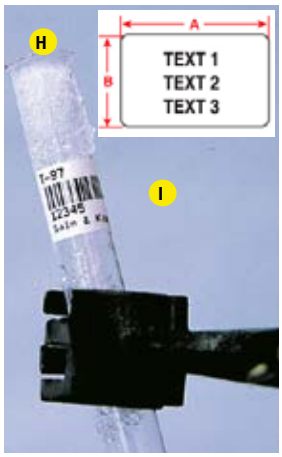


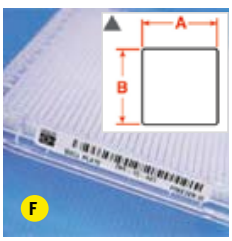


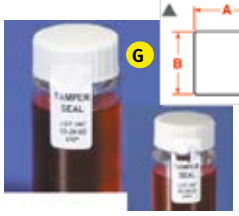


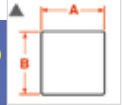










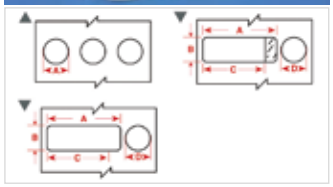




All prices are indicative and exclude VAT. Visit www.dulis.nl

Labels for Brady BBP12, BBP11, BBP1344 printers

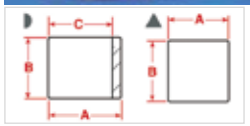


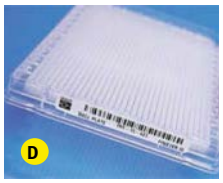


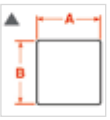




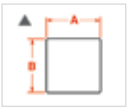












Cat. No.	Type	B x A (C) (mm)	Cat. No. Brady	Qty/ roll	€
Microtubes from 0.5 to 0.7 ml					
167294	s	12.70 x 25.40	BPT-620-499	1000	**N/A -**
814052		12.70 x 55.90 (12.70)	THT-127-461-1.5-SC	1500	**N/A -**
167173	t	9.53 x 25.40 (9.53) ø 9.53	BPT-606-461	1000	**N/A -**
804788		25.40 x 9.53	THT-152-492-2.5-SC	2500	**N/A -**
804786		25.40 x 25.40	THT-179-492-2.5-SC	2500	**N/A -**
814070		9.50 x 45.70 (12.70)	THT-123-461-1.5-SC	1500	**N/A -**
814071		12.70 x 45.70 (9.50)	THT-122-461-1.5-SC	1500	**N/A -**
167290	w	5.08 x 22.86 (18)	BPT-614-461	2000	**N/A -**
167298	w	6.35 x 27.94 (22)	BPT-627-461	1000	**N/A -**
814073		31.75 x 9.53	THT-154-490-1.5-SC	1500	**N/A -**
Tubes from 0.5 to 8 ml					
814054		25.40 x 9.53 x ø 9.53	THT-249-492-1.5-SC	1500	**N/A -**
814055		25.40 x 9.53 x ø 9.53	THT-249-499-1.5-SC	1500	**N/A -**
814056		25.40 x 12.70 x ø 9.53	THT-250-492-1.5-SC	1500	**N/A -**
814057		25.40 x 12.70 x ø 11.18	THT-251-492-1.5-SC	1500	**N/A -**
0.6 ml Microtubes					
814058		22.90 x 12.70	THT-125-499-1.5-SC	1500	**N/A -**
Microtubes from 0.6 to 1.5 ml					
814075		ø 9.53	THT-143-492-1.5-SC	3000	**N/A -**
Microtubes 0.6 to 50 ml					
167280	s	ø 9.53	BPT-602-461-AW	3000	**N/A -**
167281	s	ø 9.53	BPT-602-499	3000	**N/A -**
167282	s	ø 9.53	BPT-602-499-YL	3000	**N/A -**
167283	s	ø 12.70	BPT-603-499	3000	**N/A -**
167284	s	ø 12.70	BPT-603-499-YL	3000	**N/A -**
167285	s	ø 15.24	BPT-604-461-AW	3000	**N/A -**
Microtubes 1 to 2 ml					
167289	w	15.24 x 66.68 (25.40)	BPT-612-461	1500	**N/A -**
167300	w	15.24 x 38.10 (33)	BPT-628-461	2500	**N/A -**
167277		15 x 40 x 30 x ø 9	BPTLAB-20-461-2	2500	**N/A -**
167174	t	15.24 x 41.28 (15.24) x ø 12.70	BPT-608-461	1000	**N/A -**
167286	w	15.24 x 51.28 x ø 12.70	BPT-608-499	1000	**N/A -**
814076		ø 12.70	THT-144-492-1.5-SC	1500	**N/A -**
814069		ø 12.70	THT-144-499-1.5-SC	1500	**N/A -**
Tubes from 1 to 8 ml					
167948		25.40 x 19.10	THT-88-492-2.5-SC	2500	**N/A -**
814059		41.28 x 15.24	THT-155-490-1.5-SC	1500	**N/A -**
814074		48.26 x 25.40	THT-156-490-1.5-SC	1500	**N/A -**
814060		48.26 x 25.40	THT-156-492-1.5-SC	1500	**N/A -**
814061		66.68 x 25.4	THT-131-461-1.5-SC	1500	**N/A -**
Microtubes 1.5 to 2 ml					
814062		15.20 x 41.30 (15.20)	THT-133-461-1.5-SC	1500	**N/A -**
814063		15.20 x 66.70 (25.40)	THT-153-461-1.5-SC	1500	**N/A -**
814064		25.40 x 12.70	THT-59-492-2.5-SC	2500	**N/A -**
Tubes from 2 to 4 ml					
167304	w	15.24 x 48.26 (40)	BPT-638-461	2000	**N/A -**
Tubes from 4 to 8 ml					
167297	s	25.40 x 66.68	BPT-625-499	2000	**N/A -**
Tubes from 4 to 50 ml					
167301	w	34.93 x 45.72 (40)	BPT-632-461	2000	**N/A -**
Tubes from 12 to 24 ml					
814065		55.88 x 38.10	THT-157-490-1.5-SC	1500	**N/A -**
14/15 ml conical tubes					
167308	s	38.10 x 88.90	BPT-650-461-AW	3000	**N/A -**
Conical tubes / Bottles / Petri dishes / Microplates					
167288	s	12.70 x 25.40	BPT-611-499	3000	**N/A -**
167293	s	22.86 x 38.10	BPT-618-499	3000	**N/A -**
814066		25.40 x 12.70	BPT-659-498	1000	**N/A -**
167296	s	25.40 x 36.50	BPT-621-499	3000	**N/A -**
167299	w	19.05 x 38.10 (33)	BPT-629-461	2500	**N/A -**
167303	s	25.40 x 48.26	BPT-636-461-AW	2000	**N/A -**
167305	s	38.10 x 55.88	BPT-640-427-AW	2000	**N/A -**
167306	s	19.05 x 57.15	BPT-642-461-AW	2000	**N/A -**
167307	s	25.40 x 66.68	BPT-648-427-AW	2000	**N/A -**
Microplates					
167310	s	19.05 x 38.10	BPT-6-8423-2.5	2500	**N/A -**
167302	s	6.35 x 48.26	BPT-635-488	2000	**N/A -**
Coverslips					
167168	s	19.05 x 22.86	BPT-616-488	3000	**N/A -**
167292	s	22.86 x 22.86	BPT-617-488	3000	**N/A -**



THT labels on large mandrel
see previous page (1257)

Brady i3300 Printer

The i3300 thermal transfer printer can print on a full range of materials for safety and facility identification labels as well as pre-cut labels for wire, product or laboratory equipment identification.

- **Self-calibration, automatic media recognition, consumable replacement in 20 seconds**
- **PC connectable with LabelMark software**
- **USB and Ethernet ports, WIFI connection**
- **300 dpi resolution**
- **Colour touch screen**
- **Dust reduction thanks to filter pads**

Cat. No.	Description	€
834415	i3300 Printer + LABS Suite	N/A -



TIP 

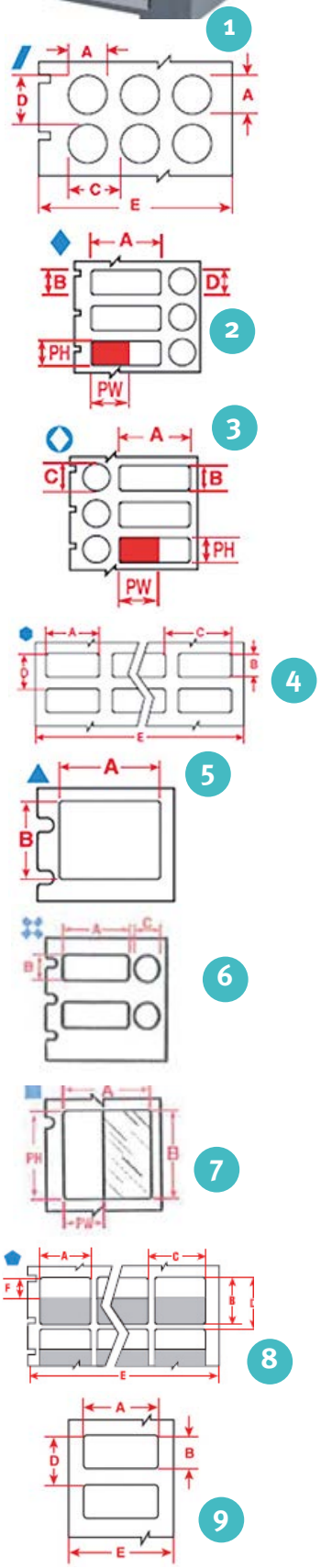
See the material selection guide page 1247

Printer ribbons

Cat. No.	Description	€
814193	Printer ribbon B30-R4300	N/A -
814194	Printer ribbon B30-R6000	N/A -
814195	Printer ribbon B30-R6400	N/A -
814196	Printer ribbon B30-R6200	N/A -

Labels for i3300 and BBP 33 models

Cat. No.	Type	Colour	Type	Cat. No. Brady	Dim. A (mm)	Dim. B (mm)	Dim. C (mm)	Dim. D (mm)	Quantity	€
Nylon labels B-499										
814197	Made of nylon fabric	White	1	B33-143-499	9.53	-	12.10	12.70	1500	N/A -
814198	Made of nylon fabric	White	1	B33-144-499	12.70	-	12.10	12.70	1500	N/A -
814199	Made of nylon fabric	White	4	B33-68-499	12.70	19.05	15.20	22.20	1500	N/A -
814200	Made of nylon fabric	White	4	B33-152-499	25.40	9.53	27.94	12.07	1500	N/A -
814202	Made of nylon fabric	White	5	B33-125-499	22.86	12.70	-	-	1500	N/A -
814203	Made of nylon fabric	White	5	B33-659-499	25.40	12.40	-	-	1000	N/A -
814204	Made of nylon fabric	White	5	B33-151-499	50.80	6.35	-	-	1500	N/A -
814205	Made of nylon fabric	White	5	B33-136-499	38.10	19.05	-	-	1500	N/A -
814206B	Made of nylon fabric	White	9	B33-137-499	-	-	-	-	1100	N/A -
Freezerbondz 2 polyester labels										
814207	For cryogenics	White	1	B33-143-492	9.53	-	12.06	12.70	1500	N/A -
814208	For cryogenics	White	1	B33-144-492	12.70	-	15.24	15.88	1500	N/A -
814209	For cryogenics	White	6	B33-163-492	25.40	9.53	9.53	-	1500	N/A -
814211	For cryogenics	White	6	B33-182-492	25.40	12.70	11.18	-	1500	N/A -
814212B	For cryogenics	White	5	B33-59-492	25.40	12.70	-	-	2500	N/A -
814213	For cryogenics	White	5	B33-180-492	22.86	25.40	-	-	1500	N/A -
814214B	For cryogenics	White	5	B33-179-492	25.40	25.40	-	-	1900	N/A -
814210	For cryogenics	White	6	B33-181-492	25.40	12.7	9.53	-	1500	N/A -
814248	For cryogenics	White	4	B33-152-492	25.40	9.53	-	-	2500	N/A -
814215	For cryogenics	White	5	B33-156-492	48.26	25.40	-	-	1500	N/A -
Polyester labels B-492										
814345	Labels	White	-	B33-190-492	41.28	15.24	9.53	-	1500	N/A -
814346	Labels	White	-	B33-155-492	41.28	15.24	-	-	1500	N/A -
Polyester labels B-481										
814242B	Labels	White	-	B33-194-481	22.86	19.05	22.23	27.94	2000	N/A -
Polyester labels										
814216	For smooth surfaces	White	4	B33-5-423	25.40	12.70	27.30	15.20	5000	N/A -
814217	For smooth surfaces	White	5	B33-17-423	50.80	25.40	-	-	1500	N/A -
814218	For smooth surfaces	White	5	B33-18-423	76.20	25.40	-	-	1500	N/A -
814219	For smooth surfaces	Transp.	5	B33-17-430	50.80	25.40	-	-	1500	N/A -
814220	For smooth surfaces	Transp.	5	B33-18-430	76.20	25.40	-	-	1500	N/A -
814221	For rough surfaces	White	4	B33-5-483	25.40	12.70	27.30	15.20	5000	N/A -
814222	For rough surfaces	White	5	B33-17-483	50.80	25.40	-	-	1500	N/A -
814223	For rough surfaces	White	5	B33-18-483	76.20	25.40	-	-	1500	N/A -
814224	For rough surfaces	White	5	B33-19-483	76.20	50.80	-	-	500	N/A -
814225	For rough surfaces	White	5	B33-635-488	48.26	6.35	-	-	2000	N/A -
Self-protected polyester labels B-461										
814230	With transparent label	White	7	B33-614-461	22.86	5.08	-	-	2000	N/A -
814231	With transparent label	White	7	B33-627-461	27.94	6.35	-	-	1000	N/A -
814232	With transparent label	White	2	B33-606-461	25.40	9.53	-	-	1000	N/A -
814233	With transparent label	White	7	B33-123-461	45.72	9.53	-	-	1500	N/A -
814234	With transparent label	White	7	B33-122-461	45.72	12.70	-	-	1500	N/A -
814235	With transparent label	White	8	B33-133-461	15.24	41.28	17.78	46.99	1500	N/A -
814236	With transparent label	White	3	B33-608-461	41.28	15.24	12.70	-	1000	N/A -
814237	With transparent label	White	8	B33-127-461	12.70	55.88	15.24	61.60	1500	N/A -
814238	With transparent label	White	7	B33-153-461	66.68	15.24	-	-	1500	N/A -
814239	With transparent label	White	7	B33-276-461	66.68	25.40	-	-	1500	N/A -
814240	With transparent label	White	8	B33-139-461	25.40	133.35	27.94	136.52	650	N/A -
814241	With transparent label	White	7	B33-134-461	88.90	38.10	-	-	1000	N/A -
White vinyl labels B-498										
814226	In vinyl fabric	White	4	B33-1-498	19.05	6.35	20.30	9.80	5000	N/A -
814227	In vinyl fabric	White	4	B33-5-498	25.40	12.70	27.30	15.20	5000	N/A -
814228	In vinyl fabric	White	4	B33-88-498	25.40	19.05	27.90	22.20	2500	N/A -
814229B	In vinyl fabric	White	4	B33-89-498	25.40	36.50	27.90	39.70	2300	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

BradyJet J2000 Printer



- High resolution 4800 dpi colour inkjet printing
- Automatic label configuration
- Quick replacement of label rolls
- Labels resistant to -196 °C and boiling water bath or autoclave; resistant to chemicals such as ethanol, methanol, toluene, acetone, xylene, isopropanol, DMSO
- For indoor display
- Dimensions: 26.4 x 38.9 cm
- Weight: 3.20 kg
- Minimum label length: 6.35 mm
- Label width: 19 to 101.60 mm
- Printing up to 3000 labels/day and 63 mm/second
- Connectivity: USB
- Printer supplied with power cable, AC adapter, USB cable, start-up guide, ink cartridge, label roll for print head alignment

Labels in PP B-7425J

Cat. No.	Width (mm)	Height (mm)	Diameter (mm)	Labels/ roll	€/ roll
834375	20.96	6.35	-	1500	N/A -
834379	50.8	6.35	-	2000	N/A -
834373	25.4	9.53	-	2000	N/A -
834391	25.4	9.53	9.53	1500	N/A -
834374	25.4	12.7	-	2000	N/A -
834401	25.4	12.7	11.18	1500	N/A -
834388	38.1	12.7	-	1500	N/A -
834392	50.8	12.7	-	2000	N/A -
834384	33.02	15.24	-	1500	N/A -
834383	25.4	19.05	-	2000	N/A -
834387	38.1	19.05	-	1500	N/A -
834393	25.4	25.4	-	1500	N/A -
834390	38.1	25.4	-	1250	N/A -
834386	50.8	25.4	-	1500	N/A -
834396	38.1	44.45	-	900	N/A -

Model	J2000 printer with lab workstation suite
Cat. No.	834368
€	N/A -

Accessory

Cat. No.	Description	€
834402	CMY colour ink cartridge for J2000	N/A -



i 7100 Printer with automatic label applicator



Increase efficiency with the automatic tube labelling module.

- For accurate and durable high volume printing
- Powerful internal processor: up to 7000 labels/day
- Print speed: up to 300 mm/s
- 300 dpi print resolution
- Wide range of high quality identification consumables
- Intuitive colour touch screen

Cat. No.	Description	€
834772	i 7100 300 dpi printer with LABS suite and automatic label applicator	N/A -

XENON 1950G HD barcode reader

- Wired barcode reader
- Superior reading performance even on damaged codes or phone screens
- Shock resistant
- Protection from water and dust: IP41 rating
- Lightweight: 160 g
- 5 year warranty

Cat. No.	Description	€
834706	Xenon 1950G HD handheld barcode scanner	N/A -

Hands-free holder

Cat. No.	Description	€
834794	Stand for XENON 1950G reader	N/A -


834706


834794

Label sheets for laser printers

A: width; B: height; C: printable area

- For any desktop laser printer
- For use with Brady Workstation suite LABS

Cat. No.	B x A (C) (mm)	Properties	Label/ Foils	Label/ box	€/ box
For centrifuge tubes, PCR, 0.5 to 0.7 ml					
167871	12.7 x 19.05 mm	F N A	156	1000	N/A -
167872	25.4 x 9.53 mm	F N A	175	10000	N/A -
167874	9.53 x 45.72 mm (ø 19.05)	F N A H L S	100	2500	N/A -
For centrifuge tubes, PCR, 1.2 to 2 ml					
167873	15.24 x 41.28 mm (ø 25.40)	F N A H L S	64	2500	N/A -
167876	15.24 x 66.04 mm (ø 25.40)	F N A H L S	64	2500	N/A -
For 1 to 8 ml tubes					
167875	25.4 x 66.68 mm (ø 25.40)	F N A H L S	21	1000	N/A -
For tube cap					
167877	9.52 mm ø	F N A	285	2500	N/A -
For 50 ml conical tubes, bottles, Petri dishes, tube trays					
167880	36.50 x 25.4 mm	F N A	42	2500	N/A -
For tube trays					
167881	6.35 x 47.63 mm	F A	156	10000	N/A -

	Application key
F	Freezer (- 80 °C)
N	Liquid nitrogen (- 196 °C)
A	Autoclave
H	Water baths (100 °C)
L	Ultra-thin label
R	Repositionable adhesive
S	Self-protecting label

Safety lighting

- Suitable for use in ATEX zones
- Phthalate-free, non-toxic, non-flammable

Light sticks 150 mm

- Visible up to 1.6 km away
- Fold and shake to activate
- Hanging ring
- Packaged individually

Duration	8 hrs	
Colours	Blue	White
Cat. No.	231033	231034
€	N/A -	N/A -


231033
231034



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Absorbent protection paper on rolls





Economical "examination sheet" type paper with an absorbent wadding side and a waterproof side.

- **Width: 50 cm**
- **Pre-cut in 38 cm sizes, 180 sizes per roll**
- **White**
- **Wrapped in plastic film**

Cat. No.	Description	€
030640	Roll of absorbent paper "examination sheet"	N/A -
002985	Examination sheet dispenser 50 cm wide	N/A -

Benchkote™ bench top protection paper



Absorbent and impermeable paper for the protection of laboratory surfaces from leakage of hazardous substances.

- **One side of laminated polyethylene to capture deposits without absorption, another side of paper that quickly absorbs liquids to prevent them from spilling onto the work surface**
- **Thicker, more absorbent Benchkote Plus version for more demanding applications (up to 0.75 l of water absorbed per m²)**
- **Extremely robust**
- **Very easy collection and incineration after use**

Applications

- Control of radiochemical leaks, prevention of contamination
- Recovery of inadvertently spilled valuable materials
- Regulation of the atmosphere (water or solvent) in wet rooms
- Covering of chemical equipment walls, bench drawers and laboratory hoods

Cat. No.	Type	Presentation	Packaging	€
036102	Benchkote	Sheets 46 x 57 cm	50 sheets	N/A -
034994	Benchkote	Sheets 46 x 57 cm	100 sheets	N/A -
036103	Benchkote	Sheets 46 x 5 2 cm	50 sheets	N/A -
036104	Benchkote	Roll 46 cm x 50 m	1 roll	N/A -
036105	Benchkote	Roll 92 cm x 50 m	1 roll	N/A -
036106	Benchkote Plus	Sheets 50 x 60 cm	50 sheets	N/A -
036107	Benchkote Plus	Roll 60 cm x 50 m	1 roll	N/A -

Bench top protection papers



- **Material: 80% cellulose, 20% polyethylene film**
- **Protection against shocks, acids and corrosive environments, radiochemicals**
- **Recovery of materials after calcination**
- **Weight: 125 g/m², sheet or roll**

Cat. No.	Presentation	Dimensions (mm)	Units/ box	€/ box
074129	Sheet	420 x 520	100	N/A -
074130	Sheet	460 x 570	100	N/A -
074131	Sheet	500 x 600	100	N/A -
074132	50 m roll	Width: 460	1	N/A -
074133	50 m roll	Width: 600	1	N/A -
074134	50 m roll	Width: 490	1	N/A -
074128	50 m roll	Width: 920	1	N/A -

Labmat protection papers





Absorbent paper lined with waterproof polyethylene film. The absorbent side retains all solutions, water, dyes, buffers, aggressive or radioactive chemical solutions. The orange model is ideal for biohazardous areas.

Cat. No.	Description	€ the roll
085007	Labmat roll, white 50 cm x 15 m	N/A -
085008	Labmat roll, orange 50 cm x 15 m	N/A -

Versi-dry bench top protection papers

- Absorbent papers with polyethylene back
- Liquid absorbed (depending on model): 750 ml/m² or 1050 ml/m²
- In rolls, dispenser rolls or sheets.



Cat. No.	Presentation	L x W	Packaging unit	€
Versi-dry absorbance standard white (750 ml/m²)				
029152	Dispenser roll	100 m x 51 cm	1 roll	N/A -
088025	Dispenser roll	30 m x 51 cm	4 rolls	N/A -
029153	Roll	100 m x 51 cm	2 rolls	N/A -
029154	Roll	50 m x 51 cm	2 rolls	N/A -
029155	Sheets	46 cm x 51 cm	350 sheets	N/A -
Versi-dry blue enhanced absorbency (1050 ml/m²)				
029157	Roll	80 m x 51 cm	1 roll	N/A -
029156	Sheets	45 cm x 51 cm	350 sheets	N/A -

BenchGuard bench top protection papers

- Protection of worktops
- One side waterproof and one side capable of adsorbing 400 ml/m²
- BenchGuard Extra for 800 ml/m² absorption
- Available in 60 cm x 49 cm sheets or 50 m rolls



Cat. No.	Description	Sheet or roll size	Units/ box	€/ box
090275	BenchGuard	50 m x 49 cm	1 roll	N/A -
090276B	BenchGuard	60 cm x 49 cm	100 sheets	N/A -
090277	BenchGuard Extra	50 m x 49 cm	1 roll	N/A -
090278	BenchGuard Extra	60 cm x 49 cm	50 sheets	N/A -

Laboratory set

- In silicone (VMQ)
- Withstands up to + 260 °C
- Non-slip
- Sterilizable



Colour	W x L (mm): 250 x 250	W x L (mm): 350 x 350
Red	092156	092158
Black	092157	092159
€	N/A -	N/A -

Silicone protection mat



- In silicone (FDA)
- Dimensions: 35 x 60 cm
- Thickness: 2 mm
- Autoclavable at 121 °C for 15 minutes
- Easy to clean with standard disinfectant; can also be put in the dishwasher
- Protects the bench from hot samples up to 200 °C
- Temperature resistant from -50 °C to 200 °C

Cat. No.	Side 1	Side 2	€
320552	Yellow	Blue on grey background	N/A -
320553	Violet	Grey on purple background	N/A -
320623	Blue	White with blue border	N/A -

Sterile 3-ply towel

- Non-adhesive
- Absorbent (nonwoven) and waterproof (polyethylene)

Cat. No.	Dimensions W x L (cm)	Number of layers	Units/ box	€/ box
711736	75 x 90	2	6 x 38	N/A -
711737	90 x 150	3	2 x 30	N/A -
711738	150 x 240	3	24 x 2	N/A -

Protective mat





- Ideal for environments where sterility is required
- 2 sides:
  - 1 smooth side
  - 1 rough side: prevents movement of small objects, slipping of tanks, tip boxes and other consumables
- Keeps the bench clean and free of dirt and wear
- Reusable
- Edge to hold up to 250 ml
- Anti-slip
- Reduces vibration noise from small equipment such as microcentrifuges
- Easy cleaning with standard disinfectant, dishwasher safe
- Resistant to most chemicals
- Protects the bench from hot containers up to 200 °C
- Dimensions: 305 x 379 x 2 mm
- Autoclavable at 121 °C for 15 minutes

Blue	Violet	€
320702	320703	N/A -

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Retention bins

Polypropylene drip tray

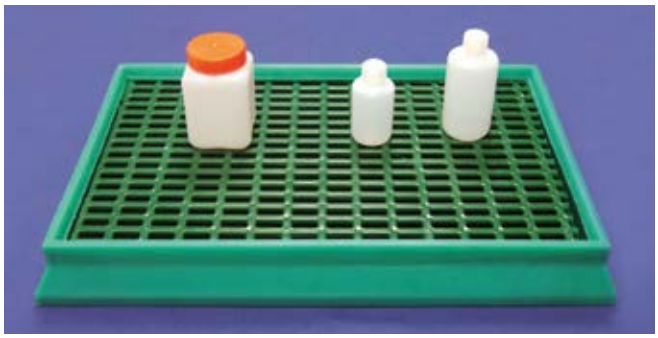


Polypropylene drip tray

- For corrosive products, high strength products
- Can be used without a grate

Cat. No.	Dim. H x W x D (mm)	Storage Capacity		Retention capacity(l)	Weight (kg)	€
		1 l bottle	2 l bottle			
060076	85 x 455 x 480	18	9	11	5	N/A -

8-litre retention lab with grating



- Ideal for handling hazardous materials in the laboratory
- Roto-moulded high density polyethylene mono block
- Green, dyed in the mass, UV treated
- Food grade, rot-proof, inert to many chemicals
- ISO 9002 Certified
- H x W x L: 70 x 400 x 600 mm

Cat. No.	Description	€
322000	Lab retention tray 8 litres without grating	N/A -
322001	Gratings	N/A -

General characteristics

- Fast and secure storage during handling
- Holds liquids at the bottom of the tank in case of a leak
- Easy to clean
- Edge to hold stored containers in place

Steel retention tray



Steel retention tray

- For toxic, noxious and polluting products, delivered without grating
- To be completed with a grating model 060291B and 060198B

Cat. No.	Dim. H x W x D (mm)	Storage Capacity		Retention capacity(l)	Weight (kg)	€
		1 l bottle	2 l bottle			
060274B	30 x 490 x 410	16	9	6	3	N/A -
060276B	30 x 1000 x 410	36	20	12	2	N/A -
060290B	100 x 1000 x 410	36	2	20	41	N/A -
060294B	100 x 480 x 410	16	9	20	5	N/A -

Gratings for steel tray

- The grating Cat. No. 060291B reduces the retention capacity of the tray by 6 l
- The grating Cat. No. 060198B reduces the retention capacity of the tray by 3 l

Cat. No.	For tray Cat. No.	Dim. H x W x D (mm)	Storage Capacity		Weight (kg)	€
			1 l bottle	2 l bottle		
060291B	060290B	90 x 990 x 400	36	2	3	N/A -
060198B	060294B	90 x 480 x 400	16	9	2	N/A -

Accessory

Cat. No.	Description	€ 10 units
060070	Absorbent sheet mats	N/A -

Retention bins in HDPE



001047B



212025

- Approved for food contact, HACCP
- Empty nestable, stackable with lid
- Use -40 °C to +90 °C
- HDPE grids (-40 °C to +90 °C)
- Transparent polypropylene lids (-20 °C to +90 °C)

8 l bins

	Dimensions L x W x H (mm)	Weight (kg)	White	Red	Blue	Green	Yellow	€
Tray	485 x 335 x 75	0.65	001047B	212021B*	212022B*	212023B*	212024B*	N/A -
Grid	420 x 270 x 8	0.17	212025	-	-	-	-	N/A -
Lid	490 x 340	0.31	211967	-	-	-	-	N/A -

* with HACCP traceability label

8 l bin + grid + lid

Colours	White	Red	Blue	Green	€
Cat. No.	212026B	212027B	212028B	212029B	N/A -

10 l bins - white

Cat. No.	Type	Dimensions L x W x H (mm)	Weight (kg)	€
001048	Tray	535 x 385 x 80	0.81	N/A -
212034	Grid	470 x 320 x 8	0.21	N/A -

Retention bins

Plastic retention trays

- For small packaging
- Optimised dimensions for European pallets
- With or without gratings



Volume (l)	Dimensions (mm)	Gratings	Cat. No.	€
7	200 x 400 x 120	No	571397	N/A -
		Yes (galvanised steel)	571398	N/A -
		Yes (plastic steel)	571399	N/A -
15	400 x 400 x 120	No	571400	N/A -
		Yes (galvanised steel)	571401	N/A -
		Yes (plastic steel)	571402	N/A -
32	400 x 800 x 120	No	571403	N/A -
		Yes (galvanised steel)	571404	N/A -
		Yes (plastic steel)	571405	N/A -
68	800 x 800 x 120	No	571406	N/A -
		Yes (galvanised steel)	571407	N/A -
		Yes (plastic steel)	571408	N/A -

Smartsafe steel retention bins

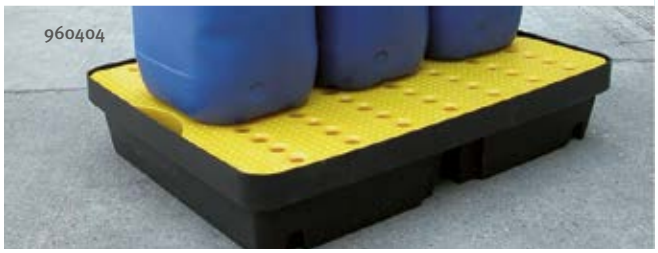


- Complies with the order of 4 October 2010
- Authorised for the storage of flammable liquids
- Made of 2 mm thick welded steel

Storage capacity in 200 litre drums	4	8
Storage capacity in 1000 litre drums	1	2
Retention Volume (l)	1100	1230
Dimensions (mm)	1285 x 1300 x 864	2564 x 1290 x 487
Version	Galvanised	Galvanised
Cat. No.	**571424**	**571425**
€	**N/A -**	**N/A -**

Retention trays and pallets

- Made of polyethylene
- High chemical resistance
- Easy to clean
- Removable grating with yellow anti-slip surface
- Pallet with fork passage
- Pallet for 2 x 200 l drums: with lockable sliding door



Cat. No.	Retention capacity (l)	Gratings	Dimensions H x L x D (mm)	Load capacity (kg)	€
060283	20	No	155 x 600 x 400	50	N/A -
060277		Yes			N/A -
960360	30	No	155 x 805 x 405	50	N/A -
060278		Yes			N/A -
960513	40	No	155 x 800 x 600	100	N/A -
960404		Yes			N/A -
960382	60	No	175 x 1000 x 600	200	N/A -
060381		Yes			N/A -
960312	100	No	172 x 1200 x 800	200	N/A -
960313		Yes			N/A -
960521	250*	Yes	2110 x 1565 x 995	650	N/A -
960405	1100**	Yes	1000 x 1450 x 1450	2000	N/A -

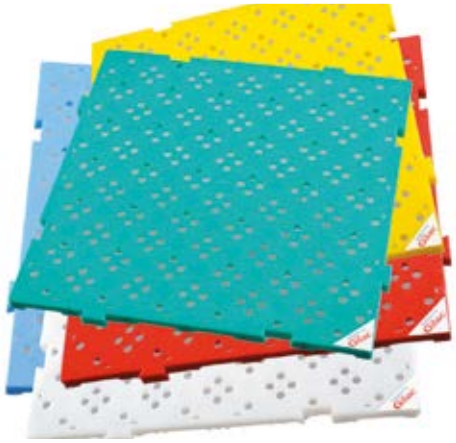




* Covered retention pallet for 2 x 200 litre drums.
** Retention pallet for 1000 litre cube.

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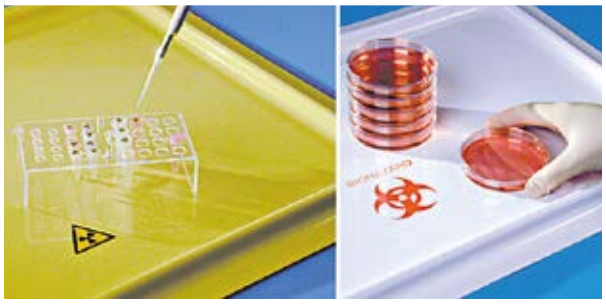
Clip-on gratings in HDPE



- Insulating and non-slip, good mechanical strength
- Easy to clean: water jet, high pressure cleaner, machine
- Optimal fluid removal
- Simple, scalable installation
- Use: -40 °C to +90 °C
- Dimensions: 500 x 500 mm

Thickness (mm)	Weight (kg)	White	Red	Blue	Green	Yellow	€
22	1.02	212059	212060	212061	212062	212063	N/A -
50	2.16	212064	-	-	-	-	N/A -

Bench top protection trays



- PVC, with raised edges to delimit the work area and contain spills
- Available in white, white with biohazard pictogram or yellow with radioactivity pictogram
- Can be used with disposable APET liner

Dimensions (mm)	460 x 260		540 x 340		570 x 540		1130 x 540	
Colours/inscriptions	Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
White	263231	N/A -	263240	N/A -	263232	N/A -	263233	N/A -
White "BioHazard"	263228	N/A -	263243	N/A -	263229	N/A -	263230	N/A -
Yellow "Radioactivity"	263234	N/A -	263245	N/A -	263235	N/A -	263236	N/A -
Protective liner (per 25)	263225	N/A -	263242	N/A -	263226	N/A -	263227	N/A -

Anti-splash trays for bench top



- Made of chemical-resistant polyethylene
- Transparent sidewalls: easy to spot leaks
- Removable grid
- Spout for quick and easy draining
- Compact: fits on a bench, counter or worktop

Cat. No.	Ext. dimension (mm)	Capacity (l)	€
333200	420 x 300 x 100	5.6	N/A -
333201	520 x 420 x 100	11.3	N/A -

Anti-beta waste containers



Waste containers that can hold:
- the 20 litre Nalgene bottles (large model);
- the 10 litre bottles (small model);
- as well as cardboard waste boxes.

Cat. No.	Description	L x W x H (mm)	€
028033	Anti-beta acrylic container for waste box small model	330 x 330 x 432	N/A -
028689	Anti-beta acrylic container for large waste box	457 x 457 x 737	N/A -

Waste box for radioactive pipette tips

Acrylic box for the recovery of radioactive tips.
Clear acrylic for beta rays [^{32}P]

- **Top lid with hinges**
- **Hatch in the lid for the insertion of tips**
- **Complete with bags printed with the "Radioactive" pictogram**



Cat. No.	Description	L x W x H (mm)	€
037929	Anti-beta box	154 x 171 x 206	N/A -

Beta radioactive waste box

9.5 mm thick acrylic box for the protection of beta radioactive isotopes.

- **Removable lid**
- **L x W x H: 304 x 203 x 381 mm, holds bags measuring L x W x H: 305 x 152 x 380 mm**
- **Equipped with clips for fixing bags**



Cat. No.	Description	€
045900	Acrylic box	N/A -

Protective containers

Acrylic waste containers, supplied with a 2 litre Nalgene bottle. Thickness: 9 mm.



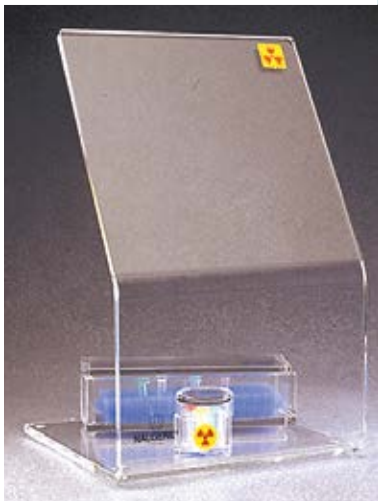
Cat. No.	Description	Ø x H (mm)	€
029117	Radioactive waste container with a 2 litre bottle	140 x 286	N/A -

Spare bottles

Cat. No.	Description	€
029330A	Spare bottle 2 litres	N/A -

Anti-beta protection shield

Anti-beta protection screen with a wide base acting as a tray for samples. Straight and then tilted for a better view of the completed work
Thickness: 9.5 mm.



Cat. No.	Description	L x W x H (mm)	€
028678	Acrylic anti-beta shield	305 x 305 x 457	N/A -
028679	Acrylic anti-beta shield	457 x 305 x 610	N/A -

TFD foam, radioactivity decontaminant

Effective during all decontamination operations of radioisotopes usually used in nuclear medicine (Technetium Tc 99, ThalliumTl 201, Gallium Ga 67, IndiumIn 111, Iodine I 131), in research laboratories (Carbon C 14, Chromium Cr 51, Tritium T 3, Iodine I 125, Phosphorus P 32, Xenon Xe 131, Yttrium Y90)
Composition:

- surfactants: anionic and non-ionic;
- Sequestrants;
- propellant stabilisers: butane / propane mixture

- **Detergent and degreaser: the foam removes all kinds of contaminated dirt and grease**
- **Decontamination of radioactivity: the sequestrants remove and carry away radioisotopes fixed on all types of support, forming easily removable water-soluble metal complexes**
- **Odourless white foam**
- **pH = 7**
- **Compatible with all types of materials**
- **To be used by spraying directly onto the surface to be decontaminated**



TIP

See also our labels "radioactivity symbol" page 1244

Cat. No.	Description	€
711171	Radioactive decontaminant TFD foam 500 ml	N/A -

TFD Radioactive decontaminant skin cleaner

- **Foaming cream soap**
- **Unscented**
- **Cleaner, softener, radioactivity decontaminant**
- **neutral pH**
- **Prevents the skin from drying out**



Cat. No.	Description	€
711547B	TFD skin radioactivity decontaminant 460 g	N/A -

TIP

See Disinfecting detergents radioactivity page 1282

All prices are indicative and exclude VAT. Visit www.dulis.nl

Sterilsop® Protec Transport and storage bags after sterilisation



Allows the transport and storage of sterile instrumentation. Allows for an increase in the shelf life of sterilised items, according to the point scale from the 1993 "Good Sterilisation Practices".

- **Made of 60 micron polyethylene**
- **Self-adhesive tamper-evident closure (tight and airtight when closed)**
- **Pre-printed label for date and content identification**
- **Bottom gusset to prevent tearing when inserting items into the protective bag**

Cat. No.	Dimensions (mm)	Units/ box	€ / box
161554B	230 x 380 mm	200	N/A -
161555	320 x 500 mm	200	N/A -
161556	420 x 760 mm	200	N/A -

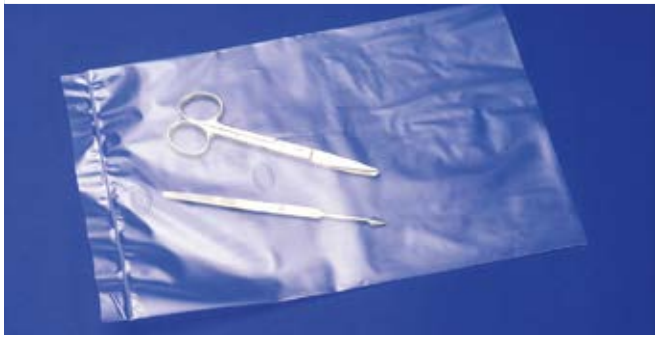
Heat-sealable sheaths

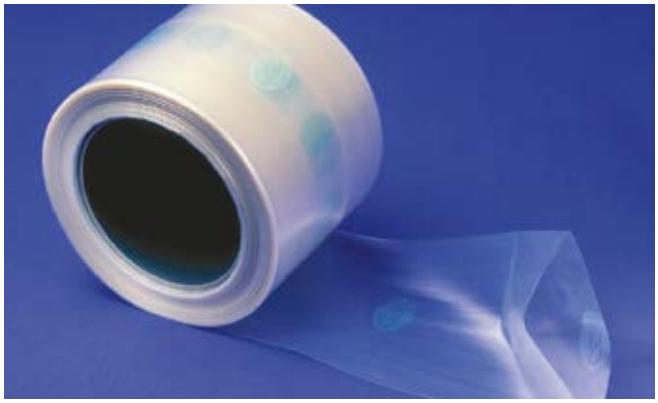


- **In HDPE**
- **Thickness 100 µm**
- **Very resistant**
- **Certified for food contact**

Cat. No.	Roll width (mm)	Roll length (m)	€ the roll
999651	40	350	N/A -
999652	60	350	N/A -
999650	80	350	N/A -
999653	120	350	N/A -

Dry heat sterilisation bags and sheaths





Sachets and sheaths for the sterilisation of objects, tools, using dry heat (Poupinel). Maximum temperature: 180 °C.

- **Special polyamide for welding (260/270 °C)**
- **Sterilisation indicator**
- **Available in bags or in sheaths rolls**

Dry heat bags

Cat. No.	L x W (mm)	Units/ box	€/ box
018001	200 x 50	100	N/A -
018002	200 x 80	100	N/A -
018003	250 x 120	100	N/A -
018005	300 x 200	100	N/A -
018004	500 x 300	100	N/A -

Dry heat sheaths

Cat. No.	Width (mm)	Roll of	€/ roll
018006	50	50 m	N/A -
018007	80	50 m	N/A -
018008	120	50 m	N/A -
018009	200	50 m	N/A -
018010	300	50 m	N/A -

Sterilsop SX bags and sheaths

Heat-sealable moist heat sterilisation packaging.
Responds to 3 main functions: permeability to the sterilising agent, maintenance of the sterility of the contents, aseptic extraction of the sterilised material.

- Complies with EN ISO 11607 and EN 868-5
- Class 1 medical device
- Permeable paper side with indicators
- Transparent pink complex side: polyester (12 µm)/polypropylene (40 µm)
- Indicators change from pink to brown after steam sterilization
- Sealing 175 °C - 185 °C (impulse sealer), 170 °C - 190 °C (scroll sealer)

Peelable bags

Dim. L x W (mm)	Cat. No.	€ 100 units
75 x 150	067960B	N/A -
75 x 200	067952B	N/A -
75 x 250	067961B	N/A -
75 x 300	067962B	N/A -
100 x 150	067963B	N/A -
100 x 250	067964B	N/A -
100 x 300	067950B	N/A -
100 x 350	067966B	N/A -
120 x 300	067967B	N/A -
150 x 200	067968B	N/A -
160 x 220	067969B	N/A -
160 x 330	067953B	N/A -
150 x 350	067970B	N/A -
210 x 420	067971B	N/A -
210 x 280	067972B	N/A -
210 x 350	067951B	N/A -
220 x 420	067974B	N/A -
280 x 350	067954B	N/A -
270 x 430	067975B	N/A -
270 x 450	067976B	N/A -
320 x 520	067977B	N/A -
420 x 500	067955B	N/A -
420 x 600	067956B	N/A -

- 6 indicators/bag (spread over 3 sides)



Flat peelable sheaths

Sheath Width (mm)	Cat. No.	€ the roll of 50 m
50	161536B	N/A -
75	161537B	N/A -
90	161538B	N/A -
100	161539B	N/A -
120	161540B	N/A -
210	161524D	N/A -
270	161527D	N/A -
320	161534B	N/A -
400	161535B	N/A -

- Indicators on both sides of the roll
- 50 m roll



ULTRA®Sterilisation bags and sheaths

- 1 non-woven porous side "ULTRA" 90 g/m² and 1 transparent side for the visualization of the content
- High resistance to mechanical forces and perforation
- Peelable without tearing
- No defibration, no particulate emissions
- Suitable for autoclave sterilisation
- Complies with NF EN ISO 11607-1 et EN 868-5



Flat sheaths

Cat. No.	Dimensions (mm)	Dimensions (mm)	Units/ box	€/ box
095125	120	70	2	N/A -
095126	160	70	2	N/A -
095129	320	70	1	N/A -
095130	380	70	1	N/A -
095131	420	70	1	N/A -
095132	470	70	1	N/A -
095133	520	70	1	N/A -
095134	580	70	1	N/A -

Flat bags

Cat. No.	Dimensions (mm)	Units/ box	€/ box
095117	120 x 400	1000	N/A -
005948	160 x 300	1200	N/A -
095120	285 x 450	500	N/A -
095121	320 x 500	500	N/A -
095122	280 x 450	500	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Sterilisation bags and sheaths made of paper/clear plastic

- Compliant with EN ISO 11607 and DIN 868-5
- Paper 70 g/m² impermeable to micro-organisms but permeable to air
- Blue Film 12/40 PET/PP
- For steam and gas sterilisation
- 3 indicators printed outside the filling area: steam, ethylene oxide, formaldehyde

Gusseted bags



Cat. No.	Dim. W x L x D (cm)	Units/ box	€/ box
019622	10 x 30 x 5	2000	N/A -
019623	10 x 40 x 5	2000	N/A -
019624	15 x 28 x 5	1000	N/A -
019625	15 x 40 x 5	1000	N/A -
019626	20 x 40 x 5	1000	N/A -
019627	20 x 48 x 5	500	N/A -
019628	25 x 48 x 6.5	500	N/A -
019629	30 x 61 x 6.5	500	N/A -
019630	41 x 61 x 6.5	500	N/A -

Flat or gusseted sheaths



Flat sheaths (200 m roll)

Cat. No.	Width (cm)	Units/ box	€/ box
019631	5	6	N/A -
019632	7.5	4	N/A -
019633	10	3	N/A -
019634	12.5	2	N/A -
019635	15	2	N/A -
019636	20	2	N/A -
019637	25	2	N/A -
019638	30	1	N/A -
019639	38	1	N/A -
019640	42	1	N/A -

Gusseted sheaths (100 m roll)

Cat. No.	Dim. W x D (cm)	Units/ box	€/ box
019641	7.5 x 2.5	4	N/A -
019642	10 x 5	3	N/A -
019643	15 x 5	2	N/A -
019644	20 x 5	2	N/A -
019645	25 x 6.5	2	N/A -
019646	30 x 6.5	1	N/A -
019647	38 x 8	1	N/A -

Flat bags



Cat. No.	Dim. W x L (cm)	Units/ box	€/ box
019606	21 x 33	1000	N/A -
019607	22 x 30	1000	N/A -
019608	22 x 35	1000	N/A -
019609	22 x 42	1000	N/A -
019610	25 x 38	1000	N/A -
019611	25 x 40	1000	N/A -
019612	25 x 42	1000	N/A -
019613	25 x 48	500	N/A -
019614	27 x 45	500	N/A -
019615	30 x 42	500	N/A -
019616	30 x 57	500	N/A -
019617	32 x 50	500	N/A -
019618	36 x 58	500	N/A -
019619	38 x 50	500	N/A -
019620	42 x 50	500	N/A -
019621	42 x 61	500	N/A -

Cat. No.	Dim. W x L (cm)	Units/ box	€/ box
019580	5.5 x 20	2000	N/A -
019581	5.5 x 25	2000	N/A -
019582	7.5 x 15	2000	N/A -
019583	7.5 x 20	2000	N/A -
019584	7.5 x 25	2000	N/A -
019585	7.5 x 30	2000	N/A -
019586	10 x 15	2000	N/A -
019587	10 x 20	2000	N/A -
019588	10 x 25	2000	N/A -
019589	10 x 30	2000	N/A -
019590	10 x 36	1000	N/A -
019591	10 x 40	1000	N/A -
019592	10 x 52	1000	N/A -
019593	12.5 x 25	2000	N/A -
019594	12.5 x 30	2000	N/A -
019595	12.5 x 40	1000	N/A -
019596	12.5 x 52	1000	N/A -
019597	15 x 20	1000	N/A -
019598	15 x 27	1000	N/A -
019599	15 x 30	1000	N/A -
019600	15 x 38	1000	N/A -
019601	15 x 61	1000	N/A -
019602	16 x 22	1000	N/A -
019603	20 x 27	1000	N/A -
019604	20 x 40	1000	N/A -
019605	20 x 61	1000	N/A -

Clear plastic non-woven bags and sheaths



- Compliant with EN ISO 11607 and DIN 868-5
- Made of 60 g/m² fleece and plastic film: flexible fleece with high air and vapour permeability for large volumes
- For steam and gas sterilisation
- 3 indicators printed outside the filling area: steam, ethylene oxide, formaldehyde

Cat. No.	Type	Dimensions W x L	Units/ box	€/ box
019648	Flat bag	27 x 36 cm	500	N/A -
019649	Flat bag	32 x 45 cm	500	N/A -
019650	Flat bag	40 x 52 cm	250	N/A -
019651	Flat bag	50 x 60 cm	250	N/A -
019652	Flat bag	57 x 72 cm	250	N/A -
019653	Flat sheath	20 cm x 100 m	2	N/A -
019654	Flat sheath	42 cm x 100 m	1	N/A -

Tyvek® bags and sheaths, transparent plastic



- Complies with EN ISO 11607 and DIN 868-9
- In Tyvek® 1073B of 75 g/m²
- For heat sensitive instruments
- Plasma sterilisation, ethylene oxide, irradiation
- 2 indicators printed outside the filling area: plasma, ethylene oxide
- Very limited ethylene oxide absorption, low residual gases
- Excellent barrier against micro-organisms and moisture
- Heat sealable between 115 and 135 °C

Cat. No.	Type	Dimensions W x L	Units/ box	€/ box
019655	Flat bag	7.5 x 20 cm	1000	N/A -
019656	Flat bag	10 x 27 cm	500	N/A -
019657	Flat bag	15 x 30 cm	500	N/A -
019658	Flat bag	20 x 40 cm	500	N/A -
019659	Flat bag	25 x 48 cm	500	N/A -
019660	Flat sheath	7.5 cm x 100 m	2	N/A -
019661	Flat sheath	10 cm x 100 m	2	N/A -
019662	Flat sheath	15 cm x 100 m	1	N/A -
019663	Flat sheath	20 cm x 100 m	1	N/A -
019664	Flat sheath	25 cm x 100 m	1	N/A -
019665	Flat sheath	30 cm x 100 m	1	N/A -
019666	Flat sheath	38 cm x 100 m	1	N/A -
019667	Flat sheath	50 cm x 100 m	1	N/A -

Bags and sheaths for sterilisation

Flat bags (sealable)

Cat. No.	W x L (mm)	Pack unit.	€
005906	80 x 250	100	N/A -
005909	120 x 200	100	N/A -
005915	160 x 200	100	N/A -
005919	160 x 500	100	N/A -
005922	220 x 300	100	N/A -
005924	220 x 450	100	N/A -
005929	250 x 400	100	N/A -
005934	285 x 450	100	N/A -
005939	320 x 550	100	N/A -
005945	420 x 650	100	N/A -



Other sizes available on www.dulis.nl

Gusseted bags (sealable)

095012B	100 x 300 x 40	100	N/A -
095013B	160 x 360 x 45	100	N/A -
095014	200 x 400 x 50	100	N/A -
095015B	320 x 500 x 60	100	N/A -
095016B	420 x 600 x 90	100	N/A -

Flat bags (self-adhesive closure)

095017	70 x 230	100	N/A -
095018	90 x 230	100	N/A -
095020	130 x 254	100	N/A -
095116	130 x 356	100	N/A -
095021	200 x 330	100	N/A -
095022	300 x 390	100	N/A -

Flat sheaths (welded closure)

Cat. No.	Width (mm)	€ the 200 m roll
095023B	50	N/A -
095024B	80	N/A -
095025D	120	N/A -
095026B	160	N/A -
095027B	220	N/A -
095028B	285	N/A -
095029B	320	N/A -
095030B	420	N/A -

Flat sheaths and bags



For autoclave and ethylene oxide.
Bags and sheaths for packaging devices, compatible with steam and ethylene oxide gas sterilisation processes.

- 1 paper 60 g/m² side, 1 transparent PET/PP plastic side
- Steam and gas sterilisation indicator OE
- Welded or self-adhesive closure
- Flat (single) bags and sheaths or gusseted (increases bag capacity) bags and sleeves
- Sachets and sheaths are peelable when opened

Gusseted sheaths and bags



Gusseted sheaths (welded closure)

Cat. No.	L x W (mm)	Roll length (m)	€ the roll
095109	75 x 30	100	N/A -
095110	100 x 40	100	N/A -
095111	150 x 50	100	N/A -
095112	200 x 50	100	N/A -
095113	250 x 60	100	N/A -
095114	300 x 60	100	N/A -
095115	380 x 80	100	N/A -
095037	420 x 90	66	N/A -

Quattro Premium sterilisation bags and sheaths

- For steam sterilisation, ethylene oxide; with class 4 sterilisation indicators
- In paper (60 g/m²) and polypropylene and polyethylene film (50 µm)
- Puncture resistant, multi-layer thick polypropylene and polyethylene film
- Blue transparent film for easy viewing of contents and identification of tears or perforations
- Clean opening of the seal for aseptic extraction of the contents





Self-adhesive flat sterilisation bags

Cat. No.	Dimensions (mm)	€ the box of 200
475315A	70 x 229	N/A -
475316A	89 x 133	N/A -
475317A	89 x 229	N/A -
475318A	57 x 102	N/A -
475319A	133 x 254	N/A -
475320A	191 x 330	N/A -
475321A	254 x 356	N/A -
475322A	305 x 432	N/A -

Flat sterilisation sheaths

Cat. No.	Dimensions (mm)	€ the roll of 200
475328A	50	N/A -
475329A	75	N/A -
475330A	100	N/A -
475331A	150	N/A -

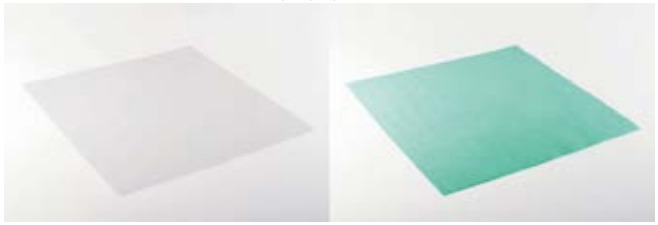
All prices are indicative and exclude VAT. Visit www.dulis.nl

Sterilisation foils

➤According to ISO 11607, EN 868, CE

➤For the packaging of parts to be sterilised, from the lightest to the most demanding

Sterilisation foils made of crepe paper



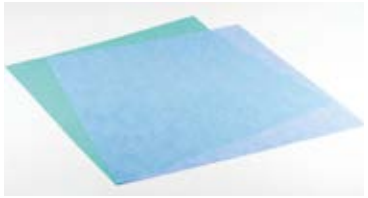
➤The standard paper for packaging kits and lightweight instruments

➤100% medical grade cellulose paper

➤The "Crepe Sensitive" material is softer and more flexible to use

White	Green	Dim. L x W (cm)	Units/ box	€/ box
		Standard Crepe paper		
019504	019512	80 x 80	250	N/A -
019505	019513	90 x 90	250	N/A -
019506	019514	100 x 100	250	N/A -
019507	019515	120 x 120	125	N/A -
		"Sensitive" crepe paper		
019517	019522	75 x 75	250	N/A -
019518	019523	90 x 90	250	N/A -
019519	019524	100 x 100	250	N/A -

Alternately stacked sheets



➤Damage to the packaging is more easily distinguishable through the alternately stacked sheets

➤Use the green non-woven fabric in internal packaging

Cat. No.	Dim. L x W (cm)	Units/ box	€/ box
	Blue/green non-woven 52 g/m²		
019544	75 x 75	200	N/A -
019545	90 x 90	200	N/A -
019546	100 x 100	200	N/A -
019547	120 x 120	100	N/A -
019548	120 x 140	100	N/A -
	SMMS 43 g/m² and green non-woven 57 g/m²		
019573	75 x 75	200	N/A -
019574	100 x 100	200	N/A -
019575	120 x 120	120	N/A -
019576	140 x 140	120	N/A -
	SMMS 60 g/m² and green non-woven 67 g/m²		
019577	100 x 100	160	N/A -
019578	120 x 120	120	N/A -
019579	140 x 140	80	N/A -

Non-woven sterilisation sheets 52 g/m²

➤For packaging instrument baskets and textiles

Blue	Green	Dim. L x W (cm)	Units/ box	€/ box
019526	019537	50 x 50	500	N/A -
019527	019538	60 x 60	500	N/A -
019528	019539	75 x 75	200	N/A -
019529	019540	90 x 90	200	N/A -
019530	019541	100 x 100	200	N/A -
019531	-	100 x 140	100	N/A -
019532	019542	120 x 120	100	N/A -
019533	-	120 x 140	100	N/A -
-	019543	130 x 130	100	N/A -
019534	-	130 x 150	100	N/A -
019535	-	140 x 140	100	N/A -
019536	-	150 x 190	100	N/A -

Non-woven sterilisation sheets 59 g/m²

➤Recommended for internal packaging of heavy parts

➤Made of cellulose blend with polyester fibres: good strength and drape

Blue	Dim. L x W (cm)	Units/ box	€/ box
019549	60 x 60	500	N/A -
019550	75 x 75	200	N/A -
019551	90 x 90	200	N/A -
019552	100 x 100	200	N/A -
019553	120 x 120	100	N/A -
019554	140 x 140	100	N/A -

Polypropylene non-woven sterilisation sheets SMMS 37 g/m² or 60 g/m²



➤Polypropylene fibres in 4 layers: The 2 Spunbond layers provide exceptional flexibility and drapability, whereas the 2 meltblown layers provide excellent defence against bacteria.

➤Offers good tear resistance

Blue	Dim. L x W (cm)	Units/ box	€/ box
	37 g/m²		
019555	75 x 75	200	N/A -
019556	90 x 90	200	N/A -
019557	100 x 100	200	N/A -
019558	120 x 120	120	N/A -
019559	120 x 140	120	N/A -
019560	140 x 140	120	N/A -
019561	140 x 190	80	N/A -
	60 g/m²		
019570	100 x 100	104	N/A -
019571	120 x 120	96	N/A -
019572	140 x 140	80	N/A -

Polypropylene non-woven sterilisation sheets SSMMS 43 g/m²

➤Non-woven polypropylene 43 g/m²

➤For packaging heavier medical products

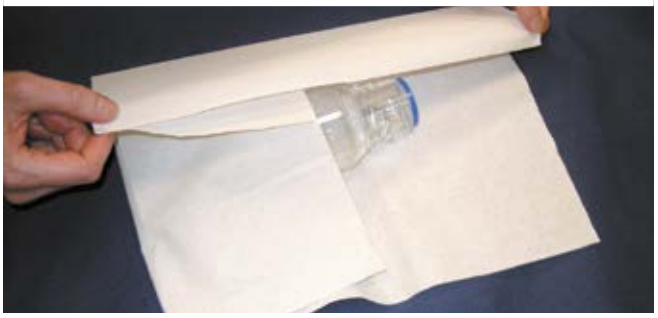
➤Promotes the absorption of residual moisture after sterilisation

➤Compliant with DIN EN 13795: surgical drapes for "less critical areas"

➤1 blue side, 1 purple side

Cat. No.	Dim. L x W (cm)	Units/ box	€/ box
019562	50 x 50	500	N/A -
019563	75 x 75	200	N/A -
019564	90 x 90	200	N/A -
019565	100 x 100	200	N/A -
019566	120 x 120	120	N/A -
019567	120 x 140	120	N/A -
019568	140 x 140	120	N/A -
019569	150 x 190	48	N/A -

Sterilising paper sheets



- Format 40 x 60 cm
- For dry heat sterilisation
- Supplied per 500 sheets

Cat. No.	Description	€ 500 units
006950	Sterilisation sheets	N/A -

Greaseproof paper



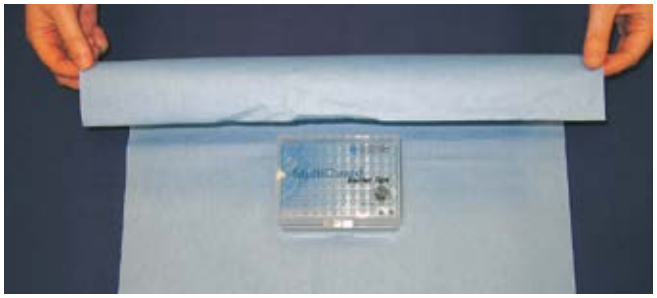
Large sheet paper 65 cm x 1 metre.
For sterilisation and packaging of large objects.

Cat. No.	Description	€ 500 units
094001	Greaseproof paper 65 x 100 cm	N/A -

DEXTEX Sterilisation sheets

Non-woven sterilisation sheets. For packaging various products for ethylene oxide or steam sterilisation. Two models available:
- DEXTEX 1 (blue) 56 g/m², 64 % cellulose, 10 % polyester fibres, 26% acrylic binder;
- DEXTEX 2 (green) 67 g/m², 64 % cellulose, 15 % polyester fibres, 21 % acrylic binder

- Prevent migration of micro-organisms
- Hydrophobic packaging
- Non-woven, lint-free



DEXTEX 1 non-woven sterilisation sheets 56 g/m²

Cat. No.	L x W (mm)	Units/ box	€/ box
095046	500 x 500 mm	500	N/A -
095047	600 x 600 mm	500	N/A -
095048B	750 x 750 mm	200	N/A -
095049B	900 x 900 mm	200	N/A -
095050	1000 x 1000 mm	200	N/A -
095051	1200 x 1200 mm	100	N/A -
095052	1370 x 1370 mm	100	N/A -

DEXTEX 2 non-woven sterilisation sheets 67 g/m²

Cat. No.	L x W (mm)	Units/ box	€/ box
095055	600 x 600 mm	500	N/A -
095056	750 x 750 mm	250	N/A -
095057	900 x 900 mm	250	N/A -
095058	1000 x 1000 mm	200	N/A -
095059	1200 x 1200 mm	100	N/A -

SENSITIVE Sterilisation sheets

- Economical solution
- Made of crepe paper, 60 g/m²
- High water resistance
- Suitable for steam and ethylene oxide sterilisation
- Easy to handle
- Good mechanical strength in dry or wet condition



Crepe sterilisation sheets, lilac

Cat. No.	L x W (mm)	Units/ box	€/ box
095100	500 x 500 mm	500	N/A -
095071	600 x 600 mm	500	N/A -
095072	750 x 750 mm	250	N/A -
095073	900 x 900 mm	250	N/A -
095075	1000 x 1000 mm	200	N/A -
095076	1200 x 1200 mm	125	N/A -

Crepe sterilisation sheets, green

Cat. No.	L x W (mm)	Units/ box	€/ box
095081	500 x 500 mm	500	N/A -
095083	600 x 600 mm	500	N/A -
095041	750 x 750 mm	250	N/A -
095084	900 x 900 mm	250	N/A -
095086	1000 x 1000 mm	250	N/A -
095087	1200 x 1200 mm	125	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

INDICATORS FOR STERILISATION

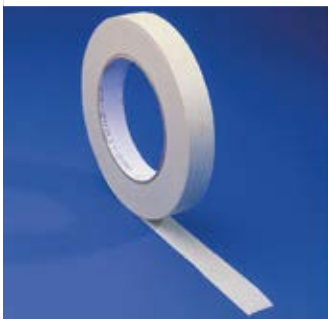
Autoclave indicator tape



- Self-adhesive
- Roll 19 mm x 50 m
- For steam sterilisation between 121 °C and 134 °C
- The tape changes colour when sterilisation is carried out

Cat. No.	Description	€
490009	Autoclave indicator tape	N/A -

Neutral autoclave adhesive tape





Adhesive tape for closing containers or packaging products for autoclaving. Does not have a sterilisation indicator.

Cat. No.	Description	€
150262	18 mm x 50 m roll	N/A -
150272	24 mm x 50 m roll	N/A -
150263	48 mm x 50 m roll	N/A -
086000	Tape dispenser	N/A -

Sterilisation indicator tapes



The adhesive indicator tapes to be placed on the products to be sterilised allow the passage to sterilisation to be certified. Coloured bands appear at the end of the sterilisation process. 3 models of indicator tapes are available: for autoclave (wet heat), for poupinel (dry heat) and for gas (ethylene oxide).
Dispensers 086000 and 140265 are suitable for use with the tape (see page 1235).

Cat. No.	Description	Dimensions	Units/ box	€/ box
150260	Autoclave Indicator tape	50 m x 19 mm	1	N/A -
150261	Poupinel Indicator tape	55 m x 19 mm	1	N/A -
095038	Ethylene oxide Indicator tape	50 m x 19 mm	1	N/A -
150267	Autoclave Indicator tape 3M	55 m x 18 mm	1	N/A -
150283	Autoclave Indicator tape 3M	55 m x 24 mm	1	N/A -

Steripoint® sterilisation indicator



- High accuracy in the shift time
- Constant reproducibility
- Quality commitment due to the numerous controls of shift times during production
- The shift of Steripoint® is inhibited by the presence of a steam / air or gas mixture, or when one of the parameters of the cycle is insufficient
- The shift from purple to green ink indicates compliance of time, temperature and steam conditions during sterilisation cycles

Cat. No.	Colours	Sterilisation point	Units/ box	€/ box
950171	Blue	134 °C 3.5 min. - 121 °C 15 min.	250	N/A -
950172	Pink	134 °C 5.3 min. - 121 °C 15 min.	250	N/A -
950173	Orange	134 °C 7 min. - 121 °C 20 min.	250	N/A -
950174	Green	134 °C 18 min.	250	N/A -

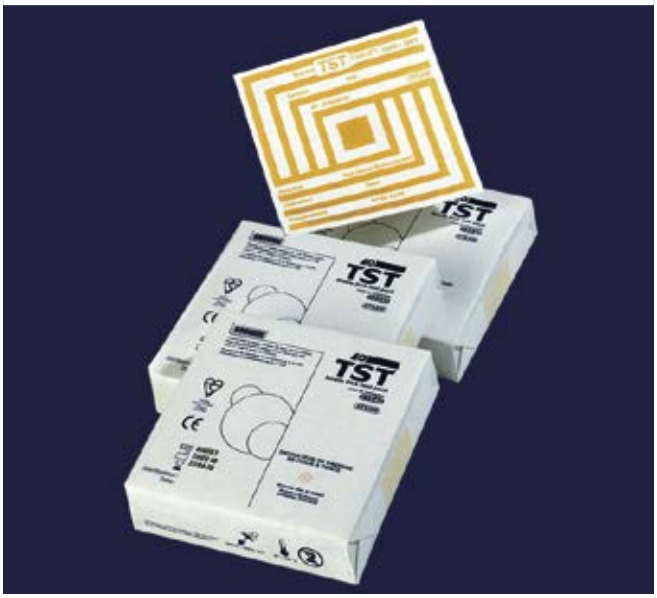
Sterilisation and washing indicators



- Non-sequential integrator
- Declination according to autoclave cycles:
  - TST SKC short cycle: 121 °C/15 min
  - TST 3702 standard cycle: 125 °C/20 min

Cat. No.	Description	Units/ box	€/ box
972446	Sterilisation and washing indicator TST SKC short cycle	200	N/A -
972440	Sterilisation and washing indicator 3702 SKC short cycle	200	N/A -

Bowie-Dick Browne autoclave pack



Ready-to-use Bowie-Dick test pack for steam sterilizers. Indicator to be used in specific tests as defined in EN 867-1 class B and 867-4 and ISO 11140 class 2. Instructions for use: place the test in the centre of the top shelf and perform a BD cycle. Open the packet and check the sheet: a successful test is blue, another colour indicates a failure.

- **Colour shift: from yellow to blue**
- **CE marked medical device**
- **Single use**
- **L x W x H (mm): 125 x 125 x 30**

Cat. No.	Description	Tests/ pack	€ / pack
972455	Bowie-Dick Browne Pack for autoclave	20 tests	N/A -

Bowie & Dick VISA test



To approach the daily vapour penetration test.
The test sheet is placed in a ''sandwich'' within 2 laminated layers, reproducing the strain of steam penetration in accordance with EN 867-4. The removal of the paper packaging improves the constraints linked to waste disposal.

- **Lead-free ink**
- **Colour shift from pink to green**
- **Compact: facilitates storage conditions**
- **Reproducibility and stability of the shift after sterilisation (stable over several years)**
- **Blotting paper test sheet placed between two laminate layers: removal of wrapping paper pack**
- **Minimum exposure conditions: 134 °C in saturated steam for 3 minutes 30 seconds, 121 °C in saturated steam for 15 minutes.**
- **Standards: EN ISO 11140-1 (class 2) and EN ISO 11140-4**

Cat. No.	Description	Tests/ pack	€ / pack
095096	Bowie & Dick Test VISA	120 tests	N/A -

Bowie & Dick Test "Mini-Control Pack"



Steam penetration test "Mini-Control Pack".

- **Lead-free ink**
- **Turning from blue to black**
- **Stable shift over several years**
- **Standars: EN ISO 11140-1 (class 2) and EN ISO 11140-4**
- **Can be used in large or small type b sterilizers (EN 13060)**
- **Sheets of blotting paper reproducing the constraints of the original Bowie & Dick test**
- **Minimum exposure conditions: 134 °C, saturated steam for 3 minutes 30 sec. or 121 °C saturated steam for 15 minutes**

Cat. No.	Description	Tests/ pack	€/ pack
095040	Test Mini-control Pack	30 tests	N/A -

Prion Emulator 134-18 NS



The Prion 134-18 NS emulator is a multi-parameter class 6 indicator (temperature, time and saturated steam). It is used for steam sterilisation, Prion cycle 134 °C / 18 minutes.

- **Class 6 non-sequential emulator**
- **Multi-parameters (time/temperature/steam contact)**
- **Designed to improve the threshold of detection of possible malfunctions**
- **Physiochemical ink**
- **2 laminated sides to avoid any risk of migration**
- **Compliance with EN ISO 11140-1**

Cat. No.	Description	Units/ box	€/ box
095089	Prion Emulator 134-18 NS	250	N/A -

Gamma ray sterilisation indicators

- **12.5 mm diameter adhesive labels**
- **Store in the fridge between 5 and 10 °C**
- **Exposition › 10 kGy: colour shift from yellow to red**
- **24 month life span**

Cat. No.	Description	Labels/ roll	€ / roll
071500	Round gamma sterilisation indicator labels	5000	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Brushes for cleaning glass tubes



Cat. No.	Length (mm)	L x ø head (mm)	€
020391	290	100 x 30	N/A -
020392	360	120 x 50	N/A -

Brushes for burettes and tubes



➤ **Brush for burettes: nylon garnishing**

➤ **Brushes for tubes: straight plastic end**

Cat. No.	Diameter (mm)	Lining	Tip	Brush length (mm)	Total length (mm)	€
069142A	4	Nylon 9/100°	Rough end	50	450	N/A -
069143A	4	Nylon 10/100°	Twisted with loop	60	480	N/A -
069146A	4	Nylon 10/100°	Rough end	40	250	N/A -
069141A	6	Nylon 10/100°	Rough end	50	450	N/A -
069140A	10	Silk	Twisted with loop	110	480	N/A -
069137A	12	Silk	Twisted with loop	80	270	N/A -
069138A	12	Silk	Tufted end	80	270	N/A -
069144A	15	Silk	Tufted end	80	270	N/A -
069130A	18	Silk	Twisted with loop	110	360	N/A -
069131A	18	Silk	Tufted end	110	360	N/A -
069132A	25	Silk	Twisted with loop	110	360	N/A -
069133A	25	Silk	Tufted end	110	360	N/A -
069127A	25	Nylon 20/100°	Tufted end	110	610	N/A -
069134A	30	Silk	Twisted with loop	110	360	N/A -
069136A	30	Nylon 30/100°	Twisted with loop	110	360	N/A -
069135A	30	Silk	Tufted end	110	360	N/A -
069129A	50	Silk	Tufted end	120	620	N/A -
069128A	50	Silk	Twisted with loop	90	440	N/A -

Miele ProCare Lab cleaning product range

For various applications and soil removal in washer-disinfectors.

Produit	ProCare Lab 11 MA	ProCare Lab 11 AP	ProCare Lab 10 MA		ProCare Lab 10 AP		ProCare Lab 10 AT		ProCare Lab 10 AO		ProCare Lab 30 C		ProCare Lab 30 P	
pH value	Detergent, mildly alkaline	Alkaline detergent	Alkaline detergent		Alkaline detergent		Alkaline detergent		Alkaline detergent		Acid neutralizing agent based on citric acid		Acid neutralizing agent based on phosphoric acid	
PH range	11.7 - 11.9	11.5 - 11.7	11.6 - 11.8		12.5 - 12.7		12.2 - 12.5		11.8 - 12.1		2.9 - 2.5		-	
Physical state	Powder	Powder	Liquid		Liquid		Liquid		Liquid	Powder	Liquid		Liquid	Powder
Properties	Anti-foam action, without oxidising agents	Oxidising effect, phosphate-free	Free of surfactants and oxidising agents		Free of surfactants, phosphates, and oxidising agents		Surfactants, without phosphates, silicates or oxidising agents		Oxidising agents, without surfactants		Free of surfactants and phosphates		Surfactant-free	
Components	Phosphates, silicates, surfactants	Oxygen bleach, surfactants	Alkali hydroxide, phosphates, silicates		Alkaline hydroxide, polycarboxylates		Alkaline hydroxide, polycarboxylates, surfactants		Chlorine-based bleach, phosphates		Citric acid		Phosphoric acid	
Types of soiling	Blood, proteins, food residues	Organic impurities and inorganic	Blood, protein, soil residues		Stubborn and dry residues		Stubborn residues such as oils, greases, paraffins, resins, organic dyes		Blood, proteins, soil residues, inorganic residues, cell culture residues and tissue, radioactive components, algae		Acid soluble residues		Limestone and other acid soluble impurities	
Compatible materials	Stainless steel, laboratory glassware, ceramics, and plastics (PE, PP, PVDF, PTFE)	Stainless steel, laboratory glassware, ceramics, and plastics (PE, PP, PVDF, PTFE)	Stainless steel, laboratory glassware, ceramics, and plastics (PE, PP, PVDF, PTFE)		Stainless steel, laboratory glassware, ceramics, and plastics (PE, PP, PVDF, PTFE)		Stainless steel, laboratory glassware, ceramics, and plastics (PE, PP, PVDF, PTFE)		Stainless steel, laboratory glassware, ceramics, and plastics (PE, PP, PVDF, PTFE)		Stainless steel, laboratory glassware, ceramics, and plastics (PE, PP, PVDF, PTFE), neutralisation of non-anodised aluminium		Stainless steel, laboratory glassware, ceramics, and plastics (PE, PP, PVDF, PTFE)	
Non-compatible materials	Anodised aluminium	Light metals, non-ferrous metals, aluminium, anodised aluminium	Anodised aluminium		Light metals, non-ferrous metals, aluminium, anodised aluminium		Light metals, non-ferrous metals, aluminium, anodised aluminium		Light metals, non-ferrous metals, anodised aluminium, aluminium		Light metals, non-ferrous metals, chrome and nickel surfaces, anodised aluminium, acid pre-wash of non-anodised aluminium		Light metals, non-ferrous metals, chrome and nickel surfaces, anodised aluminium, aluminium	
Packaging	10 kg	10 kg	5 l	10 l	5 l	10 l	5 l	10 l	5 l	12 kg	5 l	10 l	5 l	12 kg
Cat. No.	**933452**	**933453**	**933444**	**933445**	**933446**	**933447**	**933448**	**933449**	**933450**	**933451**	**933454**	**933455**	**933456**	**933457**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Produit	ProCare Lab Universal 61
Physical state	Regenerating salt, coarse-grained
Applications	Limescale deposition and load protection
Packaging	6 kg
Cat. No.	**933458**
€	**N/A -**

Accessory

Cat. No.	Description	€
933459	Canister key, facilitates the opening of sealed canisters for safety reasons	N/A -



Neodisher®Detergents and disinfectants





















Neoform K plus

Alkaline detergent powder

- **Neodisher® A8: intensive alkaline detergent with high cleaning power for laboratory glassware**
- **Neodisher® F: intensive detergent with high cleaning power, good complexing and dispersing efficiency, phosphate-free, surfactant-free**
- **Neodisher® GK: low-alkaline detergent with disinfectant action, especially for glass objects with cell and tissue cultures, free of surfactants**
- **Neodisher® LA: intensive detergent with high emulsifying, dispersing and non-foaming efficiency, particularly suitable for the removal of greases, oils and paraffins**

Liquid alkaline detergents

- **Neodisher® FA: a good emulsifying and dispersing detergent with high material protection, free of surfactants and oxidising agents**
- **Neodisher® FT: Surfactant-free detergent especially for microbiology**

Acid neutralizers and detergents

- **Neodisher® N: phosphoric acid-based neutralizer and acid detergent, neutralizes by adding to the first rinse after using an alkaline detergent, without surfactants**
- **Neodisher® Z: Neutralizer and acid detergent based on organic acids, free of surfactants, phosphates and nitrogen-containing complexing agents. Particularly suitable as a neutraliser when added to the first rinse after using a low alkaline detergent**

Additive products

- **Neodisher® S Defoamer: based on emulsified silicone oil A small dose is sufficient to prevent foam, even at low temperatures**

Disinfectant for food surfaces

- **Neoform K Plus: terminal disinfection after the rinsing phase or cleaning and disinfection in one operation.**

	Neodisher N			Neodisher Z			Neodisher A8		Neodisher F	Neodisher GK	Neodisher LA	Neodisher FA		Neodisher FT	Neodisher S Defoamer	Neoform K Plus	
Use																	
- In autoclave	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		
- In manual																•	•
Function																	
- Washing				•	•	•	•	•	•	•	•	•	•	•	•	•	•
- Neutralization	•	•	•														
Agents																	
- A.C.S.	-	-	-	-	-	-	Chlorine	Chlorine	-	Chlorine	-	-	-	Chlorine	Silicone	-	-
- Caustic alkalis							•	•	•					•			
- Alkali salts							•	•	•	•	•	•	•				
- Complexing agents							•	•	•	•	•	•	•	•			
- Combinations phosphoric	•	•	•				•	•		•	•	•	•	•			
- Acid	•	•	•	•	•	•											
- Surfactants, emuls. agents											•				•		
pH range	Acid	Acid	Acid	Acid	Acid	Acid	Alkaline	Alkaline	Alkaline	Alkaline	Alkaline	Alkaline	Alkaline	Alkaline	Neutral	-	-
Physical state	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Powder	Powder	Powder	Powder	Powder	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid
Conditionnement	Flacon	Bidon	Bidon	Bidon	Bidon	Bidon	Bucket	Flacon	Bucket	Bucket	Bucket	Bidon	Bidon	Bidon	Flacon	Bidon	Bidon
Weight	1 l	5 l	12 kg	5 l	10 l	20 l	10 kg	1 kg	3 kg	10 kg	3 kg	5 l	10 l	12 kg	1 l	5 l	10 l
Cat. No.	**148606**	**148600**	**148601**	**148602**	**148603**	**148615**	**148616**	**148607**	**148619**	**148620**	**148621**	**148622**	**148623**	**148625**	**148627**	**148629B**	**148630B**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

RBS detergents and cleaners

Range of cleaning products for various uses.

- Available in different pH ranges

Liquid detergents for manual, ultrasonic or soaking cleaning

- T 141: Alkaline multipurpose detergent cleaner
- T 105: alkaline detergent
- T 115: alkaline detergent phosphate-free
- T 120: alkaline detergent, phosphate-free, chloride-free
- T 230: neutral detergent
- T 305: acidic detergent based on phosphoric acid
- T 310: acidic detergent, phosphoric-acid-free
- T 342: deoxidising cleaner based on nitric acid

Liquid detergents for automatic washing machines

- 50: Alkaline detergent
- A 260: Neutral detergent
- B 136: Acid detergent phosphoric acid based
- Available with or without phosphate

Powder detergents for automatic washing machines

- SOLID: alkaline detergent
- SOLID pF: alkaline detergent, phosphate-free

Acid neutralizers for automatic washing machines

- A 375: Phosphate-free acid neutralizer
- NA 2: Acid neutralizer based on phosphoric acid
- To be used in conjunction with alkaline detergents

Radioactive cleaning and decontamination agent

- IND 470: cleans and decontaminates, halogen-free



711666



711669



711670



711687

	T 105	T 115	T 120	T 230	T 305	T 310	T 141	T 342	50	A 260	B 136	SOLID	A 375	NA 2	IND 470
Use															
Automatic machine									•	•	•	•	•	•	
Manual or by dipping	•	•	•	•	•	•	•	•							•
For ultrasonic baths	•	•	•	•	•	•	•	•							
Applications															
Glassware	•	•	•				•	•	•			•	•	•	
Stainless steel, plastic, porcelain	•	•	•				•		•				•	•	
Sensitive materials (Al, Zn, and alloys)				•			•	•		•					
Descaler, deoxidiser Ideal for animal cages					•	•		•			•				
Acid neutralizer													•	•	
Radioactive decontamination															•
Physical state															
Liquid	•	•	•	•	•	•	•	•	•	•	•		•	•	•
Powder												•			
pH	Alkaline	Alkaline	Alkaline	Neutral	Acid	Acid	Alkaline	Acid	Alkaline	Neutral	Acid	Alkaline	Acid	Acid	Alkaline
Composition															
Phosphate-free		•	•			•							•		
Chloride free			•												
Phosphoric acid based					•						•			•	
Packaging	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	2 x 4.5 kg	4 x 5 l	4 x 5 l	4 x 5 l
Cat. No.	**711668**	**711666**	**711669**	**711670**	**711671**	**711672**	**711688**	**711689**	**711673**	**711686**	**711676**	**711687**	**711679**	**711680**	**711681**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Packaging	5 l	-	5 l	5 l	5 l	5 l	5 l	5 l	5 l	5 l	5 l	4.5 kg	5 l	5 l	5 l
Cat. No.	**711668A**	**-**	**711669A**	**711670A**	**711671A**	**711672A**	**711688A**	**711689A**	**711673A**	**711686A**	**711676A**	**711687A**	**711679A**	**711680A**	**711681A**
€	**N/A -**	**-**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Franklab disinfectant detergents



	TFD 4	TFD 4 PF	TFD Neutral	DDN 9	TFD 7	TFD 7 PF	TFD 14	TFD 14 PF	Neutrax PF	Phosphax	NA 6	TFD Powder
Type	Foaming degreasing detergent			Neutral disinfectant detergent for the pre-disinfection of DM	Alkaline degreasing detergent				Acidic rinse agent for scrubbers	Acid neutralizer for scrubbers and renovation of surgical instruments	Detergent for cleaning animal cages	Alkaline powder detergent
Use												
Washer-disinfectors					x	x	x	x	x	x	x	x
Manual or soaking	x	x	x	x						x	x	x
Ultrasonic baths	x	x	x	x						x		
Properties												
Disinfectant				x								
Radioactive decontaminant	x	x	x	x	x	x	x	x				x
Applications												
Glassware	x	x	x	x	x	x	x	x	x			x
Stainless steel, plastic, porcelain	x	x	x	x	x	x	x	x	x			x
Sensitive materials			x	x	x	x			x	x	x	
Cages for animals										x	x	
Neutralizer									x	x		
Type	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Liquid	Powder
pH	Alkaline	Alkaline	Neutral	Neutral	Alkaline	Alkaline	Alkaline	Acid	Acid	Acid	Acid	Alkaline
Composition												
Phosphate-free		x				x		x	x			x
Chloride free	x	x	x		x	x	x	x	x	x		x
Phosphoric acid based										x	x	
Cat. No.	**711590**	**711552**	**711526B**	**711591**	**711592**	**711593**	**711542B**	**711557**	**711540B**	**711594**	**711565**	**711173**
Packaging	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 l	4 x 5 kg
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No.	**711169B**	**711552A**	**711526A**	**711514B**	**711170B**	**711549**	**711542A**	**711557A**	**711540A**	**711528B**	**711565A**	**711173A**
Packaging	1 x 5 l	1 x 5 l	1 x 5 l	1 x 5 l	1 x 5 l	1 x 5 l	1 x 5 l	1 x 5 l	1 x 5 l	1 x 5 l	1 x 5 l	1 x 5 kg
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No.					**711253**	**711555**	**711527**	**711558**	**711172**	**711563**	**711595**	-
Packaging					2 x 10 l	2 x 10 l	2 x 10 l	2 x 10 l	2 x 10 l	2 x 10 l	2 x 10 l	-
€					**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	-
Cat. No.					**711253A**	**711555A**	**711527A**	**711558A**	**711172A**	**711563A**	**711174**	-
Packaging					1 x 10 l	1 x 10 l	1 x 10 l	1 x 10 l	1 x 10 l	1 x 10 l	1 x 10 l	-
€					**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

Anios RN Neutralizer



Machine rinser and neutralizer. Neutralization of alkaline residues from detergents and water during the automatic machine washing cycle of medical-surgical devices and instruments.

- **Suitable for short tank washing cycles**
- **Complexing effect of minerals**
- **Traceable by conductimetry (1.77 mS/cm)**
- **Formulated with phosphoric acid (pH 2.5)**
- **Directions for use: dilute between 0.1 and 0.5% (1 to 5 ml/l); rinse with water at the end of the cycle**

Cat. No.	Description	€
059941A	ANIOS RN - 5 l canister	N/A -
059942	ANIOS RN - 10 l canister	N/A -

Anios DLH Detergent



Instrumentation detergent. Cleaning of devices and equipment.

- **Alkaline products**
- **Use with Anios RN**
- **Can be used in any water quality**
- **Non-corrosive**
- **pH 13.1**
- **Stability up to 95 °C**
- **Instructions for use: dilution between 0.3 and 0.5%; optimum temperature between 55 °C and 70 °C**

Cat. No.	Description	€
059948A	ANIOS DLH - 5 l canister	N/A -

Specific detergent for glassware Lancer LLL



- **Machine washable up to 95 °C**
- **Applicable to all types of glassware: laboratory, foodstuffs, baby bottles**
- **Sodium hydroxide based, environmentally friendly in normal use**
- **In 10 litre cans**

NEW FORMULA:

- **Phosphate-free**
- **Non-toxic**

Cat. No.	Description	€
331700B	Liquid detergent LLL 10 litres	N/A -

Lancer NLL liquid neutralizer



- **Specific rinsing solution for glassware, allows to obtain a neutral pH after washing**
- **Applicable to all types of glassware: laboratory, foodstuffs, baby bottles**
- **Acetic acid based, environmentally friendly in normal use**
- **In 10 litre cans**

Cat. No.	Description	€
331701	Liquid neutralizer NLL 10 litres	N/A -

Broxal® classic regenerating salt



- **Compacted salt for water softening in dishwashers**
- **Suitable for all types of dishwashers**

Cat. No.	Description	€
155006	Broxal regenerating salt for dishes 2 kg	N/A -

Lancer Regenerating Salt



Very high purity white salt, without insolubles that could block the softener. The packaging per kilo corresponds exactly to the quantity needed to fill the salt jar (thus avoiding random dosing). The packaging per unit allows the granulometry to be preserved in order to facilitate its dissolution during a cycle (without risk of agglomeration).

- **Allows easier handling (built-in handle, easier to store) and reduction of packaging (ISO 14001 standard)**

Cat. No.	Description	€
331705B	Regenerating salt - 2 kg	N/A -

Regenerating salt for automatic washing machines



Softens the washing water, for a residue-less cleaning.

- **Sodium chloride**
- **Odourless white granule**

Cat. No.	Description	€
711667	Regenerating salt, 5 l bucket	N/A -

NEOSEL Regenerating Salt



Recrystallising sodium chloride obtained by evaporation under vacuum and mechanically compressed. Specially developed to obtain a very high purity brine.

Cat. No.	Description	€
148608	NEOSEL Regenerating Salt - 5 kg bucket	N/A -

Tickopur and Stammopur cleaning solutions

- **Increase cavitation**
- **Cleans intensively without chlorine compounds**
- **Can be used cold or hot**



Range	Tickopur						Stammopur
Description	TR 3	R 27	R 30	R 33	RW 77	J 80 U	24
Detergent	Special	Special	Neutral	Universal	Ammoniacal	Anti-oxidant / Anti-corrosion	Disinfectant, cleaner
Type	Concentrate	Concentrate	Concentrate	Concentrate	Concentrate	Ready to use	Concentrate
Properties	Weak acid, pH 3 to 1%	Acid, pH 1.9 to 1%	Neutral, pH 7	Alkaline, pH 9.9 to 1%	Alkaline, pH 9.9 to 1%	Acid, pH 2	Alkaline, pH 9.4 to 1%
Dosage	1 to 5 %	1 to 5 %	1 to 5 %	1 to 5 %	5 to 10 %		1 to 2 %
Notes	Nitric acid based, phosphate free	Bactericidal, algicidal, fungicidal	-	-	-	Use in glass/plastic beakers	-
Recommended for the following materials	Steel, stainless steel Non-ferrous metals Precious or light metals Glass Plastics	Steel, metals Glass Ceramic Plastics	Steel Non-ferrous metals Aluminium Glass Rubber Optical compounds, strainer	Metals Glass Ceramic Plastics Rubber	Steel, stainless steel Non-ferrous metals Glass Optical compounds, strainer Plastics	Non-ferrous metals Aluminium Copper Electronic microscope optics Plastics	Highly compatible
Remove	Mineral residues Corrosion Grease Oil Waxes Pigments Grinding and polishing residues	Rust Tartar Mineral residues Silicates Phosphates Cement Urine traces	Grease Oil Dust Proteins Waxes Silicone films	Grease Oil Ink residues Proteins Waxes Silicone films	Grease Oil Waxes Silicone films Lubricants Grinding and polishing residues	Oxide layers Sulphite layers	Bacteria Tuberculosis Yeast Viruses (BVDV, HBV, HCV, HIV) Anti-corrosion
Cat. No. - 1 litre	**780143**	**780146**	**780149**	**780152**	**780155**	**780158**	**-**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**-**
Cat. No. - 2 litres	**780144**	**780147**	**780150**	**780153**	**780156**	**780159**	**780161**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No. - 5 litres	**780145**	**780148**	**780151**	**780154**	**780157**	**780160**	**780162**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No. - 25 litres	**-**	**-**	**-**	**-**	**-**	**-**	**780163**
€	**-**	**-**	**-**	**-**	**-**	**-**	**N/A -**

Detergent 7X

- **Suitable for the maintenance of cell culture material**
- **Non-toxic**
- **Safe to use for the most delicate cleaning tasks**
- **Suitable for use in machines and ultrasonic baths**



Cat. No.	Description	Can of	Units/ box	€/ box
150115	Detergent 7X	3.8 litres	4	**N/A -**
150117	Detergent 7X O-Matic	4 litres	4	**N/A -**

Detergent L-900 for plastics

Liquid detergent for cleaning plastics with a neutral pH.
Use at a concentration of 5%.



Cat. No.	Description	€
029301	Liquid detergent L-900 (4 litre can)	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Aquet detergent



- Phosphate-free
- PH neutral
- For glass or plastic surfaces
- Non-ionic
- Biodegradable
- Use diluted to 1%

Cat. No.	Description	€
088831	Aquet Detergent 20 bags x 20 ml	N/A -
085935	Aquet detergent 4 litres	N/A -

Saniris concentrated degreasing cleaner



- Foaming concentrate for all surfaces
- Degreases and destroys bad odours in a lasting way
- Free of phenol derivatives, dyes, heavy metals and phosphates
- Formulas with essential oils or neutral fragrance

Perfume	1 l bottle	5 l canister
Garrigue (thyme, rosemary, mint, eucalyptus)	005641A	005642A
Lavender (lavender, bergamot, lemon)	005644A	005645A
€	N/A -	N/A -
Neutral fragrance	005647A	005648A
€	N/A -	N/A -

Radioactive foaming degreasing/decontaminating detergent TFD4



- Odourless translucent liquid
- Alkaline solution (3% pH = 11.8; 10% pH = 12.5; pure pH = 13.5; specific gravity = 1.08)
- Composition: anionic and non-ionic surfactants, sequestering agents, stabilising agents
- Properties: detergent, bactericidal degreaser, radioactivity decontaminant, foaming, also for ultrasonic baths

Instructions for use:

- Immediate action: pour TFD4 on the surface to be cleaned. Leave for a few moments and rub in. Rinse.
- Fast acting: dilute TFD4 (3 to 5%) in hot water at about 50 °C.
- Soak the material for one hour. Brush if necessary. Rinse thoroughly with water.
- Normal action: prepare a 0.5 to 3% solution of TFD4 with warm water.
- Immerse the material for 4 to 12 hours. Rinse thoroughly.

Cat. No.	Description	€
711169B	Detergent / radioactive decontaminant TFD4 5 litres	N/A -

LIPSOL detergent



Instructions for use

- 2-5% diluted solution
- Soak the instruments between 2 and 24 hours
- Rinse well with water with a final rinse with distilled water
- Not recommended for washing machines



See other radioactive decontaminants on page 1267

Concentrated cleaning agent for laboratory and industrial applications.

- Non-corrosive, non-irritant
- Phosphate and enzyme free, fully biodegradable
- Effective as a radioactive decontamination agent
- Fully removed by rinsing
- Delivered in a sturdy UN-compliant cardboard box
- Tamper-proof cap
- Classification according to the latest CHIP standards (chemical regulations an categories chemical chemical for handling and transport)

Cat. No.	Description	€
090844	LIPSOL detergent - 5 litre canister	N/A -

Aniosyme X3 - pre-disinfectant detergent for instrumentation



- Enhanced cleaning and pre-disinfection of instrumentation
- Ultra high performance detergent, cleaning and degreasing power
- Clear blue liquid
- Optimised anti-microbial effectiveness in as little as 5 minutes
- Cleaning in an ultrasonic tank
- Collection of soiled instrumentation
- Tri-enzyme complex combined with a new generation non-ionic surfactant
- neutral pH: compatible with aluminium alloys (pH of the pure product: about 8)
- Formulated without chloride: anti-corrosive effect on materials

Instructions for use

- Dilute to 0.5%, i.e. pour a dose of 25 ml for 5 litres of cold or lukewarm water
- Immerse the device completely (recommended soaking time: 5 min)
- Brush if necessary
- Rinse thoroughly with mains water (of good microbiological quality)
- Wipe with a clean cloth

	25 x 25 ml doses	200 x 25 ml doses	1 litre dispensing bottle	12 x 1 litre dispensing bottles	5 litre canister	4 x 5 litre canister
Cat. No.	059918A	059918	059919A	059919	059920A	059920
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

Anios'Clean Excel D - pre-disinfectant instrument cleaner

- **Non-corrosive, compatible with a wide range of materials**
- **Broad antimicrobial spectrum**
- **pure pH: 7: effective formulation in soft and hard water**
- **Can be used as an ultrasonic tank**
- **Lemon scent**



Instructions for use

- To be diluted to 0.5%: a dose of 25 ml in 5 litres of cold or lukewarm tap water
- Recommended soaking time: 15 min.
- Rinse thoroughly with tap water
- Wipe with a clean cloth

	200 x 25 ml doses	12 x 1 litre bottles	1 litre bottle	4 x 5 litre cans with pump
Cat. No.	059851	059852	059852A	059853
€	N/A -	N/A -	N/A -	N/A -

WEB

Enter the references on www.dulis.nl to consult Aniosafe's voluntary eco-design commitments

Anioxide 1000 - instrument disinfectant

ANIOS high-level total disinfection of surgical, medical and endoscopy equipment, heat-sensitive materials and medical devices.



Composition

Extemporaneous production of peracetic acid from acetyl-caprolactam (PHERA system). ANIOXIDE 1000 generator contains 3% hydrogen peroxide.

Instructions for use

- Clean and rinse all instruments very thoroughly before soaking in ANIOXYDE 1000 (activated solution)
- Before using for the first time, wait at least 30 minutes
- Check the peracetic acid level with an ANIOXYDE 1000 strip
- Soaking time: 10 minutes (30 minutes for spores)
- Rinse very thoroughly with sterile or filtered water

Cat. No.	Description	Units/ box	€/ box
059669	Anioxide 1000, 5 l canister	4	N/A -
059669A	Anioxide 1000, 5 l canister	1	N/A -

Neutral disinfectant detergent DDN9

- **For pre-disinfection of instruments: recommended for hollow instruments with complex shapes**
- **Suitable for ultrasonic tanks**
- **Antibacterial and yeasticidal**



Cat. No.	Description	€
711514B	Disinfectant detergent DDN9, 5 litre canister	N/A -
711515	Disinfectant detergent DDN9, 1 litre bottle	N/A -
711516	Disinfectant detergent DDN9, 250 x 25 ml bags	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Steranios 2% and Opaster'Anios - Total cold disinfection of instruments



Instructions for use

- Ready to use: do not dilute
- Clean and rinse all instruments very thoroughly before soaking
- Soaking time according to the desired efficiency spectrum:
  - bactericidal, fungicidal, virucidal: 20 minutes
  - sporicidia: 1 hour

Cold disinfectant for instruments.

Steranios 2%

- **Simple: no neutral pH activator**
- **Effective: bactericidal, fungicidal and virucidal in 20 minutes, sporicidal in 1 hour**

Opaster'Anios

- **High level disinfectant for themosensitive medical devices**
- **Bactericidal, virucidal, fungicidal, and mycobactericidal activity in 5 minutes**
- **Anti-corrosive effect on metals sterile or filtered 0.2 µm**
- **Wide compatibility with all types of materials**
- **Active on Clostridium Difficile 0127**

Steranios 2%

Cat. No.	Description	€
059604	Steranios 2%, 5 litre canister	N/A -
059605	Steranios 2%, 4 x 5 litre canister	N/A -

Opaster'Anios

Cat. No.	Description	€
059917A	Opaster'Anios, 5 litre canister	N/A -
059917	Opaster'Anios, 4 x 5 litre canisters	N/A -
059987	Control strips - tube of 50	N/A -

ANIOS soaking bins



Soaking containers for collection, pre-disinfection of instrumentation.

- **Two models: 2 and 5 litres**
- **For use with SterAnios and Aniosyme DD1**
- **2 litre version with or without slot on the lid**

Cat. No.	Model	Int. dim. (mm)	Ext. dim. (mm)	€
059815	2 l.	230 x 170 x 90	295 x 200 x 130	N/A -
059817	2 l. with slot	230 x 170 x 90	295 x 200 x 130	N/A -
059816	5 l.	365 x 255 x 125	430 x 290 x 125	N/A -



Find all our soaking containers on www.dulis.nl

Autoclavable soaking container



- **For pre-disinfection and disinfection**
- **Polypropylene tray autoclavable at 134 °C for 18 minutes**
- **Equipped with a fish bowl and a lid**

Cat. No.	Description	Dimensions L x W x H (mm)	Volume (l)	€
972534	Tray	257 x 180 x 128	3	N/A -
972536	Bin + tray	890 x 200 x 145	12	N/A -

Non-autoclavable soaking container



- **For pre-disinfection and disinfection**
- **Equipped with a fish bowl and hollow handles**
- **Transparent anti-splash lid for easy insertion of objects without opening the lid**

Cat. No.	Description	Dimensions L x W x H (mm)	Volume (l)	€
972538	Tray	550 x 200 x 120	5	N/A -
972539	Container without tap	390 x 290 x 170	10	N/A -
972540	Container with tap	615 x 400 x 220	30	N/A -

DNA-ExitusPlus and DNA-ExitusPlus IF - RNase-ExitusPlus

DNA-ExitusPlus

For decontamination in 10 minutes at temperatures of 20 °C or above. For the decontamination of surfaces, equipment, plastics and glassware as well as pipettes. Simply apply the product to the surfaces to be decontaminated or dip the containers in the decontaminant. Instructions for use supplied with the product. Based on bio-degradable compounds. Incorporates a coloured indicator to identify the treated surface before wiping (IF version without indicator).



DNA-ExitusPlus

Volume	100 ml	500 ml	1 l	2.5 l
Spray	049918	049920	-	-
€	N/A -	N/A -	-	-
Bottle	-	-	049922	049923
€	-	-	N/A -	N/A -

DNA-ExitusPlus IF

Volume	100 ml	500 ml
Spray	049927	049929
€	N/A -	N/A -



Enter references at www.dulis.nl to compare DNA Exitus Plus to other reagents.

RNase-ExitusPlus

Non-alkaline, non-corrosive, non-carcinogenic, highly active cleaning solution for RNase contamination. Stable for about 18 months and heat resistant. Biodegradable, non-toxic compounds. Mineral acids and alkaline substances that are not harmful to equipment even after long incubation times. A temperature of about 50 °C will increase the reaction rate. Store at room temperature.

Volume	500 ml	1 l	2.5 l
Spray	049912	-	-
€	N/A -	-	-
Bottle	-	049914	049915
€	-	N/A -	N/A -

RNase Away and DNA Away

Remove all traces of RNase and DNA!

RNase Away

Ready to use, RNase Away solution avoids any risk of RNase contamination. In spray bottle or bottle.

DNA Away

To remove all traces of DNA from PCR workstations, benches and equipment. Ready to use.



RNase Away spray bottle and flask

Description	Spray bottle 475 ml	Bottle 250 ml	Bottle 1 litre	Bottle 4 litres
Cat. No.	038184	038185	038186	038187
€	N/A -	N/A -	N/A -	N/A -

DNA Away bottle

Cat. No.	Description	€
038188	250 ml bottle of DNA Away	N/A -

Decontaminant DNADecon

- **Highly effective decontamination solution for the removal of DNA and RNA contamination from surfaces, instruments and laboratory equipment**
- **Ideal for decontamination of PCR workplaces, as it destroys and completely removes DNA molecules from any surface**
- **Can also be used for decontamination of electrophoresis chambers, pipettes, reaction tubes, etc.**

Advantages: ready to use, non-alkaline, non-carcinogenic



Cat. No.	Description	€
215445	250 ml Spray bottle	N/A -
215446	500 ml Refill	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Incubator-Clean™



Disinfectant solution for incubators, sterile cell culture benches and molecular biology laboratories. Prevents contamination and growth of fungi and spores, yeast, bacteria and spores, mycoplasma and viruses (including HIV and Hepatitis B).

- **Active ingredient: benzylammonium quaternary**
- **Nontoxic and biodegradable**
- **Compatible with most work surfaces: aluminium, chrome, nickel steel, polycarbonate..**
- **Sterile, filtered solution in a spray bottle**
- **Storage: at room temperature**
- **Stability: minimum 3 years**
- **Recommendations for use:**
  - **incubators: spray incubators every 15 days**
  - **dry without leaving any residue, so there is no need to rinse**
  - **sterile benches: to be used before each manipulation on the bench**

Cat. No.	Type	€
670931	Incubator Clean 500 ml	N/A -

Incuwater-Clean™



Disinfectant for use in incubator water tanks.

- **Non-toxic, non-volatile**
- **Does not damage stainless steel or copper trays in CO_2 incubators**
- **Conditions of use: add 50 ml of Incuwater-Clean to the water tank with sterile water - repeat every fortnight**

Cat. No.	Type	€
670934	Incuwater Clean 100 ml	N/A -

Aquabator-Clean™ (100x)



Disinfectant for use in water baths against bacteria and fungi.

- **Operating conditions: 10 ml per litre of water - change water every 4-6 weeks and add aquabator-clean every 1-2 weeks**
- **Stable at 100 °C**
- **Biodegradable**

Cat. No.	Type	€
670935	Aquabator Clean (100x) 250 ml	N/A -

Disinfectant for water baths Réa-Stabil



Concentrated bactericidal disinfectant for water baths and thermostatic baths. The results are even better with distilled or demineralised water.

- **Efficiency: 2 to 3 months**
- **Water colouring: blue**
- **Very economical: 1 ml per litre (10 ml for a 10 litre bath)**
- **Biodegradable**
- **Components: biguanides surfactants and dye**

Cat. No.	Description	€
074022	Bottle of 200 ml Réa-Stabil	N/A -

Autoclave cleaner



- **Weak acid to be used diluted to clean autoclaves**
- **For use on walls and also for cleaning water tanks**

Cat. No.	Description	€
032204	Autoclave cleaner 1 l	N/A -

Mycoplasma - prevention



Biogard S

- **Surface disinfectant**
- **Compatible with all types of surfaces**
- **Free of Alcohol, phenol and formaldehyde**
- **Non-toxic and biodegradable**

Cat. No.	Description	Vol.	€
500176	Biogard S Surface disinfectant spray	1 l	N/A -



Biogard A disinfectant for CO_2 incubator water tank

- **Non-toxic, non-volatile**
- **Compatible with stainless steel**

Cat. No.	Description	Vol.	€
500177	Biogard A disinfectant for waterbaths and CO_2 incubators	100 ml	N/A -

Aquanet water bath stabiliser

Stabiliser for water baths, with an original formula, very effective in particular against the proliferation of bacteria, it prevents the appearance of unpleasant odours.

- **Composition: Didecyldimethylammonium chloride - CAS No. 7173-51-5: Concentration 15 % (m/m) / Benzalkonium chloride - CAS No 68424-85-1: Concentration 10% (m/m)**
- **Appearance: liquid**
- **Odour: odourless**
- **Colour: blue**
- **pH of the delivered product: Weak base**
- **pH of the product diluted in water to 2%: 9.3 (+/- 0.5)**
- **Compatibility: 135 °C at a pressure of 2.5 bar**
- **Dosage: 100 ml for 3 litres of water**
- **Efficiency: 2 months**



Cat. No.	Description	€
063103	Aquanet bottle 100 ml	N/A -
063104	Aquanet bottle 1 litre	N/A -

Activity:

- bactericidal: EN1276 (dirt conditions - 0.5 % - 5 min - 20 °C), EN 13697 (dirt conditions - 0.5 % - 5 min - 20 °C), NF EN 13727 (dirt conditions - 0.5 % - 5 min - 20 °C), NF EN 14561 (dirt conditions - 1 % - 5 min - 20 °C)
- yeasticidal: EN1650 (dirt conditions - 0.25 % - 15 min - 20 °C), EN 13697 (dirt conditions - 0.25 % - 15min - 20 °C), EN 13624 (dirt conditions - 0.5 % - 5 min - 20 °C), NF EN 14562 (dirt conditions - 0.5 % - 15min - 20 °C)
- sporicidal: EN 13704 on Bacillus subtilis and Clostridium difficile (cleanliness conditions - 5% - 60 min - 20 °C)
- virucidal: EN 14476 on PRV*, BVDV*, H1N1, (dirt conditions - 2% - 5min - 20 °C) Herpes, Vaccinia virus, Rotavirus (dirt conditions - 0.5% - 5 min - 20 °C), Norovirus (dirt conditions - 2% - 15 min - 20 °C), HIV (dirt conditions - 2% - 60 sec - 20 °C)
- *Swine Pseudorabies Virus (PRV) and Bovine Viral Diarrhea Virus (BVDV) are substitutes for HBV and HCV

Tablets and granules for disinfection of Haz-Tab solutions

- **Tablets against viruses, bacteria and fungi**
- **Absorbent and disinfectant granules**
- **Made from sodium dichloroisocyanurate (NaDcc)**





Cat. No.	Description	€
074025	Tube of 100 Haz-Tab tablets	N/A -
140237	Haz-Tab Granules - 500 g tube	N/A -

Anios'R Odour Destroyer

- **Odour destroyer, fragrance after-effect**
- **Cleans and pleasantly perfumes washable floors and surfaces for many hours**
- **750 ml (odour destroying spray) or 5 litre (bactericidal detergent/ disinfectant) versions, and 50 ml bottle**
- **2 perfumes: Fresh garden or Sun way**
- **No rinsing required**



Perfume	750 ml bottle	20 x 50 ml bottles	5 litre canister with pump
Fresh garden	059797	059865	059799
Sun way	059798	059864	059800
€	N/A -	N/A -	N/A -

Odo clave



- **Odour neutraliser**
- **Format 32 x 32 mm**
- **Sachet to be placed in the autoclave**

Cat. No.	Perfume	€ 100 units
085953	Clove	N/A -
085954	Cherry	N/A -
085955	Pine	N/A -
085956	Lemon	N/A -

Deodoriser for autoclave

A range of deodorisers that can be used to neutralise odours in the autoclave.



Cat. No.	Description	Volume (ml)	Units/ box	€/ box
150280	Classic Autoclave Deodorant (capsules)	-	100	N/A -
150281	Poma Autoclave Deodorant (capsules)	-	100	N/A -
150282	Citrus Autoclave Deodorant (capsules)	-	100	N/A -
150321	Anabac Peach Deodorant (capsules)	-	100	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Anios Multi-Surface Cleaner



➤ **Multi-surface cleaner for daily maintenance of surfaces**

Instructions for use

- ready-to-use product;
- spray the solution on the surface to be cleaned or on the microfibre used to apply the product to the surface;
- wipe off and allow to dry;
- no rinsing required unless the surface is likely to come into contact with foodstuffs.

Composition

- surfactant in hydroalcoholic medium;
- declaration according to regulation (CE) n° 648/2004;
- contains less than 5% non-ionic surfactants and also contains perfume and lactic acid;
- surfactants of plant origin.

Physico-chemical data

- fluid liquid;
- density at + 20 °C: 1.001;
- pH of the pure product at + 20 °C: 6.13;
- storage between + 5 °C and + 30 °C.

Cat. No.	Description	€
059662B	Anios Multi-Surface Cleaner - 750 ml	N/A -

Phagospray DM Surface disinfectant



Disinfectant detergent spray for non-invasive medical devices and their surfaces.
Anti-microbial activity: EN 1040, EN 1276, EN 13697, EN13727.
Fungicidal: standard EN 1275 (C.albicans), EN 13697 (C.albicans), EN 13624 (C.albican).
Mycobactericidal: EN 14348 (M.avium).
Virucidal: EN 14476 on Rotavirus and Influenza A virus H1N1, HIV, HBV.

➤ **Clear, colourless liquid**
➤ **Grapefruit scent**
➤ **pH at 20 °C (pure product): 10.5 +/- 0.5**
➤ **Use undiluted, do not rinse**
➤ **Spray on a disposable cloth and apply to the surface**

Cat. No.	Description	€
972499	Phagospray DM 750 ml with sprayer	N/A -
972500	Phagospray DM 5 litres without sprayer	N/A -

Virkon Disinfectant Cleaner



Disinfectant cleaner in effervescent tablets or in powder form, to be dissolved in water, based on monopersulfate and sulfamic acid. Apply by wet cleaning or spraying on floors and surfaces.

➤ **pH = 2.6 / proven effectiveness: bactericidal, fungicidal, virucidal, sporicidal**
➤ **Dose for use: 1 %, i.e. one tablet per 500 ml, or one bag per 5 litres**

Cat. No.	Description	Pack unit	€/ sales unit
972472	Virkon 5 g tablets	box of 50	N/A -
972473	Virkon 50 g doses	50 doses bag	N/A -
972497	Virkon 5 kg bucket	1 bucket	N/A -

Anios DTS Cleaning Stain Remover



➤ **Cleans and removes stains from all washable surfaces**

Instructions for use:

- Ready-to-use solution;
- Spray the surface to be cleaned;
- Leave the product to work;
- Wipe with a single-use paper or microfiber;
- Rinse with drinking water when the surface comes into contact with unpackaged foodstuffs.

Cat. No.	Description	€
059805B	Anios DTS Multi-Purpose Stain Remover - 750 ml bottle	N/A -

Multi-surface cleaner



➤ **Cleans all surfaces thoroughly, without scrubbing**

Cat. No.	Volume (ml)	€
280009	750	N/A -



Enter the references on www.dulis.nl to consult the European standards for anti-microbial efficacy

Aniospray Surf 29 - disinfectant spray

- **Disinfection of previously cleaned surfaces, medical equipment and non-immersible, non-invasive medical devices**
- **Ready to use: active on enveloped viruses in 1 minute**
- **Leaves no trace when drying and no greasy film after spraying**
- **Clear, colourless solution**
- **pH at +20 °C: approx. 5.5**
- **Spray pressure: 1 ml of product**

Instructions for use

- Spray directly onto the surface
- Leave the room closed for at least 15 minutes



	12 x 1 litre bottles with 4 sprayers	4 x 5 litre canisters
Cat. No.	059844	059845
€	N/A -	N/A -

Aniospray Quick - spray disinfectant

- **Ready to use**
- **Broad spectrum activity in a short time**
- **Does not leave traces after drying**
- **Pleasant smell**
- **No aldehyde, no colour**
- **pH at 20 °C: 5.5**

Instructions for use

- Clean the room with Anios disinfectant detergent beforehand
- Spray evenly
- Leave without contact for 30 seconds



	12 x 1 litre bottles with 4 sprayers	4 x 5 litre canister
Cat. No.	059915	059916
€	N/A -	N/A -

Incidin Oxyfoam S sporicidal spray disinfectant cleaner

- **For surfaces and instruments**
- **Ready-to-use product sporicidal, virucidal, bactericidal, fungicidal**
- **Hi-Speed H_2O_2, technology, based on hydrogen peroxide**
- **Disinfectant cleaner for medical devices (DM class IIb) and surfaces (Biocide Group 1-TP2)**
- **Alcohol free**

Instructions for use

- Spray directly onto the surface from a distance of about 30 cm
- Allow to dry



Cat. No.	Description	€
059983A	Incidin Oxyfoam S - Spray bottle 750 ml	N/A -

Isopropyl alcohol 70% "Biocide"

- **Biocidal effect**
- **For body (healthy skin) and surface disinfection**

Cat. No.	Packaging	€
280018A	Spray 110 ml	N/A -
280019A	Spray 100 ml	N/A -
280020A	1 l bottle	N/A -
280017A	2 l bottle	N/A -
280021A	5 l bottle	N/A -
280014B*	Blister pack of 10 wipes	N/A -

*sold by 24 blisters of 10 wipes



All prices are indicative and exclude VAT. Visit www.dulis.nl

Surfa'Safe premium - surface disinfectant foam



- Disinfectant detergent foam for cleaning and disinfecting surfaces
- Bactericidal, fungicidal, virucidal

Instructions for use

- Apply the disinfectant detergent foam to the surface
- Spread the foam
- Respect the contact time according to the desired antimicrobial activity
- Allow to dry
- Do not rinse (except for surfaces in contact with foodstuffs, skin or mucous membranes)

	Compact foam	Diffuse foam	scented formula
Cat. No. 750 ml bottle	059841	059842	059843
€	N/A -	N/A -	N/A -

Isopropyl alcohol 70% IP sterile



- Isopropanol PE compliant
- Made with WFI or purified water
- Filtration at 0.2 µm
- Radiosterilized
- Double packaging
- Endotoxin < 0.25 UI/ml

Cat. No.	Packaging	€
059956A	1 l bottle	N/A -
059957A	Spray 400 ml	N/A -



Enter the Cat. No. on www.dulis.be to know more Aniosafe's voluntary eco-design commitments

Disinfectant detergent FB Spray



- For the bio-cleaning of high surfaces
- Ready to use, compatible with food contact surfaces
- neutral pH (pH 6+/-1)
- Based on non-ionic surfactants and didecyldimethylammonium chloride
- CMR-free, dye-free, fragrance-free
- Active on Bacillus subtilis and Clostridium difficile

Cat. No.	Description	Units/ box	€/ box
711575	FB spray 750 ml	12	N/A -

VIROSPRAY virucidal disinfectant cleaner



- For cleaning and disinfection of reusable and non-immersible medical devices
- Bi-alcohol combination for an enhanced activity spectrum
- Fast drying and streak-free, no rinsing required
- Bactericidal, yeast-killing, tuberculocidal, virucidal activities
- Formulation based on amphoteric surfactant, alkylamine in alcoholic solution; aldehyde-free and quaternary ammonium-free
- pH 7

Cat. No.	Description	Units/ box	€/ box
711584B	Virospray spray 1 l	6	N/A -

Anios Quick'Wipes



- Impregnated with a fast-acting disinfectant solution for previously cleaned, alcohol-resistant, non-immersible and non-invasive medical devices and surfaces
- Aldehyde-free, dye-free formulation
- Ready-to-use wipes

Instructions for use

- Apply the wipe to the area to be treated
- Respect the contact time indicated for the desired antimicrobial activity
- Rinsing is not necessary unless there is prolonged contact with the skin or mucous membranes
- Close the package tightly after each opening

Cat. No.	Description	€
059863	Anios Quick'Wipes - box of 120	N/A -

Assepto Biocide Wipes



- Cleaning wipes for surfaces
- Virucidal, bactericidal and fungicidal actions

Cat. No.	Packaging	€
280007	Dispenser for 40 wipes	N/A -
280008	Dispenser for 100 wipes	N/A -

Acusat IPA 75% disinfectant wipes

- IPA 75% impregnated wipes
- Fast and optimal membrane penetration of viruses and bacteria
- Virucidal EN 14476
- Do not leave residues or traces after wiping
- For the disinfection of instruments and surfaces
- Wipes size: 16 x 20 cm



Cat. No.	Description	€
133016A	Acusat 75% IPA wipe - bag of 50 wipes	N/A -

Disinfecting wipes for food contact

- Wipes impregnated with a quaternary ammonium solution
- Bactericidal, yeasticidal, fungicidal, virucidal activities
- Food contact compatible: TP2 and TP4 biocides
- For the disinfection of instruments and surfaces
- Wipes size: 32 x 20 cm



Cat. No.	Description	€
133017A	Acusat Virucidal Wipe TP2 & TP4 - bag of 40 wipes	N/A -

Wip'Anios Excel wipes

- Disinfecting wipes for the treatment of surfaces and medical devices
- Made of 100% biodegradable viscose
- Alcohol-free, fragrance-free impregnation solution
- Broad virucidal spectrum
- Microbial efficiency from 3 minutes
- Type 4 biocide for use on food contact surfaces

Instructions for use

- Apply the wipe to the area to be treated
- Allow to dry
- Rinse only if the areas to be treated come into contact with the skin, mucous membranes or foodstuffs



	Bag of 50	Bag of 100
Cat. No.	059849	059850
€	N/A -	N/A -

Bactinyl®odourless disinfectant wipes

- For contact disinfection of non-invasive medical devices, instrumentation, medical materials and equipment
- Suitable for disinfecting healthy skin
- Medical device class IIa
- Disinfectant solution based on hydrogen peroxide, quaternary ammoniums, ethanol
- Format: 165 x 400 mm



Bactericidal activity:

- EN 13727 (dirt conditions - 1 min, 20 °C)
- EN 14561 (dirt conditions - 5 min, 20 °C)
- EN 16615 (dirt conditions - 2 min +/-15 sec, 20 °C)

Yeast killing activity:

- EN 13624 (dirt conditions - 1 min, 20 °C)

Virucidal activity:

- EN 14476

Cat. No.	Description	€/ box of 120 wipes
011501	Odourless disinfectant wipes	N/A -

Meliseptol®Disinfecting Detergent Wipes



- Made of polyethylene terephthalate, free of alkalamine, dyes and perfumes
- Detergents and disinfectants impregnated with pure Meliseptol® Foam
- Broad virucidal spectrum
- Size (mm): 200 x 152

Instructions for use

- Apply the wipe to the area to be treated
- Allow to dry
- In case of visible contamination: 2-step procedure
  - decontamination with a wipe
  - disinfection with a new wipe

	Box of 60 wipes	Bag of 60 wipes
Cat. No.	921114	921115
€	N/A -	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Anios Floor Cleaner



- **Floor cleaner for daily cleaning of floors and surfaces**
- **Respect the precautions for use (established according to the European directive 99/45/CE)**
- **Information available on the safety data sheet and the label**

Instructions for use

- concentrated product to be diluted to 0.25%;
- use one 20 ml dose for an 8 litre bucket of water;
- apply the solution to the surface to be cleaned using a flat mop;
- let it dry.

Composition

- declaration according to regulation (CE) n° 648/2004;
- contains 5% or more, but less than 15% of non-ionic and anionic surfactants, less than 5% of phosphonates, also contains perfume;
- colourless to very slightly yellow liquid;
- density at + 20 °C: 1.027;
- pH of the pure product at + 20 °C: 9;
- storage between + 5 °C and + 35 °C.

Cat. No.	Description	€
059661B	Anios Floor Cleaner - 1 litre	N/A -

Déterg'Anios - Cleaning of floors and surfaces





Over-odorizing detergent with high cleaning power.

- **Persistent deodorant effect**
- **Wetting, dispersing and solubilising effect on organic and mineral soils**
- **No rinsing**
- **Cleaning of all types of surfaces, glossy, protected or not, in hospitals**
- **Compatible with disinfectant detergents**

Instructions for use

- Dilute to 0.25%, i.e. 20 ml or one pump pressure per 8 litres of cold or warm water

Cat. No.	Description	€
059644B	Deterg'anios 1 l dispensing bottle	N/A -
059664	Deterg'anios bottle, 500 doses of 20 ml	N/A -
059665B	Deterg'anios 4 x 5 litres + 1 dosing pump	N/A -
059665BA	Deterg'anios, 5 litre bottle	N/A -

DETER Surf Neutral detergent for floors and surfaces

- Compatibility with a wide range of materials
- Dilution: 0.25% (20 ml/8 l) in cold or hot water
- No rinsing
- pH neutral: 7.7 (pure)
- Based on anionic and non-ionic surfactants
- Available unscented or with lemon scent

Cat. No.	Description	Colour	€
711537	Deter Surf SP unscented - 1 l canister	Blue	N/A -
711572	Deter Surf SP unscented - 5 l canister (4 units)	Blue	N/A -
711570A	Deter Surf Lemon GB - 1 l canister	Green	N/A -
711571	Deter Surf Lemon GB - 5 l canister (4 units)	Green	N/A -



Duotex - ready-to-use disinfectant cleaner

- Cleaning and disinfection of all surfaces
- Non-flammable, CMR-free, environmentally friendly
- Compliant with food contact without rinsing (TP4)
- Ready to use
- Bactericidal, yeasticidal, virucidal activities

Cat. No.	Description	€
7130236	Duotex wipes - bucket of 500 wipes	N/A -
7130233	Duotex sprayer 750 ml	N/A -
7130234	Duotex 1 l bottle	N/A -
7130235	Duotex 5 l canister	N/A -



Aniosurf ND Premium - floor and surface disinfection

- Cleaning and disinfection of floors, walls and equipment
- Broad anti-microbial effectiveness
- Non-corrosive formulation compatible with washable surfaces
- Dries without traces or sticky residue
- Can be used in cold or warm water

Instructions for use

- To be diluted to 0.25%: i.e. a dose of 20 ml in 8 litres of water

Perfume	500 x 20 ml doses	1 litre bottle	4 x 5 litre canisters + pump
Citrus	059833	059834A	059835
€	N/A -	N/A -	N/A -



Anios Oxy'Floor - floor and surface disinfectant detergent

- Broad spectrum cleaning and disinfection for floors and surfaces, including those that may come into contact with foodstuffs
- Odourless powder
- Simultaneous cleaning and disinfecting action
- Active on clostridium difficile in 15 minutes
- Alternative to chlorine
- Single dose: avoids overdose

Instructions for use

- 0.5% dilution, i.e. a dose of 25 g in 5 litres
- Storage of the solution: 8 hours

	100 doses of 25 g	1 kg bucket
Cat. No.	059861	059862
€	N/A -	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Désintex BGF - aldehyde-free disinfectant detergent



Suitable for all materials, protected and unprotected floors and above ground.
Combines high-capacity cleaning elements with a synergy of broad-spectrum disinfectant families.

- **Bactericidal according to EN 1040-1276 (dirt conditions), fungicidal according to EN 1275 (Candida albicans), virucidal according to EN 14476 (Adenovirus type 5, clean conditions)**
- **Active on influenza viruses H_1N_1 and H_5N_1**
- **Complies with the decree of 08/09/1999 on cleaning products for materials in contact with foodstuffs**
- **Biodegradable in accordance with EU Regulation 648/2004**
- **Labelling according to the labour and/or transport code**
- **Dosage: 0.25 %**

Cat. No.	Packaging	€
7130230	5 litre transparent polyethylene drum	N/A -
7130231	1 l dispensing bottle/20 ml dose	N/A -

Surfanios Premium - Disinfectant detergent for floors and surfaces



- **Product combining detergent and disinfectant actions**
- **Effective on bacteria and moulds isolated from the hospital environment**
- **Formulated without aldehyde**
- **Optimisation of ecotoxicological data**
- **No rinsing**

Instructions for use

- To be diluted to 0.25%: 20 ml or one pump pressure for 8 litres of water

Cat. No.	Description	€
059783	Surfanios Premium - 1 l dispensing bottle	N/A -
059784	Surfanios Premium - 4 x 5 l canisters with 20 ml dosing pump	N/A -
059840	Surfanios Premium - 2 x 5 l canisters + 2 pumps	N/A -
059782	Surfanios Premium - 500 x 20 ml bags	N/A -



Enter the Cat. No. on www.dulis.nl to consult the European anti-microbial efficacy standards

One Shot Bactericidal



- **Bactericidal and fungicidal formula approved to EN1276 and EN1650**
- **Allows to treat a volume up to 50 m³**
- **Active 5 minutes after the product has been applied**

Cat. No.	Volume (ml)	€
280022A	50	N/A -
280023	150	N/A -

Aseptanios AD ready-to-use disinfectant



- **Stabilised solution of peracetic acid and hydrogen peroxide**
- **Bactericidal, fungicidal, yeasticidal, sporicidal**

Cat. No.	Description	€
059790	Aseptanios AD - 2 l canister (set of 4 x 2 l canisters)	N/A -
059790A	Aseptanios AD - 2 l Canister	N/A -

Vet'Anios - specific pet range

Broad spectrum disinfectant detergent.
For the treatment of floors, surfaces and materials.

Aniosyme Synergy WD high efficiency detergent

Highly effective detergent for cleaning surgical and medical equipment and medical devices.



- **For automatic washing machines and washing tunnels**
- **Effective in soft and hard water**
- **Tri-enzymatic complex effective on many soils**
- **Density: 1.16**
- **Clear yellow liquid**

Instructions for use

- Use at dilutions of 0.2% and 0.5%
- Effective from 1 minute
- Maximum operating temperature: 60 °C

Cat. No.	Description	€
061414	Aniosyme Synergy WD - 5 l canister (2 units)	N/A -

Anios'Clean Excel D

Pre-scrubbing detergent for medical surgical instruments. Suitable for heat-sensitive instruments.



- **High level of detergency**
- **Efficient even in hard water**
- **Non-corrosive**
- **Clear blue solution**
- **pH of the pure product: 7**

Activities at 20 °C:

- Bactericidal in 5 min at 0.5% (EN 13727, EN 14561)
- Levuricidal in 15 min at 0.5% (EN 13624, EN 14562)
- Tuberculocidal in 60 min at 2% (EN 14348, EN 14563)

Instructions for use

- Concentrated solution, to be used at a dilution of 0.5% (5 ml/l)
- Soak the material for some minutes in the soaking bath
- Rinse thoroughly
- Renew the soaking bath at least once a day

Cat. No.	Description	€
059932	Anios'Clean Excel D - 1 l dispensing bottle (6 unit)	N/A -
059933	Anios'Clean Excel D - 5 l canister with pump (2 unit)	N/A -

Phagosurf ND Disinfectant Floor and Surface Detergent

Disinfectant detergent for surfaces: floor, furniture and non-surgical equipment.

- Anti-microbial activity: standard NF EN 1040, standard NF EN 1276
- Fungi: methodology NF EN 1275, C.albicans
- Viruses: methodology vs. HIV, HBV: scientific file on request.

- **Chemical nature of the active ingredient of the product: quaternary ammonium, amphoteric, coactive agents**
- **Liquid appearance: clear green / Odour: fresh lemon**
- **pH (20 °C - 0.25 % dilution of mains water): ~ 9.4**



Instructions for use

- Dilute in cold water from 0.125% to 0.25% for heavy soiling
- Pour in water first, then a 10 ml or 20 ml measure per 8 l of water
- Allow to dry after 15 min. application without rinsing or wiping according to protocol

Cat. No.	Description	€
972488	Phagosurf ND - 5 litre canister (2 units)	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Sanilair air pollution control



- Spray to restore healthy, invigorating air
- Microemulsion with essential oils
- Adsorption and removal of malodours
- Ethyl alcohol free (VOC < 2%)
- Botanically and biochemically defined essential oils

Perfume	Spray 200 ml	500 ml sprayer
Garrigue (thyme, rosemary, mint, eucalyptus)	005600A	005601A
Citrus (mandarin, orange, bergamot)	005604A	005605A
Lavender (lavender, bergamot, lemon)	005602A	005603A
Hypoallergenic (special formulation for sensitive/allergic people: cedar, wild thyme, myrrh, vanilla, amyris, patchouli)	005606A	005607A
€	N/A -	N/A -

Aeroseptin 4



- "One shot" spray disinfectant for surfaces and furniture
- Bactericidal and yeasticidal: effective in 1 minute according to EN 1040 and EN 1275

Cat. No.	Description	€
711568A	Aeroseptin 4 - 50 ml bottle	N/A -

HPderm® 500 Cleaner



Mild cleanser for frequent washing of sensitive and reactive skin.

- Enriched with plant lipoamino acids, which regenerate the epidermis
- Solvent and abrasive free
- Fragrance and dye free
- Pouches 061913 only work with dispenser 061915
- Developed, manufactured and controlled under pharmaceutical supervision
- Soap free

Uses

- Frequent cleaning at the work station
- Collectivities, food and agriculture
- Household hygiene

Cat. No.	Description	€
061912	HPderm 500 - 1 litre bottle	N/A -
061913	HPderm 500 - 1 litre pouch	N/A -
061915	Dispenser for pouches	N/A -

Anios Concept CPA Dispensers



059968



059971

- Electronic or manual wall mounted dispensers
- Side view window
- Key lock system

Type	White	Grey	€
Manual dispenser	059968	059969	N/A -
Electronic dispenser	059970	059971	N/A -

Consumables for distributors Concept CPA



059976

- 1 l square retractable bottle
- Sealed bulbs

Cat. No.	Description	Units/ box	€/ box
059972	Aniosgel 85 NPC	12	N/A -
059973	Aniosgel 800	12	N/A -
059975	Aniosafe Manuclear HF	12	N/A -
059976	Aniosafe Manuclear NPC HF	12	N/A -

Aniosafe Manuclear HF Hand Wash Solution

Simple hand washing solution for frequent use.

- **Made without allergens and enriched with moisturising substances, without perfume or colouring agents**
- **Protective effect against possible microbial pollutants**
- **Softer than mild soap**

Cat. No.	Description	Units/ box	€/ box
059648	500 ml bottle with white pump 1.5 ml	12	**N/A -**
059649	1 litre bottle with pump	12	**N/A -**
059649A	1 litre bottle with pump	1	**N/A -**
059803	Airless 1 litre bottle	12	**N/A -**
059803A	Airless 1 litre bottle	1	**N/A -**
059804	5 litres canister	1	**N/A -**



Liquid Marseille soap

- **Traditional Coprah-Olive manufacturing**
- **Gentle and effective skin cleansing**
- **Unscented formula for sensitive skin**
- **Fragrant formulas with essential oils and refreshing power**

Perfume	pump-bottle 500 ml	Pump-bottle 1 l	5 l canister
Garrigue (thyme, rosemary, mint, eucalyptus)	**005628A**	**005629A**	**005630A**
Citrus (mandarin, orange, bergamot)	**005631A**	**005632A**	**005633A**
Lavender (lavender, bergamot, lemon)	**005634A**	**005635A**	**005636A**
€	**N/A -**	**N/A -**	**N/A -**
Neutral fragrance	**005638A**	**005639A**	**005640A**
€	**N/A -**	**N/A -**	**N/A -**



Phagoderm®Sensitive Soap

Foaming solution for simple and frequent washing.

- **Suitable for sensitive skin**
- **Hypoallergenic**
- **Paraben-free, dye-free, fragrance-free, phenoxyethanol-free**

Cat. No.	Description	€
972569	Pump bottle 500 ml	**N/A -**



HPDerm superfatted soap for sensitive skin

- **For the daily hygiene of sensitive skin**
- **Soap base of vegetable origin enriched with moisturising and protective active ingredients of natural origin (shea oil, glycerine)**
- **High tolerance formula for face and body, hypoallergenic, no added fragrance**

Cat. No.	Description	€
061938A	HPDerm Superfatted Soap - 150g bar	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

HP derm 7 Lotion





Foaming lotion for hygienic hand washing.

- **Enriched with a natural superfatting agent**
- **Fragrance-free, paraben-free, dye-free**
- **Allows for frequent washing**
- **Ideal for sensitive or reactive skin**
- **Bactericidal (EN 1040), Fungicidal on Candida Albicans (NFT 72-301)**
- **Developed, manufactured and controlled under pharmaceutical supervision**
- **Uses: hygienic hand washing, medical, paramedical and hospital environments, food industry**



Enter the Cat. No. on www.dulis.nl to view the Simple Handwashing Guide.

Cat. No.	Description	€
061925	HP Derm 7 lotion - 500 ml pump bottle	N/A -
061926	HP Derm 7 lotion - 1 l bottle	N/A -
061927B	HP Derm 7 lotion - 800 ml pouch - pack of 2	N/A -
061915	Dispenser for pouches 1 l	N/A -
061928	HP Derm 7 lotion - 5 l canister	N/A -
061929	Pump for 1 l bottle	N/A -
061917	Metal wall dispenser for 1L bottle	N/A -

Baktolin Pure Hand Cleansing Lotion



Gentle hand wash.

- **No dyes, no perfume**
- **pH neutral for the skin (approx. 5.5)**
- **Soap free, alkali free, paraben free**
- **Mild surfactants**
- **Can be taken with a dispenser or in a bottle with pump (not supplied)**

Cat. No.	Description	€
684356	Baktolin pure, 500 ml bottle	N/A -
684357	Baktolin pure, 1 l bottle	N/A -
684358	Baktolin pure, 5 l canister	N/A -

Estesol Hand Cleaner



Liquid skin cleanser with high cleaning power.

- **Good skin compatibility**
- **Deep cleaning of all light soiling**
- **Incorporates a conditioning agent to smooth the skin**
- **Soap free**
- **Slightly acidic pH**
- **For use with the Vario ULTRA dispensere**

Cat. No.	Description	€
678318	Estesol, 2 l cartridge	N/A -
678320	Vario ULTRA soap dispenser	N/A -

Frapantol Hand Cleaner



Special creamy skin cleanser for gentle cleansing.

- **Good skin compatibility**
- **Deep cleaning of all light soiling**
- **Dermatologically tested**
- **Incorporates a conditioning agent to smooth the skin**
- **No soap, no perfume, no dye**
- **Slightly acidic pH**
- **LaFleur European Ecolabel**
- **For use with Vario ULTRA soap dispensers**

Cat. No.	Description	€
678319	Frapantol, 2 l cartridge	N/A -
678320	Vario ULTRA soap dispenser	N/A -

Dermanios Scrub CG

Antiseptic for hygienic and surgical washing of healthy skin.



- **Good skin tolerance, pH close to that of the skin**
- **Perfect for frequent use**

Applications

- Allows to fight against the transitional microbial flora responsible for possible contaminations

Instructions for use

- Hygiene treatment: 3 ml dose
- Surgical disinfection: 2 x 3 ml dose
- Get your hands wet
- Apply a dose of soap
- Rub hands and forearms for at least 1 minute.
- Rinse hands for at least 30 seconds
- Dry hands with a single-use towel

Cat. No.	Description	€
059643	Dermanios Scrub CG, 12 x 500 ml bottles + pumps	N/A -
059643A	Dermanios Scrub CG, 1 x 500 ml bottle + pump	N/A -
059656	Dermanios Scrub CG, 12 x 1 litre bottles + pumps	N/A -
059656A	Dermanios Scrub CG, 1 x 1 litre bottle + pump	N/A -
059801	Dermanios Scrub CG, 12 x 1 litre bottle Airless	N/A -
059801A	Dermanios Scrub CG, 1 x 1 litre bottle Airless	N/A -
059802	Dermanios Scrub CG, 1 x 5 litre bottle	N/A -

Dermanios Scrub Chlorhexidine 4% - antiseptic foaming solution



- **Pre-operative whole body washing and disinfection**
- **Chlorhexidine-based formulation (4%)**
- **Hygienic hand washing: 3 ml / 30 sec (EN 1499)**
- **Surgical wash: 2 x 3 ml /5 minutes (EN 12791)**
- **product pH: pH 5.5 +/- 0.5**
- **Alcohol free**
- **Viscosants and emollients: better skin tolerance**

	100 x 30 ml bottles	12 x 500 ml bottles	12 x 1 litre bottles with pump	12 x 1 litre airless bottles
Cat. No.	059866	059867	059868	059869
€	N/A -	N/A -	N/A -	N/A -

HP derm 7 gel

Hydroalcoholic gel for the hygienic treatment and disinfection of hands.



- **Enriched with glycerine, prevents the skin from drying out**
- **Fragrance-free, paraben-free, dye-free**
- **Allows for a reduction in hand-carried contamination and can be used away from any water source**
- **Bactericidal (EN 1040), Fungicidal on Candida Albicans (EN 1275), Virucidal (NFT 72180)**
- **Developed, manufactured and controlled under pharmaceutical supervision**
- **Uses: hand disinfection, medical, paramedical and hospital environments, food industry**

Cat. No.	Description	€
061922B	HP Derm 7 gel - 800 l bottle pouch - 2 pack	N/A -
061915	Dispenser for 1 l pouches	N/A -
061917	Metal wall dispenser for 1 l bottle	N/A -

TIP



See also our disinfectant wipes or spray pages 1285 to 1293

Aniosgel 85 NPC

Instructions for use

- Hygienic treatment: 3 ml (2 pump strokes) for 30 sec. friction time. Rub in until completely dry. Do not rinse
- Surgical disinfection: 2 x 4.5 ml (2 x 3 pump strokes) for a total rubbing time of 3 min. Rub in until completely dry. Do not rinse.

Cat. No.	Description	€
059812	Aniosgel 85 NPC, 1 bottle 100 ml	N/A -
059950	Aniosgel 85 NPC, 1 blue bottle 300 ml + 1 pump 3 ml screw	N/A -
059951	Aniosgel 85 NPC, 1 blue bottle 500 ml + 1 pump 3 ml screw	N/A -
059952	Aniosgel 85 NPC, 1 blue bottle 1 l + 1 pump 3 ml screw	N/A -
059953	Aniosgel 85 NPC, 1 blue bottle 1 l airless	N/A -
059667	Airless plastic holder	N/A -

Thixotropic hydroalcoholic gel for hygienic treatment and surgical disinfection of hands by friction.



- **Incorporates moisturising and skin-protecting agents**
- **Has a broad antimicrobial spectrum including activity on Poliovirus in 30 seconds**
- **Aniosgel 85 NPC is formulated without dyes or perfumes**
- **Active on H_1N_1**
- **Pump 3 ml**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Aniosgel 800



Ready-to-use thixotropic hydroalcoholic gel for the hygienic treatment and surgical disinfection of hands.

- **Broad antimicrobial spectrum including activity on poliovirus in 30 sec.**
- **Preventing the spread of antimicrobial resistance**
- **Fragrance-free, dye-free**
- **Suitable for sensitive skin**
- **Preserves the skin's moisture**

Cat. No.	Description	€
059908	Aniosgel 800 squeeze bottle 30 ml	N/A -
059909	Aniosgel 800 squeeze bottle 100 ml	N/A -
059910	Aniosgel 800 bottle 300 ml + 3 ml screw-in pump	N/A -
059911	Aniosgel 800 bottle 500 ml + 3 ml screw-in pump	N/A -
059912	Aniosgel pump bottle 1 l	N/A -
059913	Aniosgel airless bottle 1 l	N/A -

Aniosgel 85



Thixotropic hydroalcoholic gel for hygienic treatment and surgical disinfection of hands by friction.

- **Hypoallergenic formula**
- **Free of allergenic substances**
- **Broad antimicrobial spectrum: active on bacteria, yeast, moulds and viruses**
- **Hygienic treatment: 3 ml / 30 sec**
- **Surgical disinfection: 2 x 3 ml / 2 x 45 sec.**
- **Does not require a water point**

Cat. No.	Description	€
059825	Aniosgel 85 blue, 1 bottle 100 ml	N/A -
059820	Aniosgel 85 blue, 1 bottle 300 ml + 1 pump 1.5 ml	N/A -
059632	Aniosgel 85 blue, 1 bottle 500 ml + 1 pump 1.5 ml	N/A -
059826	Aniosgel 85 blue, 1 bottle 1 litre + 1 pump 1.5 ml	N/A -
059827	Aniosgel 85 blue, 1 bottle 1 litre Airless	N/A -
059828	Holder for 300 ml bottle	N/A -
059829	Holder for 500 ml bottle	N/A -

Phytogel efficiency - alcohol-free hand disinfectant gel





- **Alcohol-free formulation**
- **Bactericidal, fungicidal, yeasticidal, virucidal activities; contact 1 minute**
- **Hand protection (avoids skin dryness, irritation)**
- **With essential oils**

Phytogel - alcohol-free disinfectant gel	Cat. No.	Units/ box	€/ box
Spray bottle 10 ml	005608	100	N/A -
Spray bottle 50 ml	005610A	1	N/A -
Pump bottle 500 ml	005611A	1	N/A -
Pump bottle 1 l	005612A	1	N/A -
5 l canister	005613A	1	N/A -

Phagorub SPS Gel



- **Controlled viscosity suitable for hygienic friction**
- **Fragrance-free, dye-free and preservative-free**
- **Special for sensitive skin**
- **Active ingredient: ethanol**
- **Bactericidal, fungicidal, virucidal**

Cat. No.	Description	Volume (ml)	Units/ box	€/ box
972521	Doses	5	250	N/A -
972522	Flasks	100	30	N/A -
972526	Airless bottles	1000	12	N/A -

Phagorub hydroalcoholic solution

For hand disinfection by friction.

- **Bactericidal, fungicidal, virucidal (effective in 15 seconds)**
- **72% ethanol - no phenoxyethanol, no preservatives and no colourants**

Activities:

- Bactericidal: EN 1040, EN 1500, EN12791
- Fungicidal: EN 1275 sur C.albicans, EN 1650 on C.albicans
- Virucidal: EN 14476 (BVDV, Vaccinia virus, HBV-HCV-HIV, Influenza A/ H5N1, Influenza A/ H1N1, Rotavirus)

Uses

- As an alternative to simple hand washing or hygienic washing
- in the absence of water outlets
- during serial contact
- Before any aseptic procedure or in a controlled atmosphere zone





WEB

Enter the Cat. No. on www.dulis.nl to consult the guide on hygienic hand disinfection by friction

Cat. No.	Description	€
972502B	Phagorub - 500 ml mounted pump	**N/A -**
972503	Phagorub - 1000 ml Airless	**N/A -**

Hydroalcoholic gel

Cat. No.	Volume (ml)	€
280005	200	**N/A -**
280006	100	**N/A -**



Hydroalcoholic gel for hand disinfection

Ready-to-use gel for the hygienic treatment and disinfection of hands.

- **Bactericidal, yeasticidal and virucidal activity**
- **Dries instantly, does not stick**
- **Effective against H_1N_1**
- **100 ml or 300 ml bottle**
- **300 ml bottle with pump**

Cat. No.	Packaging	€
011507	Bottle 100 ml with dispenser cap	**N/A -**
011506	Bottle 300 ml with mounted pump	**N/A -**



Biocidium Gel +

- **Hydroalcoholic antiseptic gel**
- **No rinsing**
- **Contains aloe vera and glycerine**
- **Fragrance-free, dye-free**

Cat. No.	Description	Units/ box	€/ box
711529	100 ml bottle	1	**N/A -**
711531	500 ml bottle with pump	1	**N/A -**
711578	1 l bottle with pump	6	**N/A -**
711579	1 l bottle Airless	12	**N/A -**



Manuphyl Intensive Repair Hand Cream

- **Repairs and protects hands that have been badly damaged by cold, humidity, washing, work, irritating substances, etc**
- **Non-greasy, non-staining formula enriched with wheat protein and glycerine**
- **Delicately scented, suitable for sensitive skin**
- **Helps maintain the skin's natural pH and normal moisture levels**
- **Apply a dab of cream to clean, dry hands 1 to 3 times a day**

Cat. No.	Description	€
062416A	Manuphyl intensive hand repair cream - tube 50 ml	**N/A -**

Product available in 1 l bottle, consult us.



All prices are indicative and exclude VAT. Visit www.dulis.nl

MANUPHYL®Protective Cream







MANUPHYL is a moisturising and protective cream for hands that have been damaged and dried out by frequent washing or wearing gloves.

- **Protects, moisturises and penetrates quickly**
- **Non-greasy, unscented**
- **Maintains the physiological pH balance of the skin**
- **With vegetable lipoamino acids, lanolin-free**
- **Paraben-free, dye-free and fragrance-free**
- **Hand cream with allantoin**
- **Developed, manufactured and controlled under pharmaceutical supervision**

Uses

- Skin sensitised by cold or frequent washing
- All work situations that cause irritation and minor injuries
- Can also be used for daily prevention

Cat. No.	Description	€
061906	Manuphyl - tube 100 ml	N/A -
061907	Manuphyl - pouch SORIBAG 800 ml*	N/A -

*SORIBAG wall mounted pouch dispenser

Wall-mounted dispensers for pouches, cartridges and bottles

SORIBAG 800 ml pouches are to be used with the wall-mounted dispensers provided, which can either be glued or fixed to the wall. The pouches are airtight, which guarantees the quality of the cream throughout their use. Fixing kits supplied.

Cat. No.	Description	€
061915	Dispenser for 800 ml pouches (red, blue or transparent)	N/A -
061917	Metal dispenser for 1 litre bottle	N/A -

Skin protective cream



Protection of the skin from repeated aggression due to working conditions.

- **Enriched with superfatting and moisturising agents**
- **Discreet fragrance**

Cat. No.	Description	€
059651	50 ml Bottle	N/A -
059652	100 ml Tube	N/A -
059668A	500 ml bottle and pump	N/A -

ANTHYDRO®water barrier cream



Protective cream to be applied before work and specially designed for people who frequently work with water or aqueous solutions (detergents, etc.).

- **Protects from aqueous environments**
- **Low fat, unscented**
- **Developed, manufactured and controlled under pharmaceutical supervision**

Uses

- Repeated contact with water, aqueous acid or alkaline solutions, brines, soluble oils
- Maintenance and cleaning agents
- Agri-food sector

Cat. No.	Description	€
061900	Anthydro - 125 ml tube	N/A -

PHYPROL®anti-solvent gel



Hydroalcoholic gel that protects the skin from solvents and water-immiscible products.

- **Solvent resistant**
- **Protects the skin's hydrolipidic layer**
- **Unscented**
- **Developed, manufactured and controlled under pharmaceutical supervision**

Uses

- Organic solvents (white spirit, toluene, hexane, etc.)
- Ketone compounds
- Glues, resins, varnishes, solvent-based paints
- Water-insoluble cutting oils

Cat. No.	Description	€
061904	Phyprol - tube 125 ml	N/A -

LIBAL®Multi-Purpose Protective Cream



Multi-purpose protective cream that protects the skin from aqueous and non-aqueous solutions.

- **Silicone-free hand, arm and face cream**
- **Protects against aqueous or solvent-based media**
- **Fast penetration**
- **Preserves the skin's natural buffering capacity**
- **Developed, manufactured and controlled under pharmaceutical supervision**

Uses

- Water and aqueous, acid or alkaline solutions
- Paints, varnishes, resins, cements
- Certain solvent mixtures
- All types of cutting oils, moulding, lockeed...

Cat. No.	Description	€
061902	Libal - 50 ml tube	N/A -

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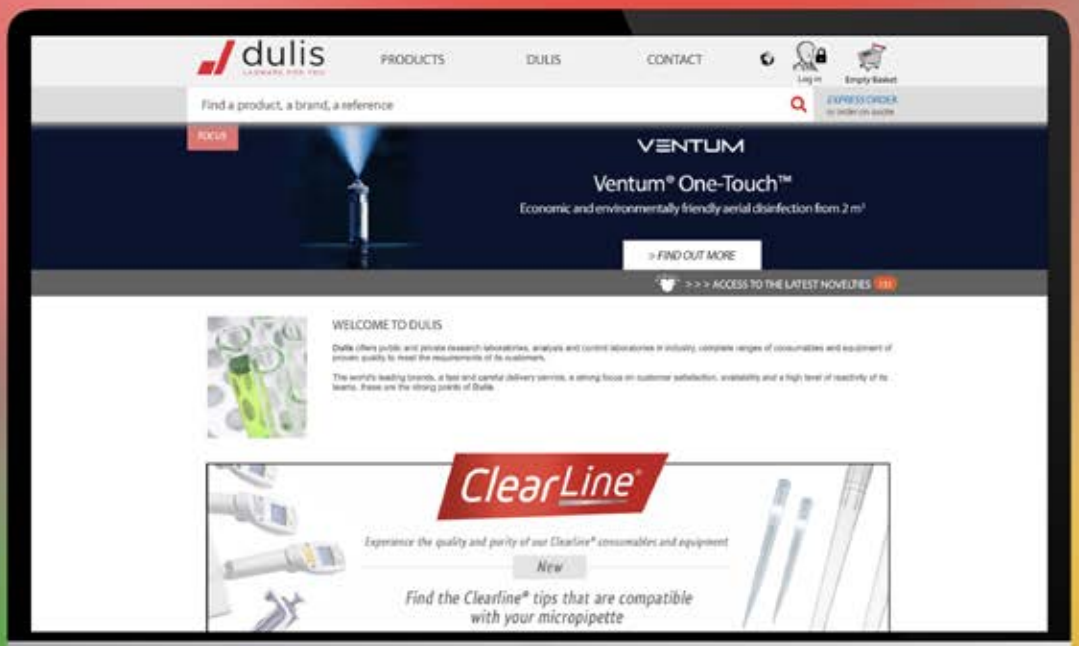
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Cabinets for acids and bases


571010B

- External steel construction, epoxy coated
- Melamine lining and non-metallic venting to resist corrosion
- Swing doors with security locks
- Seals on doors and air ducts to prevent the release of harmful fumes
- Sliding shelves with a removable, waperproof PE drip tray
- Permissible distributed load per shelf: 25 kg
- Retention Volume: 15 l/bac
- Connection Ø 75 mm, for ventilation system on top of the cabinet (strongly recommended, see page 1308)


571015B

TIP

The safety cabinets are delivered carriage paid to the quay. For delivery on the first floor, please consult us.

WEB

Enter the Cat. No.on dulis.nl to find the selection guide for safety cabinets.

Type	Tall cabinets		Underbench cabinets	
Model	SL.196.120	SL.196.60	SL.60.110	SL.59.60
No. of doors	2	1	2	1
Compartment No.	2	2	2	1
out.Ø (W x D x H) (mm)	1200 x 605 x 1970	600 x 605 x 1970	1100 x 570 x 600	590 x 570 x 600
inn.Ø / compartment (W x D x H) (mm)	485 x 565 x 1865	485 x 565 x 930	485 x 550 x 530	480 x 530 x 560
Weight (kg)	160	125	60	40
Interior equipment	8 sliding shelves	-	2 sliding shelves	1 sliding shelves
Cat. No.	**571009B**	**-**	**571013C**	**571016B**
€	**N/A -**	**-**	**N/A -**	**N/A -**
Interior equipment	12 sliding shelves	4 sliding shelves	-	2 sliding shelves
Cat. No.	**571010B**	**571011B**	**-**	**571015C**
€	**N/A -**	**N/A -**	**-**	**N/A -**

Combined cabinet with 30 min fire resistance NF EN 14470-1



- Two separate inner compartments for storing flammable liquids and chemicals in one cabinet
- Door holding system included
- Transport base with plinth for easy movement
- Security lock with interchangeable barrel
- Shelves adjustable in height in 32 mm increments
- Permissible distributed load per shelf: 75 kg
- Connection Ø 75 mm for ventilation system on top of the enclosure (strongly recommended, see page 1308)
- Certified to NF EN 14470-1

Model	K-30.197.120.MV.FWAS
Fire protection	30 min
Ext. Dim. W x D x H (mm)	1197 x 617 x 1969
int. Dim. W x D x H (mm)	-
Weight (kg)	-
Left compartment (flammable liquids)	3 shelves Gratings Floor retention tray 27 l
Right compartment (Acids and bases)	4 metal-free tray shelves Plastic tray 15 l
Cat. No.	**571121**
€	**N/A -**

TIP

The safety cabinets are delivered carriage paid to the quay. For delivery on the first floor, please consult us.

Fire resistant cabinets 30 min glass door NF EN 14470-1

- Cabinets with glass door for quick viewing of containers
- Fire resistant for 30 minutes
- Width: 86 cm
- Grey body and door with a choice of 3 colours: yellow, grey, red
- Automatic door closure by means of an integrated thermofuse in the event of fire
- Doors remain open in any angle
- Transport base for easy movement and optional plinth
- Permissible distributed load per shelf: 75 kg
- Connection Ø 75 mm for ventilation system on top of the enclosure (strongly recommended, see page 1308)
- Dimensions L x D x H (mm) 864 x 620 x 1947
- Weight of cabinet without internal equipment: 212 kg
- Supplied with 3 shelves, 1 grating and 1 floor drain tray

Door colour	Yellow	Grey	Red	€
Cat. No.	571159	571160	571161	N/A -



Q-DISPLAY-30 cabinet
with filter chamber
(filter chamber
shown as an option on page 1308)



Accessories

Cat. No.	Description	€
571162	Additional shelf	N/A -
571163	On a shelf box	N/A -
571164	Base cover panel	N/A -

Fire resistant under-bench cabinets 30 min or 90 min NF EN 14470-1

- Steel outer body
- Chemical-resistant interior lining
- Doors or drawers with lock(s)
- Connection Ø 75 mm for ventilation system at the rear of the cabinet (strongly recommended, see page 1308)



The safety cabinets are delivered carriage paid to the quay.
For delivery on the first floor, please consult us.



571043B

Type	Model 90 min			Model 30 min	
Model	VBF.60.110-S	VBF.60.110-2S	VBF.60.110-T/01110	F30.60.110-S	UB30.60.110.2T
Fire protection	90 min	90 min	90 min	30 min	30 min
Number of doors/drawers	1 drawer	2 drawers	2 doors	1 drawer	2 doors
Ext. Dim. W x D x H (mm)	1102 x 574 x 600	1102 x 574 x 600	1102 x 574 x 600	1100 x 550 x 598	1100 x 550 x 598
int. Dim. W x D x H (mm)	979 x 453 x 502	479 x 453 x 502	978 x 452 x 502	930 x 481 x 534	980 x 482 x 534
Weight (kg)	120	120	120	120	120
Interior equipment	Retention tray integrated in the drawer		Retention tray gratings	Retention tray integrated in the drawer	Retention tray gratings
Cat. No.	571043B	571042B	571044C	571036B	571140
€	N/A -	N/A -	N/A -	N/A -	N/A -

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90 min fire resistant cabinets NF EN 14470-1 with hinged doors


571024B


571025B

- Steel outer body
- Chemical-resistant interior lining
- Door holding system included
- Security lock with interchangeable barrel
- Shelves adjustable in height in 32 mm increments
- Permissible distributed load per shelf: 75 kg
- Connection Ø 75 mm for ventilation system on top of the enclosure (strongly recommended, see page 1308)
- Certified to NF EN 14470-1

TIP

The safety cabinets are delivered carriage paid to the quay. For delivery on the first floor, please consult us.

Model	S90.196.120.WDAS	S90.196.060.WDAS
Fire protection	90 min	90 min
Number of hinged doors	2	1
out.Ø (W x D x H) (mm)	1200 x 615 x 1968	600 x 615 x 1968
inn.Ø (W x D x H) (mm)	1050 x 520 x 1740	450 x 520 x 1720
Weight (kg)	420	260
Interior equipment	3 shelves, 1 retention tray and 1 grating and door holder	
Cat. No.	**571024C**	**571025C**
€	**N/A -**	**N/A -**
Additional shelf	**571046B**	**571045B**
€	**N/A -**	**N/A -**

Q-Classic fire resistant security cabinets 90 min or 30 min NF EN 14470-1

Model 90 min:
- Ext. dim. (W x D x H): 1193 x 615 x 1953 mm
- Int. dim. (W x D x H): 1050 x 522 x 1647 mm
- Weight: 424 kg

Model 30 min:
- Ext. dim. (W x D x H): 1164 x 620 x 1947 mm
- Int. dim. (W x D x H): 1050 x 519 x 1626 mm
- Weight: 240 kg



- Automatic door closure by means of an integrated thermofuse in the event of fire
- Doors remain open in any angle
- Transport base for easy moving, optional removable plinth
- Shelves adjustable in height in 32 mm increments
- Permissible distributed load per shelf: 75 kg
- Connection Ø 75 mm for ventilation system on top of the cabinet (strongly recommended, see page 1308)
- Supplied as standard with 3 shelves (1040 x 432 x 30 mm), 1 retention tray 33 l and 1 grating

	Model 90 min		Model 30 min	
Door colours	**Cat. No.**	**€**	**Cat. No.**	**€**
Yellow	571094C	N/A -	571114B	N/A -
Grey	571095C	N/A -	571115B	N/A -
Red	571096C	N/A -	571116B	N/A -
Blue	571097C	N/A -	571117B	N/A -
Green	571098C	N/A -	571118B	N/A -
Silver	571099C	N/A -	571119B	N/A -
White	571100C	N/A -	571120B	N/A -

The safety cabinets are delivered carriage paid to the quay. For delivery on the first floor, please consult us.

Accessories

Cat. No.	Description	€
571046B	Additional shelf (dim.: 1040 x 432 x 30 mm)	N/A -
571101B	Base cover panel	N/A -
571102B	Q-Mover 2-piece set (for easy transport of Q-cabinets through standard height doors)	N/A -

V-LINE fire resistant cabinet 90 min

- Reduced width cabinet, only 45 cm thanks to the drawer: space-saving, optimal storage capacity almost identical to conventional cabinets with 90 cm wide doors
- Tall cabinet with 1 vertical drawer
- Motor-assisted drawer opening and automatic closing after 60 seconds
- Overview of the stored products with easy access from the right or left side of the drawer
- Key lock of the drawer
- Ventilation holes DN75 for connection to a filter or self-contained ventilation system
- Equipped with 4 or 5 shelves, 1 grating and 1 retention tray 11-litre to the floor
- Colour: anthracite grey body and drawer colour to be chosen or unicolour model in grey or white
- Fire resistant for 90 minutes according to EN 14470-1
- Ext. Dimensions W x D x H (mm) 450 x 863 x 1966



Model Unicolour white



	Model with 1 vertical drawer 4 shelves		Model with 1 vertical drawer 5 shelves	
Drawer colour	Cat. No.	€	Cat. No.	€
Yellow	571207	N/A -	571212	N/A -
Grey	571208	N/A -	571213	N/A -
Red	571209	N/A -	571214	N/A -
Blue	571210	N/A -	571215	N/A -
Silver	571211	N/A -	571216	N/A -
Cabinet, unicolour: grey	-	-	571218	N/A -
Cabinet, unicolour: white	571219	N/A -	571220	N/A -

Accessory

Cat. No.	Description	€
571235	Safety rails for 1 shelf	N/A -

Enter the Cat. No.on dulis.nl to find the selection guide for safety cabinets.

Combined cabinet with 90 min fire resistance NF EN 14470-1

- Two separate inner compartments for storing flammable liquids and chemicals in one cabinet
- Door holding system included
- Security lock with interchangeable barrel
- Shelves adjustable in height in 32 mm increments
- Permissible distributed load per shelf: 75 kg
- Connection Ø 75 mm for ventilation system on top of the enclosure (strongly recommended, see page 1308)
- Certified to NF EN 14470-1



Model	K90.196.120.MF.FWAS	
Ext. Dim. W x D x H (mm)	1197 x 617 x 1969	
Int. Dim. W x D x H (mm)	1050 x 524 x 1742	
Weight (kg)	515	
Left compartment (flammable liquids)	3 shelves Gratings Floor retention tray 22.5 l	3 shelves Gratings Floor retention tray 22.5 l
Right compartment (Acids and bases)	4 shelf trays without metal Plastic tray	6 shelf trays without metal Plastic tray
Cat. No.	571002C	571049B
€	N/A -	N/A -

Refrigerated safety cabinet UB-S-90

- Under-bench cabinet with refrigeration system for keeping products in a refrigerated environment
- Fire resistance 90 min EN 14470-1
- Ventilation system with activated carbon filter for retention of solvent vapours
- Pull-out drawer with lock and stainless steel drip tray; ergonomic: remains open (regardless of opening)
- Load capacity 50 kg
- Maximum refrigeration capacity: 2 °C
- Ext. dim. W x D x H: 1108 x 574 x 630 mm / Dim. int. W x D x H: 980 x 450 x 500 mm
- Weight: 180 kg



Cat. No.	Description	€
571122	Refrigerated safety cabinet UB-S-90	N/A -

The safety cabinets are delivered carriage paid to the quay. For delivery on the first floor, please consult us.

All prices are indicative and exclude VAT. Visit www.dulis.nl

ASECOS combi underbench cabinet



571104

571103

- **2 in 1: storage of flammable and aggressive substances in 1 cabinet**

Compartment for the storage of flammable hazardous substances:

- **Easy handling, doors or drawers can be opened without too much effort**
- **Doors and drawers remain open in any position**
- **Self-closing door or drawer in case of fire**
- **Lockable doors or drawers**

Compartment for the storage of aggressive, non-flammable substances:

- **Lockable doors**
- **2 sliding shelves with removable retention trays**

Model	2 doors	1 drawer and 1 door
Ext. Dim. W x D x H (mm)	1100 x 500 x 600	1100 x 500 x 600
Int. Dim. W x D x H (mm)	2 x (470 x 450 x 500)	2 x (470 x 450 x 500)
Left compartment (flammable liquids)	Hinged door Floor retention tray with grating and shelf	Drawer Tray Drawer
Right compartment (corrosives)	2 sliding shelves with retention trays	2 sliding shelves with retention trays
Cat. No.	**571104B**	**571103**
€	**N/A -**	**N/A -**

Recirculating air filter system for solvent vapours



571008B

For filtering solvent vapours from cabinets.
Only for fire resistant tall cabinet 90 min.

- **Audible and visual alarm**
- **Automatic monitoring of the filter saturation rate**
- **Delivered ready to use**

Cat. No.	Model	Description	€
571008B	UFA.020.030	Recirculating air filter system for retaining solvent vapours	**N/A -**

Accessory

Cat. No.	Description	€
571056B	Replacement filter	**N/A -**

Soundproof extraction unit



571058B

571052B

- **To extract vapours from safety cabinets**
- **Air exchange in the cabinet up to 120 times per hour**
- **Quick assembly**

Cat. No.	Model	Description	€
571057B	HF.EA.8677	Standard unit	**N/A -**
571058B	HF.EA.11442	Unit with airflow control* - Power kW 0.035	**N/A -**

Units for under-bench cabinets

Cat. No.	Model	Description	€
571053B	HF.EA.15575	Wall-mounted unit with airflow control*	**N/A -**
571052B	HF.EA.11570	Standard soundproof ventilation unit for wall mounting	**N/A -**

*Flow control: In case of fan malfunction or pressure drop, the green light goes off and the red light comes on.

Filtration chambers



571004

For filtering vapours from safety cabinets.

- **NFX 15-211 (1996) on the walls for toxins with recirculation of filtered air (ETRAF)**
- **Extremely effective filter with activated charcoal**
- **Saturation rate of filter controlled by taking manual samples**
- **Supplied ready to use with 1 metre of hose, 2 collars Ø 80 mm, a connector cable and a socket**

Cat. No.	Model	Description	€
571051	EP.L.53048	Chamber for solvents	**N/A -**
571004	EP.L.53049	Chamber for corrosives	**N/A -**

Accessories

Cat. No.	Model	Description	€
571074	EP.L.53050	AS spare filter for solvents	**N/A -**
571075	EP.L.53051	BE spare filter for corrosive products	**N/A -**

Chambers with specific filters for predominantly formaldehyde vapours, high particle efficiency or for powders on request.

Safety cabinets for poisons

Specially designed for the storage of poisons. Can be used as a wall cabinet or as a poison chest within a large cabinet.

- 10/10 construction
- Standard symbols
- Epoxy paint RAL 9010
- Key lock

Cat. No.	H x L x D (mm)	Storage Capacity	Number of Shelves	Weight (kg)	€
060037	380 x 470 x 205	12 l	2	10	N/A -
060036	580 x 470 x 205	19 l	4	15	N/A -



See also our medicine cabinets on page 1191



MF2



MF1

10 and 20 litre safety cabinets

Specially designed for the storage of small volumes of flammable products and other solvents. Optional CO_2 fire extinguisher with automatic activation in case of fire in accordance with CNPP FSE 98-006 specifications.

- Standard symbols
- Automatic key lock
- Made from steel coated with epoxy paint RAL 1013
- Sloping roof prevents uncontrolled storage
- Shelf on retention tray
- Integrated retention tray
- Supplied with a 120 gram fire extinguisher



AMS10



AMS20

Cat. No.	External dimensions H x L x D (mm)	Internal dimensions H x L x D (mm)	Storage Capacity	Retention capacity	Number of Shelves	Retention tray	Weight (kg)	€
060091	455 x 500 x 250	260 x 490 x 220	10 l	10 l	1	1	12	N/A -
060092	500 x 700 x 250	260 x 690 x 220	20 l	15 l	1	1	20	N/A -

Under-bench security cabinet, 30 litre

Specially designed to store your hazardous materials under laboratory benches. Available in versions for flammable, corrosive (acids and bases) or toxic products.



SV30 + 4RPV

AB60 + 4RPV

- 15/10th steel construction with double-walled door
- Epoxy paint
- Standard symbols
- Steel shelves and drip trays
- PVC over-shelf and drip tray for the acid model (AC30)
- Ventilation holes
- Key lock
- Options: swivel castors, forced ventilation

Cat. No.	For products	External dimensions H x L x D (mm)	Internal dimensions H x L x D (mm)	Storage Capacity	Retention capacity	Number of Shelves	Retention tray	Weight (kg)	€
060084	Inflammables	670 x 550 x 500	650 x 530 x 470	30 l	28 l	1	1	30	N/A -
060086	Bases	670 x 550 x 500	650 x 530 x 470	30 l	28 l	1	1	30	N/A -
060087	Toxic	670 x 550 x 500	650 x 530 x 470	30 l	28 l	1	1	30	N/A -

Cat. No.	Description	€
060088B	4 swivel castors, 2 of which are lockable, total height: 730 mm	N/A -
060089*	Integrated fan 90 m3/hour - 220 volts for acid, base or toxic models	N/A -
060090*	Control unit for fan M100/4	N/A -

* not compatible with Cat. No. 060084

All prices are indicative and exclude VAT. Visit www.dulis.nl

Multi-risk modular cabinets



- Modular solution for product storage
- Compartment layout on request
- Epoxy painted steel construction
- Standardised pictograms
- Top and bottom ventilation
- 100 mm diameter roof outlet for possible connection (except 060330 and 060331 at the back)
- Height-adjustable steel retention shelf
- Removable steel drip tray at the bottom of each compartment



Tall cabinets, width 560 mm

Doors	1 solid door	1 glass door	2 solid doors	2 solid doors	3 solid doors	3 solid doors
Compartments	1	1	2	2	3	3
Dimensions H x Wl x D (mm)	1825 x 560 x 545	1825 x 560 x 545	1825 x 560 x 545	1825 x 560 x 545	1825 x 560 x 545	1825 x 560 x 545
Storage Capacity	150	150	110	110	90	90
Retention capacity	40	40	70	70	90	90
Steel retention shelf	3 in steel	3 in steel	4 in steel	2 in steel and 2 in PVC	3 in steel	3 steel and 1 in PVC
Steel retention tray	1	1	2 in steel	1 in steel and 1 in PVC	3 in steel	2 in steel and 1 in PVC
Weight	60	60	65	65	70	70
Cat. No.	**060191**	**060295**	**060296**	**060285**	**060297**	**060160**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Tall cabinets, width 1120 mm

Doors	2 solid doors	2 glass doors	2 hinged doors	2 hinged glass doors	4 hinged doors	4 hinged glass doors
Compartments	1	1	2	2	4	4
Dimensions H x Wl x D (mm)	1825 x 1120 x 545	1825 x 1120 x 545	1825 x 1120 x 545	1825 x 1120 x 545	1825 x 1120 x 545	1825 x 1120 x 545
Storage Capacity	300	300	2 x 130	2 x 130	4 x 55	4 x 55
Retention capacity	80	80	2 x 40	2 x 40	4 x 35	4 x 35
Steel retention shelf	3 in steel	3 in steel	6 in steel	6 in steel	8 in steel	8 in steel and 2 in PVC
Steel retention tray	1 in steel	1 in steel	2 in steel	2 in steel	3 in steel	3 in steel and 1 in PVC
Weight	105	105	115	115	130	130
Cat. No.	**060298**	**060299**	**060322**	**060323**	**060324**	**060325**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Base cabinets, width 560 and 1120 mm

Doors	1 hinged door	2 solid doors	2 solid hinged doors	2 solid hinged doors
Compartments	1	2	2	2
Dimensions H x Wl x D (mm)	670 x 560 x 545	670 x 1120 x 545	670 x 1120 x 545	670 x 1120 x 545
Storage Capacity	30	-	2 x 30	2 x 30
Retention capacity	30	-	2 x 30	2 x 30
Steel retention shelf	1 in steel	1 in steel	2 in steel and 1 in PVC	2 in steel and 1 in PVC
Steel retention tray	1 in steel	1 in steel	2 in steel	2 in steel
Weight	25	48	50	50
Cat. No.	**060328**	**060329**	**060330***	**060331****
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

**Note: the safety cabinets are delivered free of charge (France) on the ground floor.
For delivery on the first floor, please consult us.**

* model with standard fan, not suitable for storage of flammable products or solvents
** model without fan

Anti-corrosion safety cabinets for acids and bases

- In white cellular PVC: perfect resistance to corrosive liquids and their vapours
- Ventilation holes Ø 100 mm top and bottom for connection
- Doors with key locks: hinged (960544, 960546 and 960548) or sliding(960545, 960547 and 960549)
- Feet with adjustment lift
- Sliding retentionshelves





		Number of compartments		Number of Shelves/ Retention bins					
Cat. No.	Ext. dimension H x L x D (mm)	Main	Secondary	Main	Secondary	Storage Capacity (kg)	Retention capacity (l)	Weight (kg)	€
960544	630 x 635 x 578	1	1	2	2	40	28	30	N/A -
960545	630 x 1135 x 578	2	0	4	0	72	44	60	N/A -
960546	900 x 635 x 615	2	2	6	6	120	84	90	N/A -
960547	1100 x 1135 x 615	2	0	6	0	100	66	110	N/A -
960548	1900 x 635 x 615	3	3	5	5	108	70	83	N/A -
960549	1900 x 1135 x 615	2	0	8	0	144	88	155	N/A -
060076	Additional shelf/sliding retention bin					20	11	6	N/A -

240 l safety cabinet for hazardous materials

For the storage of dangerous products.

- In 8/10th steel with grey paint RAL 7035
- Retention rack (H: 50 mm) supplied, height adjustable every 25 mm
- Retention bin at the bottom of the cabinet (H: 50 mm)
- Supplied with standardised pictograms
- Ventilation holes on the side
- Reminder: these cabinets are not suitable for storing highly corrosive products (nitric, sulphuric, hydrochloric acids, etc.). Consult us to find out which range of cabinets best suits your needs



Cat. No.	Dimensions H x L x D (mm)	Capacity of storage (l)	Capacity of retention (l)	Number of Shelves	Weight (kg)	€
060287B	1800 x 920 x 420	240	80	4	60	N/A -

Note: the safety cabinets are delivered free of charge (France) on the ground floor. For delivery on the first floor, please consult us.

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30 minute safety cabinets for flammable products



Specially designed for the storage of flammable products in accordance with EN 14470-1 (04/2004) and FM 6050.

- Insulated panel construction 38 mm thick
- Detachable drip tray in lower part
- Height-adjustable retention shelves
- Ventilation hole Ø 100 mm
- Standard symbols
- 3 door locks with key
- Door support system in open position with automatic closing in event of fire
- Meets the requirements of the American FM 6050 standard for the storage of flammable products
- 30 minutes fire resistance according to ISO 834 standard curve
- Models available with shelves or drawers

30 min shelving cabinets

Cat. No.	Ext. Dimensions W x D x H (mm)	Storage Capacity(l)	Retention capacity (l)	Number of doors	Number of Shelves	Number of Gratings	Weight (kg)	€
060337	605 x 630 x 635	30	20	1	-	1	64	N/A -
060338	1115 x 630 x 635	60	41	2	-	1	108	N/A -
060339	605 x 550 x 1980	130	20	1	3	-	117	N/A -
060340	1115 x 550 x 1980	250	41	2	3	-	210	N/A -
060341	1092 x 537 x 1198	113	31	2	1	-	170	N/A -
060342	1092 x 457 x 1731	170	31	2	2	-	210	N/A -
060343	864 x 864 x 1731	228	54	2	2	-	210	N/A -

30 min drawer cabinets

Cat. No.	Ext. Dimensions W x D x H (mm)	Storage Capacity(l)	Retention capacity (l)	Number of doors	Number of drawers	Weight (kg)	€
960328	605 x 550 x 1980	130	20	1	4	141	N/A -
960329	605 x 550 x 1980	130	20	1	5	147	N/A -
960330	605 x 550 x 1980	130	20	1	6	153	N/A -
960331	1115 x 550 x 1980	250	41	2	4	258	N/A -
960332	1115 x 550 x 1980	250	41	2	5	270	N/A -
960333	1115 x 550 x 1980	250	41	2	6	287	N/A -

30 min. safety cabinets with glass doors for flammable products

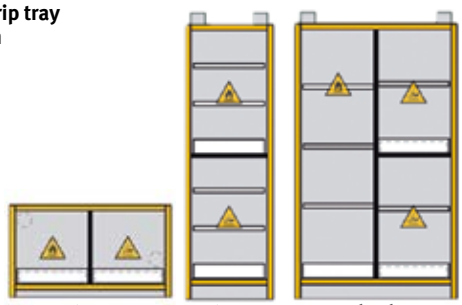


- 2 models with glass doors
- Immediate visualization of the products stored in the cabinet
- Tested and homologated to type 30 minutes in accordance with EN 14470-1
- Base with cover for easy movement by pallet jack when empty
- Ventilation holes Ø 100 mm for possible connection
- Door hold-open system with automatic closing in case of fire (thermal fuses)
- 3 door locks with key
- Lock with anti-spark lock
- Supplied with 3 shelves and 1 retention tray

Cat. No.	Ext. Dim. W x D x H (mm)	Storage Capacity(l)	Number of glass doors	Number of Shelves	Weight (kg)	€
060391	605 x 550 x 1980	130	1	3	117	N/A -
060392	1115 x 550 x 1980	250	2	3	210	N/A -

30 minute multirisk cabinets - EN 14470-1 & FM

- 30 minutes fire resistance: tested and approved type 30 minutes to EN 14470-1
- Tested and approved 10 minutes to FM 6050 (Factory Mutual international)
- Separation by families of hazardous products
- Transport base with cover for easy transport with pallet jack (except for underbench model)
- 3-point key lock (non-sparking lock)
- Ventilation holes Ø 100 mm for possible connection
- Door holding system with automatic closing in case of fire
- Height-adjustable retention shelves in 32 mm increments
- Removable drip tray at the bottom



060358 060359 060363



Cat. No.	Description	Ext. dimension H x L x D (mm)	Internal equipment: Retention shelf	Internal equipment: Retention tray	Internal equipment: Grating for bins	Weight (kg)	€
060358	2-door under-bench cabinet with 2 compartments	635 x 1115 x 630	-	2	2	108	N/A -
060359	1 door tall cabinet with 2 compartments	1980 x 605 x 550	4	2	Option	126	N/A -
060360	1 door tall cabinet with 3 compartments	1980 x 605 x 550	3	3	Option	129	N/A -
060361	1-door tall cabinet with 4 compartments	1980 x 605 x 550	-	4	4	142	N/A -
060362	2-door tall cabinet with 2 compartments	1980 x 1115 x 550	6	2	Option	232	N/A -
060363	2-door tall cabinet with 3 compartments	1980 x 1115 x 550	7	3	Option	241	N/A -
060364	2-door tall cabinet with 4 compartments	1980 x 1115 x 550	6	4	Option	244	N/A -
060365	2-door tall cabinet with 4 compartments	1980 x 1115 x 550	8	4	Option	252	N/A -

Safety cabinets with filtered ventilation

Ventilation/filtration system tested and approved to NF X 15.211. Self-contained cabinet ensuring your safety thanks to a filtration ventilation system adapted to the products stored.

- Made from steel coated with epoxy paint
- Standard symbols
- Perforated shelves and retention bin drawers at the bottom of the cabinet
- Key lock
- Glass doors for immediate viewing





060109B

Accessories

Cat. No.	Description	€
060120	Activated carbon filter for flammable vapours	N/A -
060112	Activated carbon filter for organic and corrosive vapours	N/A -

Cat. No.	Ext. dim. H x L x D (mm)	Int. dim. H x L x D (mm)	Storage Capacity(l)	Number of Shelves	Retention tray	Number of compartments	Weight (kg)	€
060106B	1900 x 800 x 545	1500 x 780 x 500	140 litres	4	1	1	140	N/A -
060107B	1900 x 800 x 545	(2x) 1500 x 380 x 500	120 litres	8	2	2	150	N/A -
060108B	1950 x 1600 x 545	(2x) 1500 x 780 x 500	260 litres	8	2	2	280	N/A -
060109B	1950 x 1600 x 545	1500 x 780 x 500 + (2x) 1500 x 380 x 500	280 litres	12	3	3	290	N/A -
060119B	1950 x 1600 x 545	(4x) 1500 x 380 x 500	240 litres	16	4	4	300	N/A -

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Labopur® Recirculating air chambers



The electric fan allows the extraction of noxious and toxic vapours from the safety cabinets. The vapours are purified as they pass through the activated carbon filter and are then released into the atmosphere without harming the environment. Complies with NF X 15- 211.

- **Construction in 12/10th steel and epoxy paint in white RAL9010 and blue RAL 5015**
- **Quiet fan 220/240 V, 20 W, 0.1 A, 43 dB, flow rate 86 m³/h**
- **Suction diameter (mm): 100**
- **Dust filter, 92% efficiency of particles > 3 µm**
- **Charcoal filter presence control screen**
- **Supplied without activated carbon filter***

Vertical chamber for under-bench cabinets

- **For connection to under-bench cabinets (adaptable to all cabinets)**
- **Rear castors for easy movement**

Cat. No.	Description	Dimensions H x L x D (mm)	Weight (kg)	€
060469	Vertical chamber without filter	670 x 270 x460	18	**N/A -**
060471	Multi-purpose activated carbon filter*.	100 x 200 x 400	9	**N/A -**
060470	Activated carbon filter for organic vapours*.	100 x 200 x 400	8	**N/A -**
060472	Activated carbon filter for formaldehyde vapours*	100 x 200 x 400	9	**N/A -**

* Complete the diagnostic file for filter configuration

Options

- **Activated carbon filter to be selected according to the products stored***
- **Connection kit for connection to the cabinet**

Accessory

Cat. No.	Description	€
060009	Connection kit for chamber	**N/A -**

Ventilation and filtration chambers



For ventilating or filtering vapours in safety cabinets.

- **Chamber with electric fan (220 v, 50 Hz)**
- **With or without activated carbon filter**
- **100 mm suction diameter, optional chamber connection kit**

Cat. No.	Activated carbon filter	H x L x D (mm)	Weight (kg)	€
060008	No	225 x 400 x 195	11.5	**N/A -**

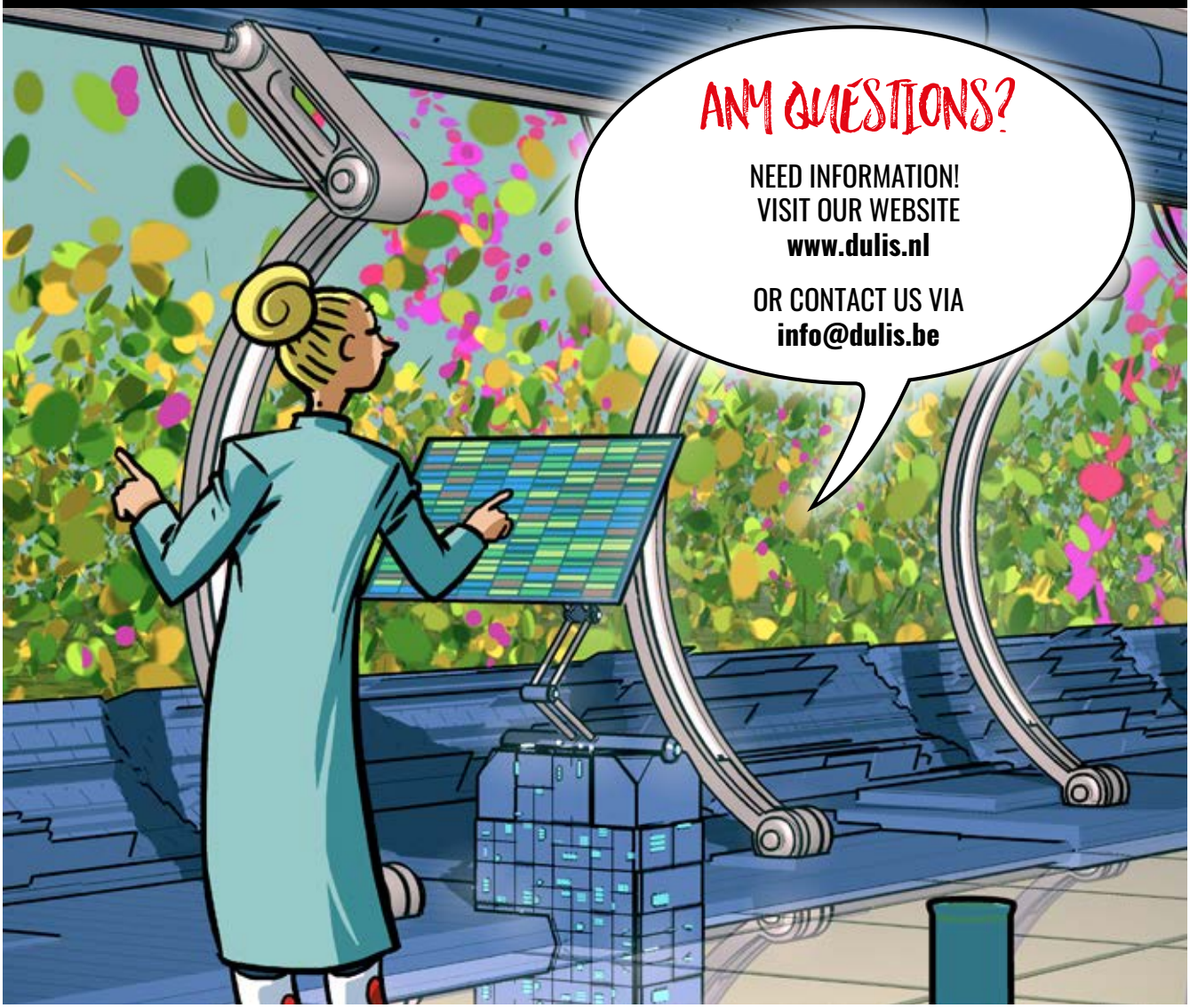
Accessory

Cat. No.	Description	€
060009	Connection kit for chamber	**N/A -**

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Stainless steel serving trolley with wheels



- In 18/10 stainless steel
- 2 or 3 trays
- Delivered fully welded
- 4 wheels including 2 with brakes with electroplated tread
- Stainless steel tube diameter 25 mm

Cat. No.	Levels	Approximate dimensions L x D x H (mm)	€
126004B	2	800 x 580 x 960 mm	N/A -
126005B	3	800 x 580 x 960 mm	N/A -
126204B	2	1000 x 670 x 960 mm	N/A -
126205B	3	1000 x 670 x 960 mm	N/A -

Rack and tray dollies



- Stainless steel
- Useful dimensions (mm): 510 x 510
- Available with or without handle
- 4 swivel wheels Ø 100 mm
- Maximum load (kg): 80

Cat. No.	Description	Overall dimensions L x W x H (mm)	€
909854	Stainless steel Rack dolly	515 x 515 x 165	N/A -
909855	Stainless steel Rack dolly with handle	600 x 515 x 850	N/A -

Multipurpose trolleys



- Light grey
- Aluminium frame
- 2 or 3 polypropylene trays
- Load capacity: 100 kg/trolley and 60 kg/shelf

Cat. No.	Ext. dimension L x W x H (mm)	Int. dimensions L x W x H (mm)	Number of trays	€
540040	485 x 365 x 720	480 x 360	2	N/A -
540041	485 x 365 x 720	480 x 360	3	N/A -

Stainless steel trolleys



- 4 noise-reducing swivel wheels Ø 100 mm, 2 of which have brakes
- 4 corner stops
- Load capacity: 250 kg/trolley and 80 kg/shelf

Cat. No.	Ext. dimension L x W x H (mm)	Number of trays	€
540042	930 x 610 x 935	2	N/A -
540043	930 x 610 x 935	3	N/A -
540044	710 x 405 x 810	2	N/A -

Multipurpose plastic trolleys



- Aluminium frame and thick polypropylene trays
- Load capacity per shelf: 80 kg
- Load capacity per trolley: 250 kg
- 4 wheels Ø 100 mm, 2 of which have brakes
- Double ball bearing wheels
- Delivered unassembled, easy to assemble

No. of trays	Dimensions (W x L x H) (mm)	Black		Grey	
		Cat. No.	€	Cat. No.	€
2	850 x 480 x 950	040178	N/A -	040182	N/A -
3	850 x 480 x 1000	040179	N/A -	040183	N/A -
2	1100 x 520 x 950	040180	N/A -	040184	N/A -
3	1100 x 520 x 1020	040181	N/A -	040185	N/A -

6-wheel dollies

- Compatible with all 600 x 400 and 400 x 300 mm containers and crates
- High manoeuvrability and stability
- For loads up to 250 kg
- Steel axle and screws

Cat. No.	Description	Wheel material	Weight (kg)	L x W x H (mm)	€
212056	6-wheel base	PP	2.87	613 x 414 x 135	N/A -
212057	Silent 6-wheel base	PA + rubber bandage	3.62	613 x 414 x 135	N/A -

Stainless steel handle drawbar for wheel base

- Makes it easier to move heavy loads

Cat. No.	Description	Handle length (mm)	Weight (kg)	€
212058	Stainless steel handle drawbar for 6-wheel base	960	1.1	N/A -



Trolleys

Standard trolley

- Smooth surfaces
- PP and aluminium tubes
- Withstands a load of 90 kg
- Dim.: 860 x 470 x 960 mm

Colours	White	Green	€
Cat. No.	039672	039674	N/A -

Large format trolley

- Scratch resistant surface
- White and aluminium colours
- Withstands a load of 135 kg
- Dim.: 1030 x 510 x 960 mm

Cat. No.	Description	€
039675	Large format trolley	N/A -



Folding trolley

- Practical for transporting files, small boxes, materials or tool boxes
- Aluminium frames and quality plastic trays
- Quickly folds down by means of a push button on the handle
- Mounted on 4 wheels: 2 pivoting at the front and 2 fixed with brakes at the rear
- Folds and unfolds easily
- Robust and handy
- Indoor and outdoor use
- Supplied with 1 folding 46 litre bin

Overall / folded height (mm)	1030 / 180
Overall / folded width (mm)	550 /550
Overall / folded length (mm)	890 / 710
Upper/inf. tray Usable L x W (mm)	530 x 380 / 540 x 380
Upper/inferior tray force (kg)	20 / 40
Cat. No.	**2004M11558**
€	**N/A -**



Sterilisation cabinets

Stainless steel cabinet with rounded corners and transparent plexiglass door.

- Control knob at the bottom
- Timer from 0 to 2 hours
- Tube interruption device when doors are opened
- Key lock
- Protection class IP24

Cat. No.	Description	Dimensions L x D x H (mm)	€
909851	Single door cabinet with magnetic bar	575 x 170 x 600	N/A -

Replacement tube for cabinet length 575 mm

Cat. No.	Description	€
909852	UV lamp, 15 W	N/A -



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Stainless steel work tables

Stainless steel tables with rounded edges. Hygiene assured and easy to clean.

- Quick assembly without tools
- Height: 900 mm
- Rounded front fascia and backsplash
- Stainless steel tube base, diameter 45 mm
- Feet with adjustment lift and anti-slip tips
- 65 mm recessed feet on backsplash table and 55 mm on center table
- Acoustic comfort, soundproof worktop


Stainless steel table without backsplash


Stainless steel table with backsplash

TIP

Different lengths and other dimensions on request

Central stainless steel tables - depth: 600 mm

	Stainless steel table without backsplash		Stainless steel table with backsplash	
Dim.: D x L (mm)	Cat. No.	€	Cat. No.	€
600 x 600	909826	N/A -	909831	N/A -
600 x 1000	909827	N/A -	909832	N/A -
600 x 1200	909828	N/A -	909833	N/A -
600 x 1400	909829	N/A -	909834	N/A -
600 x 1500	909830	N/A -	909835	N/A -

Central stainless steel tables - depth: 700 mm

	Stainless steel table without backsplash		Stainless steel table with backsplash	
Dim.: D x L (mm)	Cat. No.	€	Cat. No.	€
700 x 700	909836	N/A -	909841	N/A -
700 x 1000	909837	N/A -	909842	N/A -
700 x 1200	909838	N/A -	909843	N/A -
700 x 1400	909839	N/A -	909844	N/A -
700 x 1500	909840	N/A -	909845	N/A -

Laboratory furniture and cabinets

Mobile furniture

- Furniture with doors and/or drawers
- White water-resistant melamine panels, thickness 19 mm
- 4 swivel wheels, 2 of which have self-locking brakes
- Hinged doors on concealed hinges, 110° opening
- Single door unit with 1 adjustable shelf level
- Delivered assembled, optional locks

Furniture with doors

Cat. No.	Dimensions W x D x H (mm) (wheels included)	Composition	€
922200	500 x 470 x 720	1 door and 1 shelf	N/A -
922201	1000 x 470 x 720	2 doors and 1 shelf	N/A -

Lock options

Cat. No.	Description	€
922209	Lock* / **	N/A -
922238	Fixed price for furniture and lock assembly	N/A -

* Mandatory Lockmounting
** For 2-door cabinet: 2 x 922209 and 1 x 922238 per furniture

Furniture with drawers

Cat. No.	Dimensions W x D x H (mm) (wheels included)	Composition	€
922202	500 x 470 x 720	4 drawers	N/A -

Lock options

Cat. No.	Description	€
922209	Lock* / **	N/A -
922238	Fixed price for furniture and lock assembly	N/A -

* Mandatory Lockmounting
** For 4-drawer cabinets: 4 x 922209 and 1 x 922238 per furniture

Furniture with doors and drawers

Cat. No.	Dimensions W x D x H (mm)(wheels included)	Composition	€
922203	1000 x 470 x 720	1 door and 4 drawers	N/A -
922204	500 x 470 x 720	1 door, 1 shelf and 1 drawer	N/A -

Lock options

Cat. No.	Description	€
922209	Lock* / **	N/A -
922238	Fixed price for furniture and lock assembly	N/A -

* Mandatory Lockmounting
** For furniture with drawers and doors: 1 x 9222209 per door and drawer and 1 x 922238 per piece of furniture

Under bench cabinet

Cat. No.	Dimensions W x D x H (mm) (wheels included)	Composition	€
922206	1000 x 470 x 720	1 door and 1 shelf	N/A -
922207	500 x 470 x 720	2 doors and 1 shelf	N/A -



Delivered assembled. Ready to use.

Hanging furniture

- White water-resistant melamine panels, thickness 19 mm
- With solid swing door(s) or sliding glass door(s)
- Delivered assembled
- Equipped withone shelf for 1-door model, and 2 shelves for 2-door model
- Central divider for 2-door cabinet

Dimensions L x D x H (mm)	Solid doors	Glass doors	Composition	Cat. No.	€
500 x 350 x 700	Yes	-	1 door and 1 shelf	922210	N/A -
500 x 350 x 700	-	Yes	1 door and 1 shelf	922236	N/A -
1000 x 350 x 700	Yes	-	2 doors and 2 shelves	922211	N/A -
1000 x 350 x 700	-	Yes	2 doors and 2 shelves	922237	N/A -

High cabinets

- White water-resistant melamine panels, thickness 19 mm
- Hinged doors
- Equipped with 4 shelves for the 1-door model, and 2 x 4 shelves for the 2-door model
- 2-door model with central partition
- Feet with 4 adjustment lifts
- Delivered assembled

Cat. No.	Dimensions L x D x H (mm)	Composition	€
922213	500 x 600 x 2000	1 hinged door and 4 shelves	N/A -
922214	1000 x 600 x 2000	2 hinged doors and 2 x 4 shelves (central separation)	N/A -

Cabinet option

Cat. No.	Description	€
922216	Additionalshelf	N/A -

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Köttermann laboratory furniture



Köttermann Systemlabor

TIP

Do you have a new laboratory project?
Don't waste time...
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We take care of the complete study: 3D plans, estimate, installation...





Köttermann fixed and mobile work tables

- Different widths and depths
- Melamine TopResist® or Trespa Toplab® Plus coating
- Table with steel shelf
- Total weight supported: 250 kg fixed bench and 100 kg mobile bench
- Delivered disassembled, easy assembly by screwing and gluing
- **TopResist® Melamine**, edge-free, versatile, good chemical resistance, robust, ideal for appliances
- **Laboratory grade HPL, Trespa® TopLab® PLUS:** composed of phenolic resins and cellulose fibres. Very dense, excellent chemical resistance, rot-proof. Easy to decontaminate, ideal for clean room, wet area, and various chemical applications





Fixed tables 600 mm deep and 900 mm high

Coating	TopResist® Melamine		Trespa Toplab® Plus	
Dimensions (mm) L x D x H	Cat. No.	€	Cat. No.	€
900 x 600 x 900	382209	N/A -	382228	N/A -
1200 x 600 x 900	382210	N/A -	382229	N/A -
1500 x 600 x 900	382211	N/A -	382230	N/A -

Mobile tables depth 600 mm height 900 mm

Coating	TopResist® Melamine		Trespa Toplab® Plus	
Dimensions: L x D x H (mm)	Cat. No.	€	Cat. No.	€
1200 x 600 x 900	382215	N/A -	382220	N/A -
1500 x 600 x 900	382216	N/A -	382221	N/A -

Fixed tables 750 mm deep and 900 mm high

Coating	TopResist® Melamine		Trespa Toplab® Plus	
Dimensions (mm) L x D x H	Cat. No.	€	Cat. No.	€
900 x 750 x 900	382212	N/A -	382231	N/A -
1200 x 750 x 900	382213	N/A -	382232	N/A -
1500 x 750 x 900	382214	N/A -	382233	N/A -

Mobile tables depth 750 mm height 900 mm

Coating	TopResist® Melamine		Trespa Toplab® Plus	
Dimensions: L x D x H (mm)	Cat. No.	€	Cat. No.	€
900 x 750 x 900	382217	N/A -	382222	N/A -
1200 X 750 x 900	382218	N/A -	382223	N/A -
1500 x 750 x 900	382219	N/A -	382224	N/A -

Köttermann under-bench furniture on castors

- Steel construction
- On castors
- Hinged doors, drawers or combined door and drawer openings
- Silent closing
- Furniture with a lock
- Cabinet height 740 mm and depth 516 mm

Description	Width: 450 mm	Width: 600 mm	Width: 900 mm	Width: 1200 mm
1 door and 1 shelf (hinged on the left)	382151	382159	-	-
€	N/A -	N/A -	-	-
2 doors and 1 shelf	-	-	382205	382143
€	-	-	N/A -	N/A -
4 drawers (drawers H: 150 mm)	382154	382162	382171	382146
€	N/A -	N/A -	N/A -	N/A -
2 drawers (drawers H: 300 mm)	382150	382158	382167	382142
€	N/A -	N/A -	N/A -	N/A -


4 drawers


2 drawers


2 doors and 1 shelf


1 door and 1 shelf

Köttermann high cabinets for laboratories

- Electrogalvanised steel construction
- Colour: Arctic white, anthracite base
- External height: 1920 mm
- Various widths: from 600 to 1200 mm


Open cabinet, 3 shelves


2 doors


2 sliding glass doors


2 sliding glass doors, 2 doors below

366 mm deep tall cabinets

Description	Width: 600 mm	Width: 900 mm	Width: 1200 mm
Open cabinet, 3 shelves	382024	382028	382018
€	N/A -	N/A -	N/A -
2 doors	-	382029	382019
€	-	N/A -	N/A -
2 sliding glass doors	-	382027	382017
€	-	N/A -	N/A -
2 sliding glass doors, 2 doors below	-	382036	382034
€	-	N/A -	N/A -

516 mm deep tall cabinets

Description	Width: 600 mm	Width: 900 mm	Width: 1200 mm
Open cabinet, 3 shelves	382025	382031	382021
€	N/A -	N/A -	N/A -
Cabinet 2 door 3 shelves	-	382033	382023
€	-	N/A -	N/A -
Cabinet 2 door 4 sliding shelves	-	382032	382022
€	-	N/A -	N/A -
2 sliding glass doors	-	382030	382020
€	-	N/A -	N/A -
2 sliding glass doors, 2 doors below	-	382037	382035
€	-	N/A -	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Work furniture-benches to be assembled

Work furniture to be assembled, different colours of legs, panels and edges of shelves.

- **Include:**
  - worktop with or without sink
  - 2 metal legs of 600 mm or 750 mm with or without skirting and shelf (3 metal legs for 1800 mm bench)
  - 1 laminate front panel
  - 1 back panel
  - 1 furniture stop
  - 1 fluid cover



Bench without skirting and shelf
600-900-1200-1500 mm

- **Maximum load: 180 kg**
- **Additional mounting possible, please consult us**
- **Complies with AFNOR 15201 standards**
- **3 possible coatings: enamelled glass, laminate and stoneware**
- **Choice of colours:**
  - colour of base: white or red
  - colour of fascia and edge of shelf: white, yellow or grey to be specified when ordering

Bench base 750 mm deep

Coating	Enamelled glass		Laminate		Drawn sandstone	
Dimensions: L x D (mm)	Cat. No.	€	Cat. No.	€	Cat. No.	€
750 mm worktop and 750 mm deep metal base						
600 x 750	374124	N/A -	374164	N/A -	374204	N/A -
900 x 750	374125	N/A -	374165	N/A -	374205	N/A -
1200 x 750	374126	N/A -	374166	N/A -	374206	N/A -
1500 x 750	374127	N/A -	374167	N/A -	374207	N/A -
1800 x 750	374128	N/A -	374168	N/A -	374208	N/A -

Bench depth 600 mm or 750 mm

	Coating	Enamelled glass		Laminate		Drawn sandstone	
	Dimensions: L x D (mm)	Cat. No.	€	Cat. No.	€	Cat. No.	€
	600 mm worktop and 600 mm deep metal base						
	600 x 600	374100	N/A -	374140	N/A -	374180	N/A -
	900 x 600	374101	N/A -	374141	N/A -	374181	N/A -
1	1200 x 600	374102	N/A -	374142	N/A -	374182	N/A -
	1500 x 600	374103	N/A -	374143	N/A -	374183	N/A -
2	1800 x 600	374104	N/A -	374144	N/A -	374184	N/A -
	750 mm worktop and 600 mm deep metal base						
	600 x 750	374116	N/A -	374156	N/A -	374196	N/A -
	900 x 750	374117	N/A -	374157	N/A -	374197	N/A -
	1200 x 750	374118	N/A -	374158	N/A -	374198	N/A -
	1500 x 750	374119	N/A -	374159	N/A -	374199	N/A -
	1800 x 750	374120	N/A -	374160	N/A -	374200	N/A -



TIP

Also available in the same dimensions: bench with sink (photo n°4), please consult us.

Note:
750 mm deep benches with a 600 mm base cannot be fitted with skirting and shelf. It can only be retrofitted to 750 mm deep benches with 750 mm deep base
750 mm deep benches with a 600 mm base can be placed along the wall even when fluids (e.g. water) are present, thanks to the 150 mm gap between the wall and the base.

Bench with skirting and shelf, height 90 cm

- **Bench with skirting and shelf**
- **The melamine backsplash accommodates the tapware and electrical outlets**

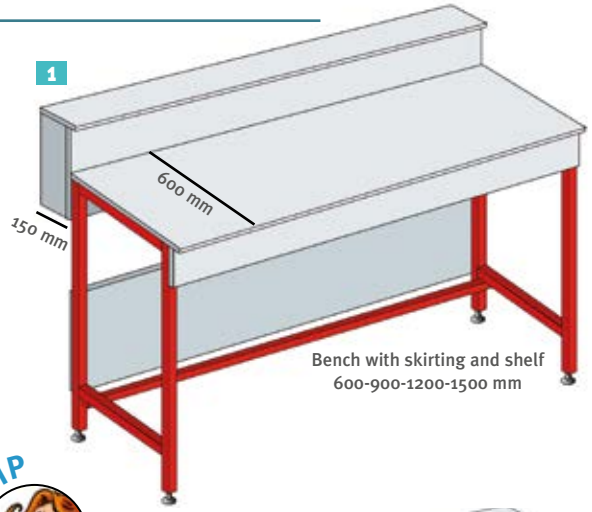
Bench with skirting and shelf, overall depth 750 mm

	Coating	Enamelled glass		Laminate		Drawn sandstone	
	Dimensions*: L x D (mm)	Cat. No.	€	Cat. No.	€	Cat. No.	€
	600 mm worktop and 600 mm deep metal base						
	600 x 750	374108	N/A -	374148	N/A -	374188	N/A -
	900 x 750	374109	N/A -	374149	N/A -	374189	N/A -
1	1200 x 750	374110	N/A -	374150	N/A -	374190	N/A -
	1500 x 750	374111	N/A -	374151	N/A -	374191	N/A -
	1800 x 750	374112	N/A -	374152	N/A -	374192	N/A -

Bench with skirting and shelf, overall depth 900 mm

	Coating	Enamelled glass		Laminate		Drawn sandstone	
	Dimensions*: L x D (mm)	Cat. No.	€	Cat. No.	€	Cat. No.	€
	750 mm worktop and 750 mm deep metal base						
	600 x 900	374132	N/A -	374172	N/A -	374212	N/A -
	900 x 900	374133	N/A -	374173	N/A -	374213	N/A -
	1200 x 900	374134	N/A -	374174	N/A -	374214	N/A -
	1500 x 900	374135	N/A -	374175	N/A -	374215	N/A -
3	1800 x 900	374136	N/A -	374176	N/A -	374216	N/A -

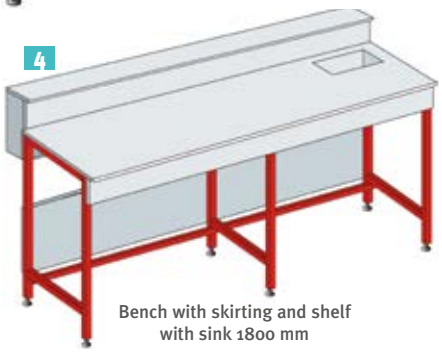
* the overall depth is equal to the depth of the bench + the skirting and shelf (150 mm)



Bench with skirting and shelf
600-900-1200-1500 mm

TIP

Bench tops with a skirting and shelf are also available with a washbasin, in the same dimensions. (photo n°4)



Bench with skirting and shelf with sink 1800 mm

Workbenches with basins - height 90 cm

➤ **Includes:**
- **1 worktop with sink**
- **1 sink trap**
- **1 fascia strip**
- **1 fixed cupboard under the sink or metal leg frame**
- **With or without skirting and shelf**

Type of sink	Bench width (mm)	Internal sink dimensions (L x W x D mm)
Drawn sandstone slabs	600	1 sink: 450 x 390 x 210
Made of polypropylene	600	1 sink: 380 x 380 x 210
	900	1 sink: 540 x 380 x 310
	1200 y 1500	2 sink: 380 x 380 x 210

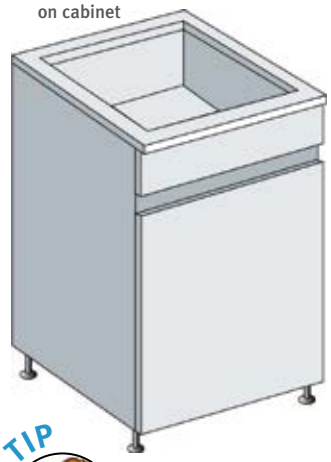
Bench with sink on cabinet

Sink composition		Sandstone sink		Polypropylene sink	
Dim.: L x D (mm)	Nbr de sinks	Cat. No.	€	Cat. No.	€
600 x 600	1	374276	N/A -	374260	N/A -
900 x 600	1	-	-	374261	N/A -
1200 x 600	2	-	-	374262	N/A -
1500 x 600	2	-	-	374263	N/A -
600 x 750	1	374281	N/A -	374264	N/A -
900 x 750	1	-	-	374265	N/A -
1200 x 750	2	-	-	374266	N/A -
1500 x 750	2	-	-	374267	N/A -

Bench with sink on cabinet with skirting and shelf

Sink composition		Sandstone sink		Polypropylene sink	
Dim.: L x D (mm)	Nbr de sinks	Cat. No.	€	Cat. No.	€
600 x 750	1	374519	N/A -	374268	N/A -
900 x 750	1	-	-	374269	N/A -
1200 x 750	2	-	-	374270	N/A -
1500 x750	2	-	-	374271	N/A -
600 x 900	1	374524	N/A -	374272	N/A -
900 x 900	1	-	-	374273	N/A -
1200 x 900	2	-	-	374274	N/A -
1500 x 900	2	-	-	374275	N/A -

Bench with sink, on cabinet





Bench with sink and skirting and shelf on base

TIP

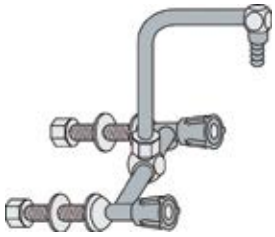


Also available: bench with sink and/or skirting and shelf, consult us.

Other sinks on request

Accessories: taps

Gooseneck 250 water taps for tanks and gooseneck 150 for sink.



Backsplash tap

Tabletop tap



Backsplash taps	Gooseneck at 250		Gooseneck at 150	
	Cat. No.	€	Cat. No.	€
Hot and cold water mixer	374306	N/A -	-	-
Cold water tap	374308	N/A -	374307	N/A -

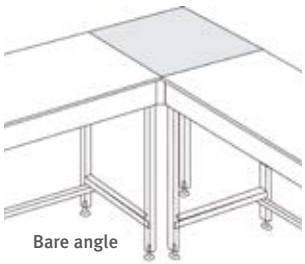
Cat. No.	Description	€
374316	Flexible water supply elbow on backsplash (2 flexible water supply hoses for the mixer)	N/A -
374318	Flexible discharge	N/A -

Tabletop taps	Gooseneck at 250		Gooseneck at 150	
	Cat. No.	€	Cat. No.	€
Hot and cold water mixer	374361	N/A -	-	-
Cold water tap	374313	N/A -	374312	N/A -

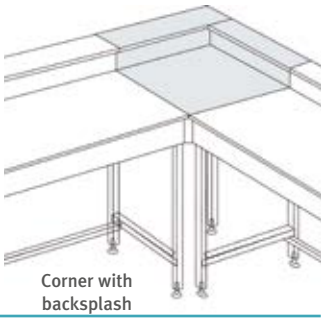
Cat. No.	Description	€
374317	Straight supply hose on table (2 hoses are needed for the mixer)	N/A -
374318	Flexible discharge	N/A -

Angles for benches

➤ **Includes:**
- **1 worktop**
- **1 corner base with or without skirting and shelf (skirting and shelf depth 150 mm)**



Bare angle



Corner with backsplash

Bare angle

Coating	Enamelled glass		Laminate		Drawn sandstone	
Dimensions: L x D (mm)	Cat. No.	€	Cat. No.	€	Cat. No.	€
600 x 600	374220	N/A -	374224	N/A -	374228	N/A -
750 x 750	374222	N/A -	374226	N/A -	374230	N/A -

Corner with skirting and shelf

Coating	Enamelled glass		Laminate		Drawn sandstone	
Dimensions: L x D (mm)	Cat. No.	€	Cat. No.	€	Cat. No.	€
750 x 750	374221	N/A -	374225	N/A -	374229	N/A -
900 x 900	374223	N/A -	374227	N/A -	374231	N/A -

Weighing table

Cat. No.	Dim.: L x D (mm)	Skirting and shelf	€
374252	600 x 600	Without	N/A -
374253	600 x 750	With	N/A -
374254	600 x 750	Without	N/A -
374255	600 x 900	With	N/A -

➤ **Laminate worktop with anti-vibration mass**

➤ **Height: 900 mm**



Weighing table without backsplash

All prices are indicative and exclude VAT. Visit www.dulis.nl

Central technical chamber

- Can be placed between 2 benches
- To be mounted
- Includes:
  - melamine pedestal
  - laminated brackets
  - compact resin shelf

Bare technical central housing

Dimensions (mm)	600 x 300	900 x 300	1200 x 300	1500 x 300	1800 x 300
Cat. No.	374232	374233	374234	374235	374236
€	N/A -	N/A -	N/A -	N/A -	N/A -

Technical central housing with small sink

Dimensions (mm)	1200 x 300	1500 x 300	1800 x 300
Cat. No.	374237	374238	374239
€	N/A -	N/A -	N/A -

Accessories: electrical outlets for backsplash or technical chamber

Cat. No.	Description	€
374319	Block of 3 wired sockets (2 P + T)	N/A -
374320	Block of 4 wired sockets (2 P + T)	N/A -

Furniture on castors

Furniture with doors

Cat. No.	Dim.: L x H x D (mm)	Composition	€
374323	535 x 720 x 450	1 door - 1 shelf	N/A -
374328	835 x 720 x 450	2 doors - 1 shelf	N/A -
374334	1135 x 720 x 450	2 doors - 1 shelf	N/A -

3-drawer furniture

Cat. No.	Dim.: L x H x D (mm)	€
374383	535 x 720 x 450	N/A -
374384	835 x 720 x 450	N/A -

Door cabinet with drawers

Cat. No.	Dim.: L x H x D (mm)	Composition	€
374330	835 x 720 x 450	2 doors +1 drawer - 1 shelf	N/A -
374325	535 x 720 x 450	1 door +1 drawer - 1 shelf	N/A -

Door cabinet with drawers 374325



Door cabinet with drawers 374330



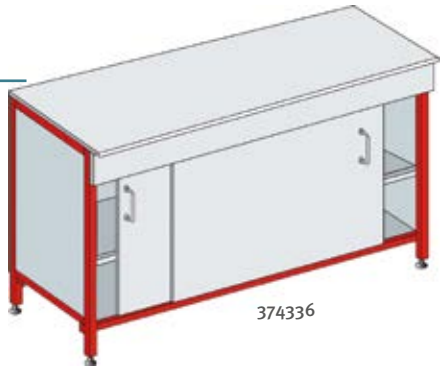
Accessories: locks

Cat. No.	Description	€
374438	Lock for mobile cabinet 1 or 2 doors	N/A -
374439	Lock for mobile cabinet on top drawer	N/A -
374440	Central lock for mobile drawer cabinet	N/A -

Built-in cabinet with sliding doors

Dimension: L (mm)	For 600 mm deep base: Cat. No.	For 600 mm deep base: €	For 750 mm deep base: Cat. No.	For 750 mm deep base: €
1200	374335	N/A -	374338	N/A -
1500	374336	N/A -	374339	N/A -
1800	374337	N/A -	374340	N/A -
Half-cabinet only for bench 1800				
855	374341	N/A -	374342	N/A -

- Delivered in kit, must be mounted under a bench
- Recessed underneath bench frames

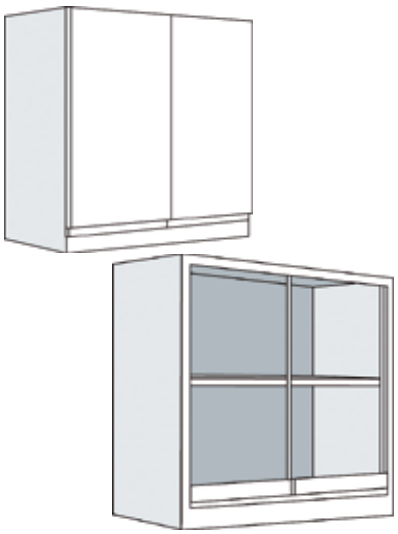


374336

Storage

Wall cupboards

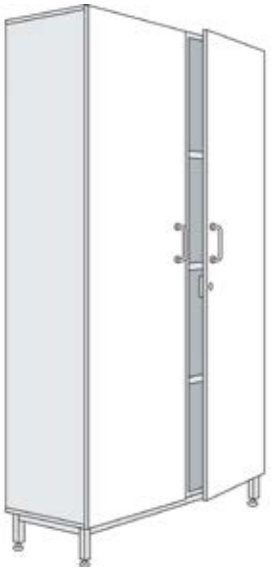
- Solid or glass doors
- White melamine
- 1 adjustable table
- Delivered assembled
- L x D x H (mm) 900 x 370 x 800



Cat. No.	Description	€
374343	Cupboard with solid doors	N/A -
374346	Cupboard with glass doors	N/A -

Tall cabinet

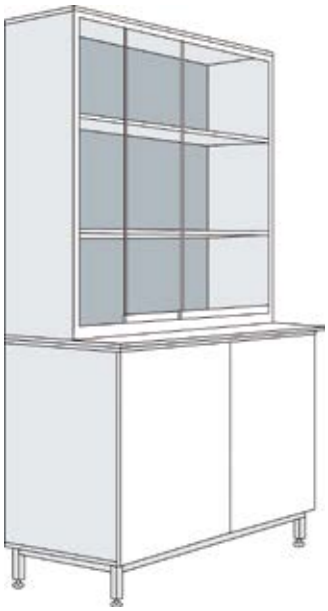
- White melamine, 165° opening
- 3 shelves, 2 of which are height adjustable
- 1 lock and 2 metal handles
- Delivered in kit form: to be assembled



Cat. No.	L x D x H (mm)	€
374345	1200 x 416 x 2000	N/A -

Display cabinet

- Top with 2 glass sliding doors, 2 shelves on adjustable pins
- Bottom with 2 solid doors with 1 shelf on adjustable pins
- Delivered assembled in 2 parts (to be re-assembled)



Cat. No.	L x H (mm)	P top (mm)	P bottom (mm)	€
374348	1200 x 2000	350	600	N/A -



Adjustable footrest

- Massaging bumpy surface
- Fixed platform
- 2 position adjustable tilt
- Dimensions L x D (cm): 44.8 x 33



Cat. No.	Description	€
959002	Adjustable footrest	N/A -

Stool

- Injected polypropylene
- Dimensions: 360 x 360 x 460 mm



Cat. No.	Description	€
039665B	Stool	N/A -

Stainless steel stool

- Stainless steel construction
- Special sterile rooms
- Continuous welds
- Welded tube ends
- Smooth stainless steel seat on all sides
- No retention area
- Height 700 mm
- 30 x 30 cm square tube or round tube construction
- Seat size: 300 x 300 mm



Cat. No.	Description	€
451002	Aseptic stool	N/A -

Aseptic stainless steel stools

- Specially designed for cleanrooms
- The branches are made of stainless steel plate and not of tube, so there are no retention zones
- Suitable for jet washing
- Height adjustment with stainless steel screws from 490 to 790 mm
- Base ø 530 mm
- Stainless steel legs and seat support
- Perfect stability thanks to 5 feet on stainless steel adjustment lifts
- Durability and robustness

Options

- Footrest: provides a more comfortable working posture when the seat is in the upright position
- Castors



Cat. No.	Description	€
451000	Stainless steel standing seat stool Tabat	N/A -
451001	Stainless steel seat Siat	N/A -
451003	Footrest	N/A -
451004	Casters kit	N/A -

Height adjustable stool

- Round seat in black polyurethane foam
- Height adjustment by means of a chrome-plated telescopic column with gas-lift lock and seat cushion



Cat. No.	Model	Footrest pieds	Height (mm)	€
216007	Top	With	540 to 780	N/A -
216022	Top	Without	540 to 780	N/A -
216012	Intermediate	With	470 to 600	N/A -
216027	Intermediate	Without	470 to 600	N/A -
216036	Bottom	Without	400 to 530	N/A -

Standing seat

- Ergonomic design eliminates body weight fatigue in the standing position
- Very stable and with a small footprint, it leaves the user free to move
- Bottom dimensions bas (L x W): 490 x 330 mm
- Height adjustment by means of a lift-gas column with seat damper, tilted and rotationally fixed or by means of a stainless steel mechanical column



Model	Black	Blue	Grey	€
Standard	216121	216123	216124	N/A -
Stainless steel	216117	216119	-	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Kor Seats

Delivered in BLACK, other colours available on request, please consult us:

- Anthracite grey (= Mundial Macadam)
- Navy blue (= Mundial Saphir)
- Blue jeans (= Mundial Blue Jean)
- Red (Mundial Cerise)
- Orange (= Mundial Poterie)





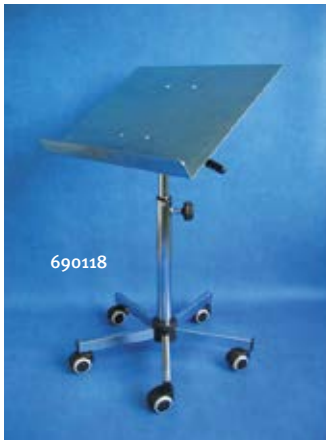












Vinyl seats with gas lift

- **Seat with protective cover**
- **Tilting steel backrest, adjustable height and depth**
- **Adjustments by gas lift**
- **Supplied in black (other colours available on request)**

Cat. No.	Description	Seat (cm)	Height (cm)	Footrest	€
690103	Seat on wheels	41 x 40	55 - 80	T shape	**N/A -**
690104	Seat with 5 glides	41 x 40	55 - 80	T shape	**N/A -**
690105	Seat on wheels	41 x 40	55 - 80	In a circle	**N/A -**
690106	Seat with 5 glides	41 x 40	55 - 80	In a circle	**N/A -**
690107	Seat on wheels	45 x 43	55 - 80	In a circle	**N/A -**
690108	Seat with 5 glides	45 x 43	55 - 80	In a circle	**N/A -**

Polyurethane seats with gas lift

- **Height and depth adjustable wire backrest**
- **Height adjustable footrest circle**
- **Chrome-plated steel base on polyurethane castors**
- **Supplied in black**

Cat. No.	Description	Seat (cm)	Height (cm)	Footrest	€
690113	Seat on wheels	46 x 42	55 - 80	In a circle	**N/A -**
690114	Seat with 5 glides	46 x 42	55 - 80	In a circle	**N/A -**

Vinyl stools with gas lift

- **Round cushioned seat Ø 33 cm**
- **Supplied in black (other colours available on request)**

Cat. No.	Description	Height (cm)	Footrest	€
690109	Stool with 5 castors	55 - 80	In a circle	**N/A -**
690110	Stool with 5 glides	55 - 80	In a circle	**N/A -**
690111	Stool with 5 castors	55 - 80	T shape	**N/A -**
690112	Stool with 5 glides	55 - 80	T shape	**N/A -**

Vinyl gas lift standing seat

- **5-star base in black reinforced polyamide Ø 560 mm**
- **5 extra wide conical glides**
- **Ergonomic saddle seat**

Cat. No.	Description	Seat (cm)	Height (cm)	€
690115	Stand-up seat	38 x 26	53 - 79	**N/A -**
690116	Stand-up seat	32 x 30	56 - 82	**N/A -**

Rolling table

- **Variable height table**
- **670 x 470 mm melamine tray**
- **Impact resistant edges and rounded corners**

Cat. No.	Description	Dimensions tray (mm)	€
690117	Rolling table	670 x 470	**N/A -**

Serving trolley

- **Tilting tray**
- **Tray 550 x 400 mm**
- **Variable tilt, free or closed swivel**
- **Chromium-plated steel base on Ø 50 mm castors**
- **Supported load: 40 k**

Cat. No.	Description	Dimensions tray (mm)	€
690118	Trolley with tilting tray	500 x 400	**N/A -**

Eco polyurethane seats

- Integral polyurethane foam
- Polyamide base
- Permanent contact mechanism
- Height adjustable seat
- Seat dimensions 400 x 395 mm
- Backrest dimensions: 350 x 200 mm
- Complies with EN 1021 1-2



Cat. No.	Backrest	Base	Footrest	Height (mm)	€
216427	Permanent contact	Castors	No	480 - 610	N/A -

Koncept Seats

- Ergonomic, reduces fatigue
- Versatile
- Ecological
- 5-star steel base with hinged glides or castors
- Gas lift column for adjustable seat height
- Seat cushioning
- One-piece aluminium footrest, height adjustable with all-round clamping
- Deformable seat made of soft black polyurethane foam, tilted by 2° towards the front
- Mounting on elastomer pads: self-adapting system to the user's movements
- With or without lumbar support made of soft black polyurethane foam, depth adjustable
- Warranty: 5 years



Seat height (mm)	Type of feet	Without lumbar support		With lumbar support	
		Cat. No.	€	Cat. No.	€
470 to 605	Glides	216327	N/A -	216334	N/A -
510 to 645	Castors locked under load	216328	N/A -	216335	N/A -
510 to 645	Standard castors	216329	N/A -	216336	N/A -
510 to 645	Casters with soft wheels	216330	N/A -	216337	N/A -
510 to 645	Casters with brakes	216331	N/A -	216338	N/A -
610 to 855	High with glides	216332	N/A -	216339	N/A -
610 to 855	High with glides and footrest	216333	N/A -	216340	N/A -
660 to 765	Foot-operated glides	216341	N/A -	-	-
660 to 765	Load-locking castors with foot control	216342	N/A -	-	-
660 to 765	Soft wheels castors with foot control	216343	N/A -	-	-

Semi seated

- Ergonomically designed seat with a forward slope, made of soft polyurethane foam for optimum comfort (minimum thickness 4 cm)
- No warming up or sweating effect
- Height adjustment by lift-gas column: 550 to 790 mm
- Very robust: Kango's patented flexible polyurethane is resistant to cutting tools, sparks, light acids and hydrocarbons
- Washable with standard cleaning products
- Also available in stainless steel, with polyurethane or polyolefin coating (consult us)

Model	Footrest	Legs	Black	Blue	€
High	Yes	Short	216044B	216050B	N/A -
High	Yes	Long	216045B	216051B	N/A -
High	No	Short	216056B	216062B	N/A -
High	No	Long	216057B	216063B	N/A -
Intermediate	Yes	Short	216067B	216071B	N/A -
Intermediate	Yes	Long	216068B	216072B	N/A -
Intermediate	No	Short	216075B	-	N/A -
Intermediate	No	Long	216076B	-	N/A -
Low	No	Short	216080B	216094B	N/A -
Low	No	Long	216081B	216095B	N/A -
Low casters standard	No	Long	216082B	216096B	N/A -
Low casters with brakes	No	Long	216083B	216097B	N/A -
Low casters locked	Non	Long	216084B	216098B	N/A -
Low casters without brakes	No	Long	216085B		N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

ALSIT laboratory chairs and stools

POLYURETHANE RANGE

- **Coating:**
  - **black**
  - **polyurethane (PU) coating, compact foam injected around a supporting structure**
  - **resistant to impacts, cuts, sparks and common solvents**
- **Lift: gas spring, chrome-plated steel tube with shock absorber tested to DIN 4550, adjustable height**
- **Base: chromed steel on glides or castors, diameter 54 cm**



Stools

- **Seat: Ø 33 cm, thickness 5 cm**
- **Black PU**

Cat. No.	Base	Footrest	Seat height (cm)	€
694068	5 glides	No	48 - 68	**N/A -**
694268	5 glides	Yes	48 - 68	**N/A -**
694069	5 castors	No	50 - 70	**N/A -**
694269	5 castors	Yes	50 - 70	**N/A -**

Technical seats

- **Seat: W x D (cm) = 46 x 42, curved, with anti-slip relief**
- **Backrest: H (cm) = 30, adjustable, grip and rotating seat.**
- **Footrest - height adjustable chrome steel ring, Ø = 44 cm**

Cat. No.	Description	Base	Seat height (cm)	€
694000	Technical seat, black PU	5 castors*	55 - 80	**N/A -**
694070	Technical seat, black PU	5 glides	53 - 78	**N/A -**

* Ø 5 cm double-roll castors designed for hard floors

BOEING RANGE - PVC COATED FABRIC

- **Coating:**
  - **washable, made of Boeing foam (PVC-coated fabric)**
  - **M1 fire classification according to DIN4102B2 and EN1021-1-2**
  - **high density padding, high resilience foam: optimal comfort in prolonged use**
- **Lift: gas spring, chrome-plated steel tube with shock absorber tested to DIN 4550, adjustable height**
- **Base: chrome-plated steel Ø 54 cm, on glides or castors Ø 5 cm**
- **Circular footrest in chromed steel with a diameter of 44 cm**



694154 694157 694201 694167 694234 694260 694177

	Stools				Technical Seats				Technical Seats Wide seat and reclining backrest			
Features	**Seat:** Ø 33 cm, thickness 4.5 cm **Easy to clean:** stool bottoms covered with a waterproof vinyl sheet				**Seat:** width 44 cm, depth 40 cm **Backrest:** height 25 cm, adjustable height, rotating seat.				**Seat:** width 47 cm, depth 44 cm **Backrest:** height 33 cm, adjustable height, permanent contact (backrest tilt adjustable)			
Base	5 glides		5 castors		5 glides		5 castors		5 glides		5 castors	
Seat height (cm)	53 - 78		55 - 80		53 - 79		56 - 81		55 - 80		57 - 82	
Footrest	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes	No	Yes
Colours												
Tangerine	694046	694195	694152	694209	694038	694221	694164	694232	694078	694244	694176	694256
Pebble	694047	694196	694153	694210	694005	694270	694165	694233	694079	694245	694177	694257
Turquoise	694048	694197	694154	694211	694039	694222	694166	694234	694080	694246	694178	694258
Pumpkin	694049	694198	694155	694212	694040	694223	694167	694235	694081	694247	694179	694259
Cobalt	694050	694199	694156	694213	694002	694224	694168	694236	694082	694248	694180	694260
Aegean Blue	694051	694200	694157	694214	694041	694225	694169	694237	694083	694249	694181	694261
Pollen	694052	694201	694158	694215	694042	694226	694170	694238	694084	694250	694182	694262
Anthracite	694053	694202	694159	694216	694001	694227	694171	694239	694085	694251	694183	694263
Black	694054	694203	694160	694217	694006	694228	694172	694240	694086	694252	694184	694264
Red	694055	694204	694161	694218	694007	694229	694173	694241	694087	694253	694185	694265
Glycine	694056	694206	694162	694219	694004	694230	694174	694242	694088	694254	694186	694266
Fuschia	694057	694207	694163	694220	694003	694231	694175	694243	694089	694255	694187	694267
€	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -	N/A -

* Hard floor castors, braked off-load and braked on-load available, consult us.

ALSIT laboratory chairs and stools (continued)

ANTISTATIC RANGE

Stools: ➤Seat: Ø 33 cm, thickness 5 cm

Base	Seat height (cm)	Without footrest		With footrest	
		Cat. No.	€	Cat. No.	€
5 glides	40 - 53	694290	N/A -	694313	N/A -
5 glides	47 - 67	694291	N/A -	694314	N/A -
5 glides	53 - 78	694292	N/A -	694315	N/A -
5 glides	62 - 87	694293	N/A -	694316	N/A -
5 castors	42 - 55	694294	N/A -	694317	N/A -
5 castors	49 - 69	694295	N/A -	694318	N/A -
5 castors	55 - 80	694296	N/A -	694319	N/A -

Standing seat: ➤Seat L x D: 34 x 27 cm

Base	Seat height (cm)	Cat. No.	€
5 glides	53 - 78	694297	N/A -
5 glides	62 - 87	694298	N/A -

- ➤Models designed according to the recommendations of the NF74010 standard
- ➤Black vinyl coating
- ➤Lift: gas spring, chrome-plated steel tube with shock absorber tested to DIN 4550, adjustable height
- ➤Chromium-plated steel base on glides or castors, diameter 54 cm



Technical seat
- ➤Seat: width 44 cm, depth 39 cm
- ➤Backrest: height 25 cm, adjustable in height

Technical seat with permanent contact
- ➤Seat: width 47 cm, depth 44 cm
- ➤Backrest: height 33 cm, adjustable in height, adjustable inclination

Base	Seat height (cm)	Without footrest		With footrest		Without footrest		With footrest	
		Cat. No.	€	Cat. No.	€	Cat. No.	€	Cat. No.	€
5 glides	41 - 54	694299	N/A -	694320	N/A -	694306	N/A -	694325	N/A -
5 glides	48 - 68	694300	N/A -	694321	N/A -	694307	N/A -	694326	N/A -
5 glides	54 - 79	694301	N/A -	694133	N/A -	694308	N/A -	694066	N/A -
5 glides	63 - 88	694302	N/A -	694322	N/A -	694309	N/A -	694327	N/A -
5 castors	43 - 56	694303	N/A -	694323	N/A -	694310	N/A -	694328	N/A -
5 castors	50 - 70	694304	N/A -	694324	N/A -	694311	N/A -	694329	N/A -
5 castors	56 - 81	694305	N/A -	694065	N/A -	694312	N/A -	694330	N/A -

Standing seat FIN BIMOS

- ➤Wide seat mounted on an ergonomic tilt column
- ➤Supports 60% of body weight
- ➤Smaller footprint
- ➤Intuitive operation and easy adjustment; 20° swivel seat
- ➤Adjustable Height: 660 to 850 mm
- ➤Stable, light and mobile
- ➤Large integrated handles
- ➤Robust aluminium base
- ➤PU foam seat

Cat. No.	Description	€
724731	FIN standing seat - PU foam seat - black	N/A -
724732	FIN standing seat - PU foam seat - blue	N/A -
724733	FIN standing seat - PU foam seat - grey	N/A -
724734	Standing seat FIN ESD - PU foam seat - grey	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

BIMOS technical seats



"Laboratory Basic" seats

- Wide, padded and curved seat and backrest for comfort and ergonomics
- Seat height adjustment: 620 - 870 mm
- Seat height adjustment
- Seat tilt adjustment (specific model)
- 5-star hard steel base
- Black synthetic leather or black Duotec fabric (other colours on request)
- With castors or glides
- Delivered in kit, easy to assemble
- Other models, please contact us

Choice of 2 coatings:

Duotec fabric:
- Made of 95% polyacryl and 5% Lycra; tear-resistant and breathable.

Faux Leather:
- Superior abrasion resistance, washable and resistant to disinfectants.

Model	BASIC 1 laboratory seats on glides		BASIC 2 laboratory chairs on castors	
				
Base in black	Yes		Yes	
Standard steel base	Yes		Yes	
Permanent contact backrest	Yes		Yes	
Seat tilt adjustment	No	Yes	No	Yes
Backrest height adjustment	Yes		Yes	
Seat height (mm)	470 - 610		470 - 610	
Backrest height (mm)	430	530	430	530
Seat and backrest coated in black Duotec fabric	**724505**	**724507**	**724509**	**724511**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Seat and backrest coated Black Faux Leather	**724506**	**724508**	**724510**	**724512**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

"Nexxit" seats

- High comfort and extreme resistance.



Nexxit 1 seat, PU integral foam, green handles

- High quality industrial ergonomics, intuitive and simple settings
- Suitable for prolonged standing at the workplace: seat and backrest with thick, soft padding for good blood circulation and rounded edges
- Extreme mobility, easy handling thanks to handles
- Multiple adjustments: seat depth, seat tilt and back height
- Backrest: functional handles for moving around, wide freedom of movement thanks to the narrow top. Synchronous system with automatic tension adjustment
- Epoxy painted steel base, very stable (aluminium base available as an option)
- Delivered in kit (seats mounted under optional cover, please consult us)
- Choice of coatings:
  - Faux leather: washable, easy care, resistant to disinfectants. Antibacterial effect. PVC and phthalate free; flame retardant (EN 1021-1, 2);
  - integral foam (PU): robust and easy to maintain. Washable, resistant to disinfectants. PVC-free; flame retardant (EN 1021-1, 2).

TIP



Other coatings available on our website, the range in also available in ESD version, please consult us.





Model	Nexxit seat 1		Nexxit seat 2		Nexxit seat 3	
	With glides		With soft castors for hard floors (with brakes)		With glides	
Seat height (mm)	-		450 - 600		570 - 820	
Seat width (mm)	460					
Backrest height (mm)	530					
Backrest adjustment height (mm)	70					
Seat depth adjustment (mm)	50					
seat tilt adjustment (°)	4					
Coating	Faux leather	PU foam	Faux leather	PU foam	Faux leather	PU foam
	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.	Cat. No.
Blue handles	724602	724607	724622	724627	724642	724647
Anthracite handles	724603	724608	724623	724628	724643	724648
Orange handles	724604	724609	724624	724629	724644	724649
Green handles	724605	724610	724625	724630	724645	724650
Without handles	724606	724611	724626	724631	724646	724651
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Options

Cat. No.	Description	€
724657	Armrests for Nexxit seat (set of 2): adjustable in height, width, depth and orientation	N/A -
724583	Circular footrest for Nexxit 1 and 2	N/A -
724588	Roulettes blocantes (blocked under load) for Nexxit 3	N/A -

BIMOS technical seats (continued)

"Neon" seats

- A permanent contact mechanical structure or synchronous system
- 2 removable, interchangeable cushions
- Cushion coating to be chosen according to use (other coatings, please consult us)
- Cushion colour: standard black with orange border (other colours on request)
- Ergonomic and comfortable shape, wide at the bottom and narrow at the top
- Permanent contact backrest or synchronous system
- Individual backrest height and seat depth adjustment for perfect back support
- Delivered in kit, easy to assemble
- Other models, please contact us



Choice of 2 coatings:

Neon Faux leather filling:
- Washable, easy to clean, resistant to oils and disinfectants, soft and comfortable, very robust.

Neon integral foam padding:
- extremely robust, washable, resistant to mechanical stress, spark-proof, not sensitive to light acids and easy to clean;
- recommended in environments where aggressive substances are handled.

Model	Neon 1 seats on glides		Neon 2 seats on castors	
				
Black aluminium base	Yes		Yes	
Permanent contact backrest	Yes	No	Yes	No
Synchronous system	No	Yes	No	Yes
Tension adjustment	Yes		Yes	
Seat depth adjustment	Yes		Yes	
Seat tilt adjustment	Yes		Yes	
Backrest height adjustment	Yes		Yes	
Standard edge / Happy orange	Standard		Standard	
Faux leather coating cushion, Magic black	**724513**	**724515**	**724517**	**724519**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Black integral foam cushion	**724514**	**724516**	**724518**	**724520**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

"Labsit" seats

- Seats suitable for many laboratories
- Ergonomic and flexible, easily adaptable to the user's movements
- 2 types of coatings: Faux leather or polyurethane foam, easy to maintain and clean, anti-bacterial treatment
- Polyamide base (aluminium base available as an option)
- Modern design with a choice of colours

724521



Model	Labsit 2 seat		Labsit 3 seat		Labsit 4 seat	
	On castors and base		On glides with footrest		Self-locking castors and circular footrest	
Seat height (mm)	450 - 650		520 - 770		560 - 810	
Seat width (mm)	450		450		450	
Seat depth (mm)	420		420		420	
Faux leather model	Cat. No.	€	Cat. No.	€	Cat. No.	€
Blue	724521	N/A -	724525	N/A -	724529	N/A -
Anthracite	724533	N/A -	724537	N/A -	724541	N/A -
White	724545	N/A -	724549	N/A -	724553	N/A -
Orange	724557	N/A -	724561	N/A -	724565	N/A -
Green	724569	N/A -	724574	N/A -	724577	N/A -
PU foam model	Cat. No.	€	Cat. No.	€	Cat. No.	€
Blue	724522	N/A -	724526	N/A -	724530	N/A -
Anthracite	724534	N/A -	724538	N/A -	724542	N/A -
White	724546	N/A -	724550	N/A -	724554	N/A -
Orange	724558	N/A -	724562	N/A -	724566	N/A -
Green	724570	N/A -	724574	N/A -	724578	N/A -

"Labsit" Stool

- Stool on castors with comfortable seat
- Washable, disinfectant resistant and robust
- Seat height 450 - 650 mm
- Seat width and depth: 400 mm
- Base diameter: 640 mm
- Polyurethane foam seat and polyamide base



Optional: armrests

Cat. No.	Description	€
724581	Armrests for seat (set of 2)	N/A -

Cat. No.	Description	€
724582	Labsit PU stool black with castors	N/A -

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AN EXTRAORDINARY ADVENTURE



EQUIPMENT

• Stirring	
Stirring bars, accessories	1335 to 1339
Magnetic stirrers	1339 to 1342
Refrigerated/heated magnetic stirrers	1343 to 1345
Heating plates	1346 and 1347
Magnetic stirrers for cell culture	1347
Vortex shakers	1348 to 1355
Shakers for microtubes and microplates	1356 to 1363
Orbital shakers	1364 to 1369
Linear shakers	1370 to 1372
Rocker Shakers/3D Shakers	1373 to 1381
Rotary shakers	1382 to 1386
• Baths	
Dry baths, heating and/or cooling blocks, accessories	1388 to 1398
Ultrasonic baths	1399 to 1401
• Scales	1401
• Glove box, weighing table	1402
• Grinders, sample preparation, Stomacher, sonicator	1403 to 406
• Flasks heaters, burners, electric nozzles	1406 to 1411
• Microcentrifuges	1412 to 1415

AN EXTRAORDINARY ADVENTURE



EQUIPMENT

• Laboratory Lift	1416
• Microwave ovens, hybridisation ovens	1416 to 1418
• Cold (mini-refrigerators, mini-freezers, mini-incubators, temperature recorders)	1418 to 1420
• Magnifiers, lamps	1421 to 1425
• Microscopes, camera, accessories, tablets	1426 to 1428
• Cold light generator	1429 and 1430
• Batteries, chargers, electrical accessories	1431 to 433
• Pumps, vacuum pump, suction systems	1434 to 1443
• Heat sealers, sealers	1443 and 1444
• Spectrophotometers, biophotometers	1445
• Sterilizers	1446
• Sieves	1447 to 1449

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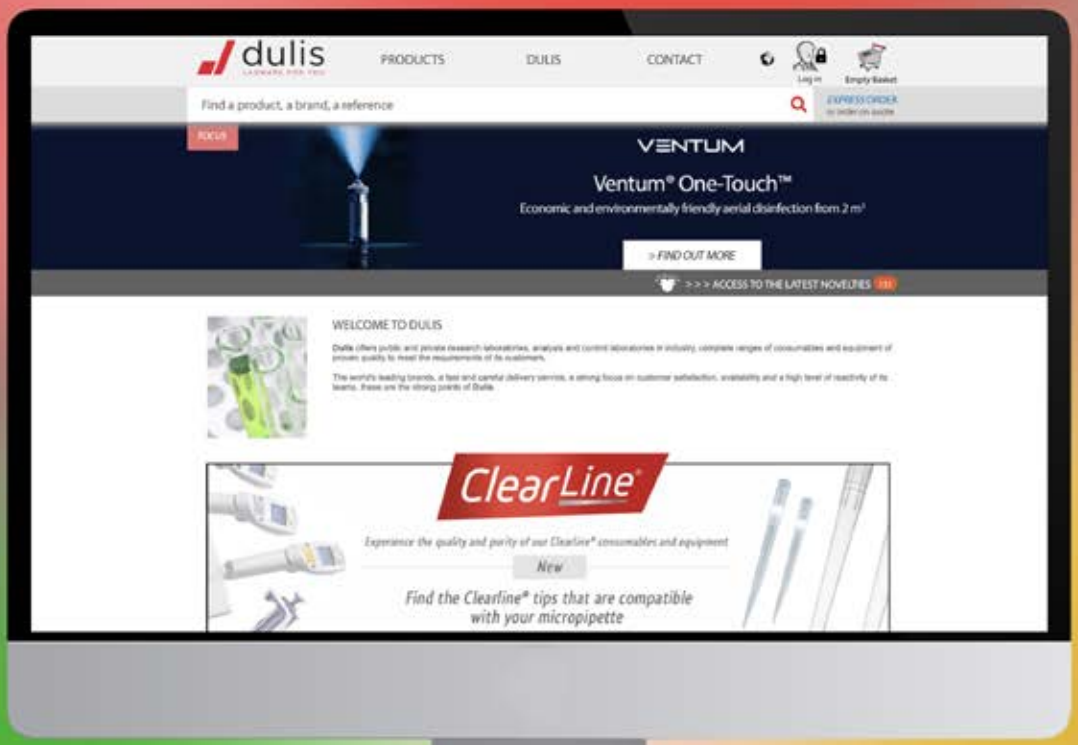
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VOORRAAD

op dit moment

Magnetic stirring bars with Spinbar pivot ring

Coloured bars with the best efficiency for common uses.

- **Ideal for containers with curved bottoms**
- **Made of pure PTFE, FDA approved**
- **The octagonal shape enhances the effect of agitation and turbulence**
- **The welded swivel ring forms an axis eliminating sources of friction and maximising the efficiency of the stirring**



Octagonal models with pivot ring

W x ø (mm)	White	Red	Yellow	Blue	€
13 x 3	045902	-	-	-	N/A -
13 x 8	045907	045903	045904	045906	N/A -
13 x 10	046088	-	-	-	N/A -
16 x 8	045911	045912	045913	045914	N/A -
22 x 8	045915	045916	045917	045918	N/A -
25 x 8	045919	045920	045921	045922	N/A -
25 x 10	045908	-	-	-	N/A -
28 x 8	046091	-	-	-	N/A -
38 x 8	045923	045924	045925	045926	N/A -
38 x 10	045909	-	-	-	N/A -
41 x 8	045931	-	-	-	N/A -
51 x 8	045927	045928	045929	045930	N/A -
51 x 10	045910	-	-	-	N/A -
64 x 8	045932	-	-	-	N/A -
64 x 10	045905	-	-	-	N/A -
75 x 13	045933	045934	045935	045936	N/A -

Cylindrical models with swivel ring (white)

W x ø (mm)	Cat. No.	€	W x ø (mm)	Cat. No.	€
8 x 3	046010	N/A -	35 x 6	046074	N/A -
12 x 4.5	046065	N/A -	-	-	-
12 x 6	046066	N/A -	40 x 8	046076	N/A -
13 x 8	-	-	45 x 8	046077	N/A -
15 x 4.5	046068	N/A -	50 x 8	046078	N/A -
15 x 8	046069	N/A -	-	-	-
20 x 6	046070	N/A -	60 x 10	046080	N/A -
25 x 6	046071	N/A -	-	-	-
25 x 10	046072	N/A -	70 x 10	046082	N/A -
30 x 6	046073	N/A -	75 x 13	046083	N/A -

Spinbar Mini stirring bars

W x ø (mm)	White	Red	Yellow	Blue	€
2 x 2	045945	045947	045946	045948	N/A -
3 x 3	045957	045958	045959	045960	N/A -
5 x 2	045949	045950	045951	045952	N/A -
6 x 3	045961	045962	045963	045964	N/A -
7 x 2	045953	045954	045955	045956	N/A -
8 x 1.5	045937	045938	045939	045940	N/A -
8 x 3	095893	-	-	-	N/A -
10 x 3	045965	045966	045967	045968	N/A -
12.7 x 3	045969	045970	045971	045972	N/A -
15 x 1.5	045941	045943	045942	045944	N/A -
20 x 3	095894	-	-	-	N/A -
30 x 3	095895	-	-	-	N/A -

- **For all small containers, bowls, tubes, etc.**
- **Cylindrical**
- **PTFE coated**
- **Choice of colours**
- **Autoclavable**
- **Made of pure PTFE, FDA approved**



Cylindrical bars

Cat. No.	W x ø (mm)	€
046030	6 x 3	N/A -
046031	8 x 3	N/A -
046032	10 x 6	N/A -
046033	12 x 4.5	N/A -
046034	13 x 6	N/A -
045992	13 x 8	N/A -
046037	15 x 4.5	N/A -
046038	15 x 6	N/A -
046039	20 x 6	N/A -
046040	20 x 7	N/A -
046041	20 x 8	N/A -
046042	25 x 5	N/A -
046013	25 x 6	N/A -
045993	25 x 8	N/A -

Cat. No.	W x ø (mm)	€
046014	30 x 6	N/A -
046043	30 x 7	N/A -
045994	30 x 8	N/A -
046044	35 x 6	N/A -
046045	40 x 7	N/A -
045995	40 x 8	N/A -
045996	45 x 8	N/A -
045997	50 x 8	N/A -
045847	57 x 27 big	N/A -
045845	60 x 10	N/A -
045846	70 x 10	N/A -
045844	80 x 10	N/A -
045848	108 x 27 big	N/A -
045849	159 x 27 big	N/A -

- **Perfectly cylindrical**
- **Smooth**
- **Economic**
- **Universal**
- **Made of pure PTFE, FDA approved**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Ultra sideband magnetic stirring bars



White, cylindrical, PTFE-coated stirring bars with a flat side strip for enhanced stirring and turbulence.

Economic model

Cat. No.	W x ø (mm)	€
095958	12 x 3	N/A -
095959	25 x 8	N/A -
095960	40 x 8	N/A -
095961	50 x 8	N/A -

Cat. No.	W x ø (mm)	€
045973	10 x 6	N/A -
046046	12 x 4.5	N/A -
046047	13 x 8	N/A -
046048	15 x 4.5	N/A -
045974	15 x 6	N/A -
046012	20 x 6	N/A -
045975	20 x 7	N/A -
046050	25 x 6	N/A -
045976	25 x 8	N/A -
046052	25 x 10	N/A -
046053	30 x 6	N/A -
045977	30 x 7	N/A -

Cat. No.	W x ø (mm)	€
046055	35 x 7	N/A -
045839	35 x 10	N/A -
045978	40 x 8	N/A -
046058	50 x 7	N/A -
045979	50 x 8	N/A -
046059	50 x 10	N/A -
046060	60 x 7	N/A -
045980	60 x 10	N/A -
046062	65 x 13	N/A -
046063	70 x 10	N/A -
046064	75 x 13	N/A -
045981	80 x 7	N/A -

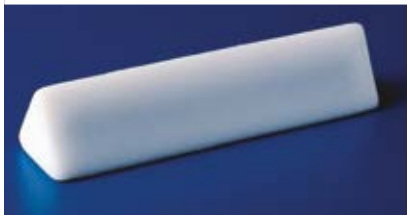
Magnetic ovoid bars



For round bottom containers
PTFE coated magnetic bars. They have a ringless pivot pin and an ovoid shape which makes them suitable for round-bottomed containers and flasks. Their hexagonal profile reinforces the turbulence.

Cat. No.	W x ø (mm)	For flasks	€
045982	10 x 5	-	N/A -
045983	15 x 6	-	N/A -
045984	19 x 9.5	10 ml to 100 ml	N/A -
045985	25 x 12	100 ml to 200 ml	N/A -
045986	30 x 16	300 ml to 500 ml	N/A -
045987	35 x 16	300 ml to 500 ml	N/A -
046097	40 x 13	500 ml to 1000 ml	N/A -
045988	40 x 20	500 ml to 1000 ml	N/A -
045989	50 x 20	2000 ml to 3000 ml	N/A -
045990	64 x 20	3000 ml to 5000 ml	N/A -
045991	70 x 20	12 l to 22 l	N/A -

Triangular magnetic bars



Triangular PTFE magnetic bars. Highly effective in dissolving solids and mixtures by rubbing against the base of the flask.

Cat. No.	W x ø (mm)	€
095882	12 x 6	N/A -
095883	20 x 8	N/A -
095884	25 x 8	N/A -
046087	25 x 14	N/A -
095885	35 x 9	N/A -
085886	40 x 14	N/A -

Cat. No.	W x ø (mm)	€
085887	50 x 12	N/A -
085888	55 x 14	N/A -
085889	80 x 18 big	N/A -
085890	110 x 36 big	N/A -
085891	136 x 36 big	N/A -

Economic square bars



Angular magnetic bars with high stirring power, especially at slow speeds.

- **Economic**
- **FDA approved PTFE**
- **Autoclavable**

Cat. No.	L x W (mm)	€
095878	12 x 4	N/A -
095879	25 x 5.5	N/A -
095880	35 x 6	N/A -
095881	50 x 7.5	N/A -

Asteroid magnetic bars



Ideal for large volumes, viscous liquids and containers with difficult bottoms.

- **Samarium Cobalt magnets with PTFE coating**
- **Prismatic shape with convex faces**
- **FDA compliant**
- **Autoclavable**

FDA REGISTERED U.S.A

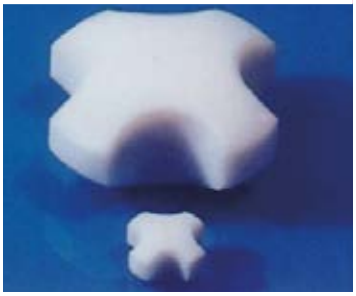
Cat. No.	Model	Dimensions Ø x W (mm)	Weight (kg)	€
699054	Asteroid 25	14 x 25	0.02	N/A -
699035	Asteroid 40	28 x 40	0.06	N/A -
699055	Asteroid 70	39 x 70	0.3	N/A -

MAGNETIC STIRRING BARS

Disc bars

- For use in tubes
- In pure PTFE, FDA approved
- Guaranteed inert
- Individually polished to stay clean longer

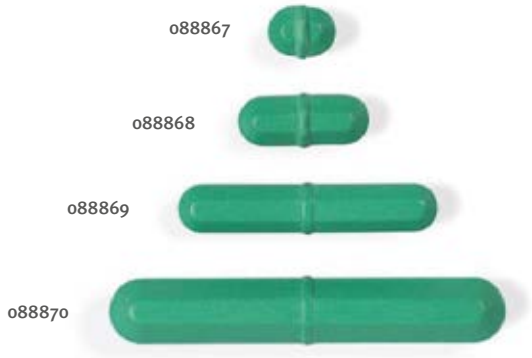
Cat. No.	H x ø (mm)	€
098889	6 x 9	N/A -
095890	6 x 10	N/A -
098891	10 x 20	N/A -
095892	12 x 30	N/A -



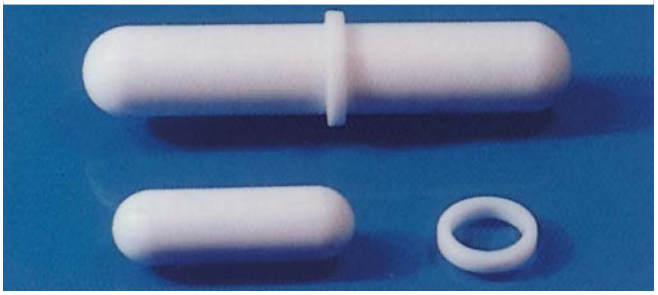
Magnetic bars for viscous solution

- Ideal for viscous solutions
- Suitable for high speed shaking
- PTFE coated
- The octagonal shape enhances the effect of agitation and turbulence
- Pivot ring prevents friction and maximises agitation

Cat. No.	Description	Width x Ø (mm)	€
088867	Magnetic bar	13 x 9.5	N/A -
088868	Magnetic bar	25.4 x 9.5	N/A -
088869	Magnetic bar	51 x 9.5	N/A -
088870	Magnetic bar	76 x 13	N/A -



Bars with removable pivot



- Can be used as a cylindrical or pivot bar
- In pure PTFE, FDA approved
- Guaranteed inert
- Individually polished to stay clean longer

Cat. No.	W x ø (mm)	€	Cat. No.	W x ø (mm)	€
095919	12 x 8	N/A -	095925	51 x 8	N/A -
-	-	-	095926	51 x 10	N/A -
095920	25 x 8	N/A -	-	-	-
095921	32 x 8	N/A -	095927	75 x 12	N/A -
095922	38 x 8	N/A -	095928	102 x 16	N/A -
095923	38 x 10	N/A -	095929	127 x 16	N/A -
095924	42 x 10	N/A -	095930	150 x 19	N/A -

Streamlined stirring bars



- For stirring in flat bottom containers
- Stirring bars with cone-shaped body on both sides
- In pure PTFE, FDA approved
- Guaranteed inert
- Individually polished to stay clean longer

Cat. No.	W x ø (mm)	€
095931	10 x 4	N/A -
095932	15 x 5	N/A -
095933	20 x 7	N/A -
095934	25 x 8	N/A -
095935	30 x 8	N/A -
095936	35 x 8	N/A -
095937	40 x 8	N/A -
095938	45 x 8	N/A -
095939	50 x 8	N/A -
095941	60 x 8	N/A -
095942	70 x 8	N/A -
095943	80 x 10	N/A -

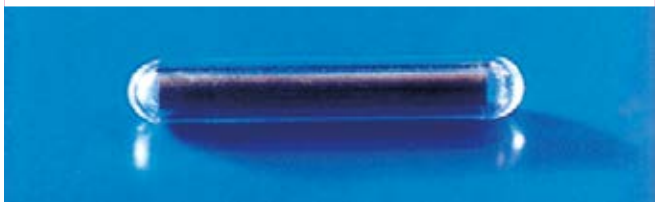
Cross bars

- Bars creating strong turbulence
- Good stability
- All uses
- In pure PTFE, FDA approved
- Guaranteed inert
- Individually polished to stay clean longer



Cat. No.	Ø x H (mm)	€
095951	10 x 5	N/A -
095952	20 x 8	N/A -
095953	25 x 9	N/A -
095954	30 x 10	N/A -
095955	38 x 11	N/A -
095956	50 x 15	N/A -
095957	60 x 20	N/A -

Glass-coated stirring bars

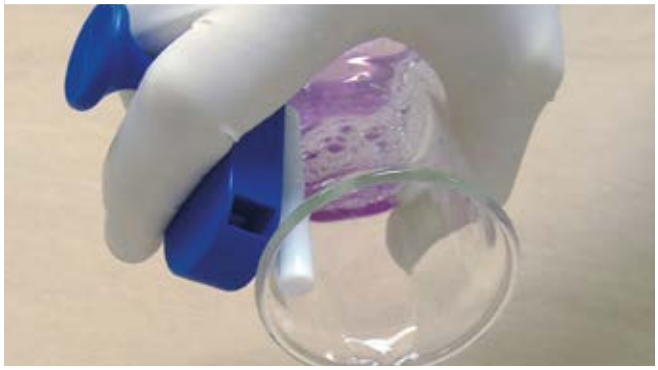


- For preventing contact with the PTFE
- Cylindrical

Cat. No.	W x ø (mm)	€
095910	6 x 5	N/A -
095911	12 x 5	N/A -
095912	25 x 6	N/A -
095913	45 x 8	N/A -
095914	60 x 8	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Handle magnet





- Magnetic bar removal magnet
- Polystyrene casing
- Convenient for removing magnets (up to 80 mm long) from all types of containers without dipping in the liquid

Cat. No.	Description	€
085111	Magnet with handle for retrieving magnetic stirring bar	N/A -

Komet heavy duty magnetic bars



- High energy samarium cobalt (SmCo) drive magnet
- Exceptional stirring in high speed or viscous media
- Uniform PTFE coating
- Considerable improvement in stirring performance

Cat. No.	Magnetic bar model	Shape	ø x L (mm)	€
078625	Komet 90, 1 set	Round	24 x 90	N/A -
078626	Komet 50, 1 set	Round	21 x 50	N/A -
078628	Komet 30, 5 set	Round	12 x 30	N/A -
078627	Komet 15, 5 set	Round	9 x 15	N/A -
078631	Protection ring Komet 90, 1 set	Round with protection ring	31 x 90	N/A -
078630	Protection ring Komet 50, 1 set	Round with protection ring	26 x 50	N/A -
078629	Protection ring Komet 30, 1 set	Round with protection ring	17 x 30	N/A -

Set of assorted stirring bars





Cat. No.	Description	Features	Units/ box	€ / the box
085854	Set of 12 white octagonal bars with ring	The classics: 2 bars of each of the following dimensions: W x ø (mm) = 12.7 x 8; 25 x 9.5; 38 x 9.5; 16 x 8; 51 x 9.5; 64 x 9.5	12	N/A -
085855	Set of 22 cylindrical bars with removable bar	The widest range: 2 bars of each of the following dimensions: W x ø (mm) = 12.7 x 9.5; 25 x 8; 51 x 9.5; 12.7 x 8; 19 x 8; 25 x 9.5; 38 x 8; 44 x 8; 51 x 8; and 1 bar of each of the following dimensions: 32 x 8; 32 x 9.5; 38 x 9.5; 44 x 9.5	22	N/A -
085856	Set of 24 coloured octagonal bars with ring	The extra colour: 3 bars (yellow, red, blue) of each of the following dimensions W x ø (mm) = 12.7 x 3; 16 x 8; 22 x 8; 12.7 x 8; 25 x 8; 38 x 8; 51 x 8; 76 x 12.7	24	N/A -
045843	Set of 18 smooth cylindrical bars	Two bars of each of the following dimensions W x ø (mm): 10 x 6; 15 x 6; 20 x 7; 25 x 8; 30 x 8; 40 x 8; 50 x 8; 60 x 10; 80 x 10.	18	N/A -
095962	Set of 12 ovoid bars	Two bars of each of the following dimensions W x ø (mm): 10 x 5; 15 x 6; 25 x 10; 30 x 10; 35 x 13; 50 x 17; 70 x 27.	12	N/A -
095963	Set of 18 ultra sideband bars	Two bars of each of the following dimensions W x ø (mm): 10 x 6; 15 x 6; 20 x 7; 25 x 8; 30 x 7; 40 x 8; 50 x 8; 60 x 7; 80 x 10.	18	N/A -
095964	Set of 12 coloured micro bars	3 bars (blue, red, yellow) of each of the following dimensions W x ø (mm): 8 x 1.5; 5 x 2; 7 x 2; 10 x 3.	12	N/A -
095966	Set of 14 bars	Ten octagonal bars and 4 micro bars: two of each of the following dimensions W x ø (mm): 13 x 8; 15 x 8; 25 x 10; 38 x 10; 51 x 10; 7 x 2; 10 x 3.	14	N/A -

Set of 6 bars

- 6 bars in each kit
- With 2 bars of each size

Cat. No.	Description	€
085119	Octagonal bar kit (25 x 8, 38 x 8, 51 x 8 mm)	N/A -
085120	Set of cylindrical bars with removable ring (25 x 8, 38 x 8, 51 x 8 mm)	N/A -
085121	Micro bar kit (8 x 1.5, 7 x 2, 10 x 3 mm)	N/A -
085122	Set of coloured bars yellow, red, blue (25 x 7 mm)	N/A -



Flexible stirring bar retriever

- Moulded
- PTFE
- With Alnico magnet
- 33 cm long bar
- Magnet diameter: 12.5 mm or 16.5 mm
- Magnet length 53 mm
- Four colours

ø magnet (mm)	White	Red	Blue	Yellow	€
12.5	086657	086658	086659	086660	N/A -
16.5	086661	086662	086663	086664	N/A -



Stirring bar retriever

Cat. No.	L x ø (mm)	Material	€
085857	300 x 10	PP	N/A -
085894	350 x 10	PP	N/A -
095971	450 x 10	PP	N/A -
085892	150 x 10	PTFE	N/A -
085893	250 x 10	PTFE	N/A -
095969	350 x 10	PTFE	N/A -
095970	450 x 10	PTFE	N/A -

Rigid rod with magnetic end for retrieving bars from the bottom of containers.
Made of economical polypropylene (PP) or PTFE with high chemical and thermal resistance.



Very High resistance

Cat. No.	Description	€
085859	High-strength PTFE bar ø x W = 27 x 560 mm	N/A -

ClearLine®mini magnetic stirrer



Capacity (l)	1.5
Speed (rpm)	100 to 1500
Plate size (cm)	8.5 x 8.5
Ext. Dimensions W x D x H (mm)	120 x 120 x 30
Weight (kg)	0.2
Permissible working temperature	45 °C
Power supply (W/V/ Hz)	2/240/50 - 60
Cat. No.	**062703CL**
€	**N/A -**

Magnetic induction stirrer



- Quiet operation
- Programmable, digital display that controls time and speed
- Optional auto reverse rotation mode for more efficient stirring
- Speed remains constant, even when load changes
- Speed adjustments are made quickly (less than 10 seconds)
- Supplied with 2 magnetic bars 35 x 12 mm and a mains plug with 4 adapters

Stirring capacity (l)	3
Speed (rpm)	10 - 2000
Material	ABS
Stirring plate diameter (mm)	160
Dimensions L x W x H (mm) / Peso (kg)	245 x 195 x 75 / 1.13
Stirring mode	30 sec to 60 min or continuous
Programming	30 sec to 60 min and 1-99 cycles
Power supply (V / A / W)	100 - 240 V / 1.5 / 18
Grey / purple	**320678**
Grey / blue	**320679**
€	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Magnetic stirrer MMS-3000 Grant-Bio



Stirring capacity (l)	20
Speed (rpm)	0-3000
Materials / Plate diameter (mm)	Stainless steel / Ø 160
Dimensions L x W x H (mm) / Peso (kg)	165 x 200 x 65 / 1.5
Power supply (W / Hz / V)	- / - / 12
Cat. No.	**144591**
€	**N/A -**

Magnetic stirrer 2 litres Benchmark



- **Efficient and economical**
- **Ceramic surface**
- **Capacity: 2 litres**
- **Speed: 60 to 1500 rpm**
- **Plate L x W (mm): 190 x 190**
- **L x W x H ext.: 200 x 230 x 115 mm**
- **Weight: 4 kg**

Cat. No.	Description	€
062518	Benchmark magnetic stirrer	N/A -

Mini magnetic stirrer with electrode holder





- **ABS plastic plate**
- **Compact and lightweight**
- **SpeedSafe safety system: prevents high engine acceleration when the load is abruptly removed**
- **Supplied with detachable electrode holder and magnetic bar**
- **Adjustable speed**

Max. Stirring capacity (l)	1
Speed (rpm)	100 - 1000
Materials/Plate Diameter (mm)	ABS plastic/ Ø 137
Dimensions L x H (mm)	134 x 51
Weight (kg)	0.64
Operating conditions	0 to 50 °C, max 95 % humidity
Power supply	200/240 V, 50/60 Hz

Colours	Black	Arctic White	Blue	Moss green	Coal	Ivory	Orange	Lavender	Ice Blue	Green	Yellow
Cat. No.	**054627**	**054628**	**054629**	**054630**	**054631**	**054632**	**054633**	**054634**	**054635**	**054636**	**054637**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Magnetic stirrer 20 litres



- **Ceramic coating tray**
- **Protection class: IP 42**

Model	Analogue ceramic plate
Stirring capacity (l)	20
Speed (rpm)	0-1500
Number of stirring stations	1
Materials /Plate size (mm)	Ceramic Ø 135
L x W x H (mm) / Weight (kg)	200 x 130 x 65 / 2.4
Permissible amb. T° (°C)	5 to 40
Permissible relative humidity (%)	80
Type of protection	IP 42
Power supply (W / Hz / V)	20 / 50-60 / 85 -265
Cat. No.	**861007B**
€	**N/A -**

Analogue magnetic stirrer 30 l Stuart



- **Robust construction with stainless steel surface**
- **Powerful magnets for strong magnetic torque**
- **Supplied with a 1 x 100 mm PTFE magnetic bar**

Stirring capacity (l)	30
Speed (rpm)	100 - 600
Plate material	Stainless steel
Plate size (mm)	300 x 300
Dimensions W x D x H (mm)	328 x 369 x 103
Weight (kg)	5
Power supply	230 V / 50 Hz / 50 W
Cat. No.	**673423**
€	**N/A -**

Magnetic mini stirrer

- **Compact and lightweight agitators**
- **Speedsafe function prevents engine acceleration when the load is abruptly removed to prevent engine damage**
- **Model HI 190M delivered with plastic plate**
- **Model HI 200M supplied with AISI 316 stainless steel plate**
- **HI 190MB supplied without mains plug, please order mains adapter separately**
- **Warranty: 3 years**

Model	HI 190M	HI 190MB	HI 200M
Stirring capacity (l)	1	1	1
Speed (rpm)	100-1000	100-1000	100-1000
Material	ABS plastic	ABS plastic	Stainless steel AISI 316
Dimensions L x W x H (mm)	120 x 120 x 45	120 x 120 x 45	120 x 120 x 45
Weight (kg)	0.64	0.61	0.71
Max. length of magnetic bar (mm)	25	25	25
Permissible amb. T° (°C)	0 to 50	0 to 50	0 to 50
Permissible relative humidity (%)	95	95	95
Power supply (W / Hz / V)	50-60 / 220-240	12V DC	50-60 / 220-240
Cat. No.	**052049**	**052211**	**052212**
€	**N/A -**	**N/A -**	**N/A -**



HI 190M, HI 190MB and HI 200M are supplied with a PTFE-coated magnetic stirring bar with a length of 25 mm and a diameter of 7 mm and a user guide.

Accessory

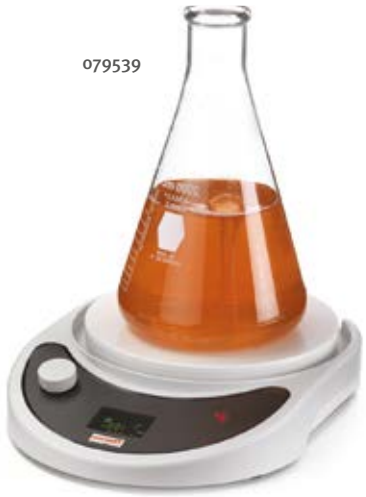
Cat. No.	Description	€
052213	12 V adapter (for HI 190MB only)	**N/A -**

RT Basic and RT Touch magnetic stirrers

Thermo SCIENTIFIC

- **Small and lightweight devices**
- **Strong magnetic torque**
- **Touch version with graduated start to avoid splashing**
- **Supplied with two non-slip silicone trays (one white, one black)**
- **Warranty: 2 years**

Model	RT Basic 120	RT Basic 170	RT Basic 220	RT Touch 170	RT Touch 220
Type of control	Analog			Digital	
Stirring capacity (l)	2	4	5	4	5
Speed (rpm)	150 - 2500			30 - 2000	
Plate material	Stainless steel with anti-slip silicone coating				
Plate size (mm)	120	170	220	170	220
Dimensions L x W x H (mm)	130 x 130 x 65	185 x 185 x 65	230 x 230 x 65	210 x 280 x 72	260 x 360 x 72
Max. permissible capacity (kg)	15	20	25	20	25
Power supply (W / Hz / V)	6 / 50-60 / 100-240				
Cat. No.	**079536**	**079537**	**079538**	**079539**	**079540**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**





Accessories

Cat. No.	Description	€
079542	Non-slip silicone plate cover for 120 mm plate	**N/A -**
079543	Non-slip silicone plate cover for 170 mm plate	**N/A -**
079544	Non-slip silicone plate cover for 220 mm plate	**N/A -**
079541	Support Rod for RT Touch Hotplate stirrer	**N/A -**
079545	Clamp holder 12 mm for support rod	**N/A -**
079546	Clamp holder 12 mm for support rod	**N/A -**

VELP magnetic stirrers

MST



Microstirrer



ESP



Model	MST	Microstirrer	ESP
Special feature	Low heat emission, cool surface even after several days of continuous use		Motorless, maintenance-free
Stirring capacity (l)	5	5	5
Maximum speed (rpm)	1100	1100	1100
Material	Technopolymers	Epoxy painted metal	Technopolymers
L x D x H (mm)	130 x 150 x 50	120 x 128 x 48	160 x 230 x 33
Weight (kg)	0.4	0.55	0.9
Power supply	100-240V, 50-60 Hz, 0.6W	100-240V, 50-60 Hz, 0.6W	100-240V, 50-60 Hz, 5W
Cat. No.	**399000B**	**399001**	**399002**
€	**N/A -**	**N/A -**	**N/A -**

Recommended bars

Cat. No.	Ø x W (mm)	For stirrer	€
046039	6 x 20 mm	MST, MICROSTIRRER	**N/A -**
046044	6 x 35 mm	MST, MICROSTIRRER	**N/A -**
045995	10 x 40 mm	ESP	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Magfuge Centrifuge / Magnetic stirrer



- **Centrifuge and magnetic stirrer in one**
- **Digital display, single button programming**
- **Ultra quiet**
- **Compact**

Centrifuge function	
Speed (rpm)	500-999 (increments of 1); 1000-5000 (increments of 5); 5000-12500 (increments of 25)
RCF acceleration (g)	16-9783
Capacity	Rotor 12 tubes 1.5/2ml or rotor 6 tubes 5ml
Timer	30 seconds to 30 minutes (5 second increments)
Magnetic stirring function	
Speed (rpm)	50-999 (increments of 1); 1000-2500 (increments of 5)
Timer	Stirring mode: 30 seconds to 60 minutes or continuous (5 second increments) Oscillation mode: 1 second to 60 minutes or continuous Oscillation mode: 30 seconds to 15 minutes
Capacity (l)	3
Plate Diameter (mm)	130
Weight (kg)	1.85
Operating temperature	2 to 40 °C
Power supply (Hz/V)	5-60/100 - 240
Dimensions (cm)	23.5 x 18.5 x 12
Grey / purple	**320681**
Grey / blue	**320682**
€	**N/A -**

Supplied with:

- a rotor for magnetic stirring
- 1 rotor for 12 tubes 1.5/2 ml
- 1 rotor for 6 tubes 5 ml
- 12 adapters for 0.2 ml tubes
- 12 adapters for 0.5 ml tubes
- 2 PTFE magnetic bars 40 x 12 mm
- 2 silicone mats suitable for the magnetic stirring lid
- Power adapter

Benchmark 2 litre Hot plate magnetic stirrer



- **Ceramic surface with good chemical resistance**
- **Capacity: 2 litres**
- **Stirring speed: 60 to 1500 rpm**
- **Temperature: amb. + 5 to 80 °C**
- **Plate L x W (mm): 190 x 190**
- **Ext. dimension L x W x H: 200 x 230 x 115 mm**
- **Weight: 4 kg**

Cat. No.	Description	€
062516	Benchmark Hot plate Magnetic Stirrer	**N/A -**

2 litre Hot plate magnetic stirrer

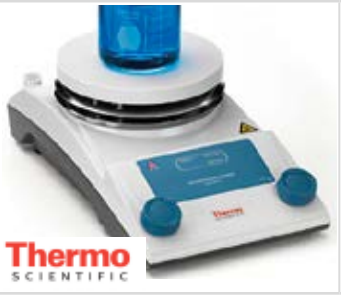


- **Ceramic-coated stainless steel plate**
- **Heating power: 800 W**
- **Supplied with a 25 cm stainless steel rod**

Stirring capacity (l)	2
Speed (rpm)	60-1500
Material	Ceramic-coated stainless steel
Dimensions L x W x H (mm)	205 x 260 x 110
Max. length of the magnetic stirring bar (mm)	Ø 30
Heating temperature (°C)	60 to 420
Cat. No.	**079037**
€	**N/A -**

RT2 Basic and RT2 Advance Hot plate magnetic stirrers and RT2 hot plate

- Hot surface warning light, heating cut-off above 450 °C
- Warranty: 2 years
- Digital display
- RT2 Advance Hot plate stirrer and RT2 Hot plate: PID controller, ensuring precise temperature control
- Three temperature control modes: optimal, fast, slow

	RT2 Basic	RT2 Advance	RT2
			
Stirring capacity (l)	20		-
Speed (rpm)	50 - 2000	30 - 2000	-
Temperature range	Ambient, 50 to 350 °C		
Heating control	Scale	Feedback control with PID	
Plate material	Ceramic-coated aluminium		
Plate Diameter (mm)	140		
Ext. dimensions (W x D x H) (mm)	161 x 290 x 100		
Maximum load (kg)	25		
Power supply (W/ Hz/V)	600, 230, 50/60		
Cat. No.	**079575**	**079576**	**079574**
€	**N/A -**	**N/A -**	**N/A -**

Accessories (*only for RT2 Advance)

Cat. No.	Description	€
079577	Water Bath	**N/A -**
079578	Transparent polycarbonate shield	**N/A -**
079541	Support rod diameter 12 mm, length 400 mm	**N/A -**

Cat. No.	Description	€
079545	Clamp holder 12 mm for support rod	**N/A -**
079546	Three finger clamp 60 mm for support rod	**N/A -**
079579	PT100 temperature sensor, SN-8-4 connector *	**N/A -**
079580	Temperature sensor PT100, class A, 400 °C *	**N/A -**

SUPER NUOVA + Hot plate magnetic stirrers

- Digital display of target and current temperature, speed and timer settings
- Programmable with parameter memory
- Temperature adjustable in 1 °C increments
- Indicator light when the temperature of the plate exceeds 50 °C
- StirTrac system provides high magnetic torque for increased efficiency at low speeds
- Hot plate models supplied with PT1000 temperature sensor and stand
- Warranty: 3 years



Stirring capacity (l)	4	4	6
Speed (rpm)	50 - 1500		
Temperature range	30 - 540 °C	30 - 300 °C	30 - 400 °C
Temp. accuracy	± 5 °C		
Temperature uniformity	± 2 °C		
Plate material	Ceramic	Aluminium	Ceramic
Plate dimensions W x D (mm)	184 x 184	184 x 184	260 x 260
Dimensions W x D x H (mm):	208 x 330 x 97	208 x 330 x 97	287 x 411 x 102
Weight (kg)	5	4.9	6
Power supply	220-240 V / 4.4 A		220-240 V / 4.6 A
Cat. No.	**078547B**	**078548B**	**078549B**
€	**N/A -**	**N/A -**	**N/A -**



Hot plate
(see page 1346-1347)

All prices are indicative and exclude VAT. Visit www.dulis.nl

Magnetic stirrers and Hot plate stirrers CIMAREC +



- Digital display of temperature and speed parameters
- Temperature adjustable in 1 °C increments
- Indicator light when the temperature of the plate exceeds 50 °C
- StirTrac system provides high magnetic torque for increased efficiency at low speeds
- Warranty: 3 years



Hotplate
(see page 1346-1347)

Magnetic stirrers

Stirring capacity (l)	1	4	6
Speed (rpm)	50 - 1500		
Plate material	Ceramic	Ceramic	Ceramic
Plate dimensions W x D (mm)	108 x 108	184 x 184	260 x 260
Dimensions W x D x H (mm):	127 x 254 x 91	208 x 330 x 97	287 x 411 x 102
Weight (kg)	3.1	4.9	6
Power supply	220-240 V / 0.1 A		
Cat. No.	**078536B**	**078537B**	**078539B**
€	**N/A -**	**N/A -**	**N/A -**

Hote plate magnetic stirrers

Stirring capacity (l)	1	4	4	6
Speed (rpm)	50 - 1500			
Temperature range	30 - 540 °C	30 - 540 °C	30 - 300 °C	30 - 400 °C
Temp. accuracy	± 5 °C			
Temperature uniformity	± 2 °C			
Plate material	Ceramic	Ceramic	Aluminium	Ceramic
Plate dimensions W x D (mm)	108 x 108	184 x 184	184 x 184	260 x 260
Dimensions W x D x H (mm):	127 x 254 x 91	208 x 330 x 97	208 x 330 x 97	287 x 411 x 102
Weight (kg)	3.2	5	4.9	6.1
Power supply	220-240 V / 1.6 A	220-240 V / 4.4 A		220-240 V / 4.6 A
Cat. No.	**078543B**	**078544B**	**078545B**	**078546B**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

20 litre Hot plate magnetic stirrer with digital display



- Digital display
- Ceramic-coated stainless steel plate

Model	HTS-2013
Stirring capacity (l)	20
Speed (rpm)	80-1500
Material/ Plate size (mm)	Ceramic-coated stainless steel 180 x 180
Dimensions L x W x H (mm) / Peso (kg)	307 x 206 x 99 / 3.3
Heating temperature (°C)	18 to 380
Power supply (W / Hz / V)	- / 50-60 / 220
Cat. No.	**088921**
€	**N/A -**

20 litres Hot plate magnetic stirrer



- Stainless steel plate with ceramic coating
- Protection class: IP 42
- Analogue or digital display
- Stirring station: 1

Display	Analog	Digital
Plate Ø	135	
Stirring capacity (l)	20	
Speed (rpm)	0-1500	100-1500
Dim. L x W x H (mm)	280 x 160 x 85	280 x 160 x 85
Heating temperature (°C)	340	340
Permissible amb. T°	5-40 °C	5-40 °C
Permissible relative humidity	80 %	80 %
Type of protection	IP 42	IP 42
Power supply (W/ Hz/V)	530/50-60/220	550/50-60/220
Weight (kg)	2.8	2.8
Cat. No.	**861049B**	**861010B**
€	**N/A -**	**N/A -**

ARE and AREX Hotplate magnetic stirrers and RC VELP hotplate

Model	AER	AREX
Stirring capacity (l)	15	20
Speed (rpm)	1500	
Temperature range	Ambient at + 370 °C	
Thermoregulator port	No	Yes
Ø plate (mm)	155	
Plate materials	Aluminium	Aluminium with ceramic coating
Digital display	No	
L x D x H (mm)	165 x 280 x 115	
Weight (kg)	2.6	
Power supply	230 V, 50 - 60 Hz, 630 W	
Protection class	IP42	
Cat. No.	**399003B**	**399004B**
€	**N/A -**	**N/A -**

* Supplied with PT1000 sensor, not compatible with VTF thermoregulator

- **Separate control panel from the plate for increased durability**
- **AREX model with connection for thermoregulator**
- **Compatible with AluBlock plates for conversion into a heating block**



VTF thermoregulator for AREX

Temperature range	-10 to 300 °C
Resolution	0.2 °C
Accuracy	± 0.5 °C
Timer	Up to 24 h 59 min
Protection class	IP 54
Dimensions (mm)	75 x 120 x 145
Weight (kg)	0.3
Cat. No.	**399024**
€	**N/A -**

RC VELP hot plate

Compatible with AluBlock plates for conversion to a heating block.

Temperature range	Ambient at + 370 °C
Plate materials	Aluminium alloy with coating
Ø plate (mm)	155
Dimensions (W x D x H) (mm)	165 x 115 x 280
Cat. No.	**399038**
€	**N/A -**

AREX Pack

Cat. No.	Description	€
399041	AREX Hotplate stirrer + VTF thermoregulator pack + stand (thermoregulator support)	**N/A -**

Accessories

Cat. No.	Description	€
399025	Probe extension cable 1 m (for VTF)	**N/A -**
399026	Glass probe (for VTF)	**N/A -**
399590	Clamping nut for temperature probe for AREX 6	**N/A -**
399022	AluBlock base	**N/A -**
399023	Cable for thermoregulator**	**N/A -**
399014	Support rod for thermoregulator	**N/A -**

** except for VTF thermoregulator

AluBlocks

Cat. No.	Colours	Capacity tubes	Diameter (mm)	Height (mm)	€
399015	Green	4	28	30	**N/A -**
399016	Red	4	21.60	31.70	**N/A -**
399017	Black	4	28	24	**N/A -**
399018	Orange	4	28	43	**N/A -**
399020	Blue	6	17.80	26	**N/A -**

AM4 and AM4X VELP Hot plate magnetic stirrers

Stirring capacity (l)	15 (x 4)
Maximum speed (rpm)	1500
Temperature range	Ambient at 370 °C
Shaking position	4
Plate diameter (mm)	135
Weight (kg)	8.3
Dimensions L x D x H (mm)	715 x 246 x 115
AM4 Cat. No.	**399047**
€	**N/A -**
AM4X Cat. No.	**399056**
€	**N/A -**

- **Aluminium alloy hot plate**
- **Model AM4X with connection for thermoregulator**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Benchmark hot plate



- Efficient and economical
- Ceramic surface
- Temperature: amb. + 5 to 80 °C
- Plate L x W (mm): 190 x 190
- Ext. dimension L x W x H: 200 x 230 x 115 mm
- Weight: 4 kg

Cat. No.	Description	€
062517	Benchmark hot plate	N/A -

37 °C CultureTemp hot plate



Improves the viability of cells outside the incubator by keeping them at 37 °C, for the efficient functioning of enzymes such as trypsin.

- Made of UV-resistant polypropylene
- Anodised aluminium hot plate
- Water resistant, washable with ethanol and isopropanol
- Device dimensions (W x L x H) mm: 254 x 249 x 57
- Plate dimensions (W x L) mm: 178 x 203
- Power supply: 220 V

Cat. No.	Description	€
088875	37 °C CultureTemp hot plate	N/A -

Corning®Heated plates and stirrers



- Plate in Pyroceram®
- Hot top: lights up when the temperature of the range is › 60 °C
- Temperature setting in 5 °C steps
- Possibility of temperature control by external sensor
- Warranty: 2 years

Model	PC-400D	PC-420D	PC-600D	PC-620D
Dim L x W x H (mm)	108 x 197 x 280		118 x 197 x 391	
Plate size (mm)	127 x 178		254 x 254	
Temperature range	Ambient temperature +5 °C to 550 °C			
Stirring speed (rpm)	-	60 - 1150	-	60 -1150
Weight (kg)	2.7	3.2	4.5	5.2
Power supply	230 V/50 Hz/628 W		230 V/50 Hz/1113 W	
Max. capacity (kg)	11			
Cat. No.	**679663**	**679665**	**679666**	**679668**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessory

Cat. No.	Description	€
006795PR	External temperature sensor	N/A -

RC VELP hot plate



Compatible with AluBlock plates for conversion to a heating block.

Temperature range	Ambient at + 370 °C
Plate materials	Aluminium alloy with coating
Ø plate (mm)	155
Dimensions (W x D x H) (mm)	165 x 115 x 280
Weight (kg)	1.4
Power supply	230V, 50 - 60 Hz
Protection class	IP 42
Cat. No.	**399038**
€	**N/A -**

AluBlocks

Cat. No.	Colours	Diameter (mm)	Height (mm)	€
399015	Green	28	30	N/A -
399016	Red	21.60	31.70	N/A -
399017	Black	28	24	N/A -
399018	Orange	28	43	N/A -
399020	Blue	17.80	26	N/A -

Accessory

Cat. No.	Description	€
399022	AluBlock base	N/A -

CIMAREC + heating plates

- Digital temperature display
- Temperature adjustable in 1 °C increments
- Indicator light when the temperature of the plate exceeds 50 °C
- Warranty: 3 years

Temperature range	30 - 540 °C	30 - 540 °C	30 - 300 °C	30 - 400 °C
Temp. accuracy	± 5 °C			
Temperature uniformity	± 2 °C			
Plate material	Ceramic	Ceramic	Aluminium	Ceramic
Plate dimensions W x D (mm)	108 x 108	184 x 184	184 x 184	260 x 260
Dimensions W x D x H (mm):	127 x 254 x 91	208 x 330 x 97	208 x 330 x 97	287 x 411 x 102
Weight (kg)	2.5	4.3	4.2	5.4
Power supply	220-240 V / 1.6 A	220-240 V / 4.4 A		220-240 V / 4.6 A
Cat. No.	**078529B**	**078530B**	**078531B**	**078532B**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**



SUPER NUOVA + hot plates

- Digital display of target and current temperature settings and timer
- Programmable with parameter memory
- Temperature adjustable in 1 °C increments
- Indicator light when the temperature of the plate exceeds 50 °C
- Supplied with PT1000 temperature sensor and stand
- Warranty: 3 years

Temperature range	30 - 450 °C	30 - 300 °C	30 - 400 °C
Temp. accuracy	± 5 °C		
Temperature uniformity	± 2 °C		
Plate material	Ceramic	Aluminium	Ceramic
Plate dimensions W x D (mm)	184 x 184	184 x 184	260 x 260
Dimensions W x D x H (mm):	208 x 330 x 97	208 x 330 x 97	287 x 411 x 102
Weight (kg)	4.3	4.2	5.4
Power supply	220-240 V / 4.4 A		220-240 V / 4.6 A
Cat. No.	**078533B**	**078534B**	**078535B**
€	**N/A -**	**N/A -**	**N/A -**



MultiMagStir Genie™Multi-position stirrer

- Stirrer for 4 containers - and for cell culture
- Wide speed range, from 10 to 1200 rpm
- Stirring in intervals or reverse stirring
- Easy programming in manual or automatic mode
- Can be stored for future use
- Can be used in an environment of 0 °C to 38 °C
- All parameters, time, pause time, speed, stirring direction, speed increase are easily programmable (9 separate steps)
- Three power levels for stirring viscous liquids
- Can be used in a cold room or incubator
- 4 programming modes (manual mode allows the choice of normal or reverse agitation, and timer functions; automatic mode activates one of four user profiles stored in memory
- Each profile allows the creation of a protocol containing up to 9 steps
- Maximum diameter of the flasks for using the stirrer with 4 flasks: 130 mm

Stirring capacity (l)	4 containers
Speed (rpm)	10-1200
Dimensions L x W x H (mm) / Peso (kg)	375 x 325 x 48 / 3.2
Permissible amb. T° (°C)	0 to 38
Cat. No.	**079061**
€	**N/A -**





Find our magnetic stirrers for cell culture on www.dulis.nl



All prices are indicative and exclude VAT. Visit www.dulis.nl

ClearLine®Miniature vortex stirrer

- Miniature model
- Activation by pressure
- Warranty: 2 years



Speed (rpm)	2800
Amplitude (mm)	4
Operating temperature	4 to 65 °C
Dim W x L x H (mm)	94 x 99 x 66
Weight (kg)	0.4
Power supply	100 - 240 V /50 - 60 Hz
Colour	Grey
Cat. No.	**062599CL**
€	**N/A -**

Mini vortex SA6



- High stability due to suction feet and internal counterbalance system
- Compact
- Adjustable speed
- Activation by pressure

Speed (rpm)	2500 to 4500
Orbital Amp. (mm)	4.5
tubes Ø (mm)	Up to 30
Dim. W x D x H (mm)	100 x 100 x 67
Weight (kg)	0.55
Power supply	100 - 240 V, 50 - 60 Hz, 15 W
Cat. No.	**491342**
€	**N/A -**

Vortex Lab Dancer mini-shaker



- Suitable for tubes up to 30 mm in diameter (test tubes, centrifuge tubes, microtubes, etc.)
- Compact design
- Excellent efficiency

Movement	Orbital
Orbital amplitude	4.5 mm
Stirring capacity (1 test tube)	Max 50 ml
Motor power input/output	1.2 W / 0.8 W
Fixed speed for Lab Dancer	2800 tr/min

Cat. No.	Model	Dimensions (mm)	€
250097	Lab Dancer	100 x 700	**N/A -**

Vortex 1 IKA



- Single-tube vortexer with Pulse function
- For low volume mixing
- Adjustable speed

Movement	Orbital
Orbit diameter (mm)	4.5
Maximum stirring volume (ml)	100
Power (W)	1.2/0.8
Stirring speed (rpm)	1000 to 2800
Dimensions W x D x H (mm)	95 x 110 x 70
Weight (kg)	0.55
Cat. No.	**250248**
€	**N/A -**

Mini vortex iSwix



- Compact
- Activation by pressure
- For tubes with diameters up to 30 mm
- Can be used in cold chamber

Model	I Swix JR. VT
Variable speed	Yes
Speed (rpm)	2500 to 4500
Orbit (mm)	4.5
Dimensions W x D x H (mm)	100 x 100 x 67
Weight (kg)	0.55
Cat. No.	**111446**
€	**N/A -**

Vornado Mini Vortex Mixer

- Minimum dimensions, less than 10 cm wide
- Activation by pressure
- 5 Colours available
- Warranty: 2 years



Speed (rpm)	2800
Stirring amplitude (mm)	4
Operating temperature	+4 °C to +65 °C
Dimensions (W x L x H) (mm)	94 x 99 x 66
Weight (kg)	0.4
Power supply	100 - 240 V, 50 - 60 Hz
Grey Cat. No.	**062599**
Blue Cat. No.	**062600**
Green Cat. No.	**062601**
Purple Cat. No.	**062602**
Red Cat. No.	**062603**
€	**N/A -**

Mini Vortex red

- Mini mixing shaker
- Compact
- Stable
- Comes standard with a red head
- Warranty: 2 years



Speed (rpm)	0-3000
Max. tube volume (ml)	50
Max. tube Ø (mm)	30
Dimensions Ø x H (mm)	95 x 85
Weight (kg)	0.55
Power (V/ Hz)	100-240 / 50-60
Colours	Red
Cat. No.	**141332B**
€	**N/A -**

Replacement head attachment

Cat. No.	Colours	€
141360	Green	**N/A -**

BenchMixer™ Vortexer

- Pulse and continuous button
- Variable speed from 200 to 3200 rpm

Speed	200 to 3200 rpm
Operating mode	Pulse or continuous button
Working temperature	+4 °C to +65 °C
Dimensions (mm)	130 x 160 x 170
Weight (kg)	3.8
Power supply	230 VAC 50 Hz 0.75 A
Warranty	2 years

Cat. No.	Description	€
060900	BenchMixer Vortexer 230 V / 50 Hz	**N/A -**
060901	Head diameter 7 cm	**N/A -**
060902	Combo head for 68 microtubes* or 1 microplate	**N/A -**

* 38 microtubes 1.5 ml /2 ml and 28 microtubes 0.5 ml



LSE Corning® Vortex

- For all types of tubes and plates (many accessories available)
- Variable speed from 0 to 2850 rpm
- Optimised to minimise vibration



Speed (rpm)	0 - 2850
Dimensions W x D x H (mm)	140 x 160 x 130
Operating mode	Continuous / Manual
Weight (kg)	2.2
Power supply	230 V, 50/60 Hz
Cat. No.	**006776**
€	**N/A -**

Accessories

CatNo.	Description	€
00480101	Head attachment for tube 24 x 1.5/2 ml, 24 x 0.5 ml and 32 x 0.2 ml	**N/A -**
00480102	Head attachment for 1 microplate or 64 tubes 0.2 ml or strips 8 x 0.2 ml	**N/A -**
00480103	Head attachment for 8 tubes 15 ml and 8 tubes 12/13 mm	**N/A -**
00480104	Head attachment for 6 tubes 50 ml	**N/A -**
00480105	Head attachment for 12 tubes 1.5/2 ml	**N/A -**
00480106	Head attachment for 4 tubes 15 ml	**N/A -**
00480107	Head attachment for 2 tubes 50 ml	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Vortex mixer VX-200





For shaking, mixing and vortexing all types of tubes with the CombiCup™ head (non-slip TPE)

- **Many accessories available**
- **Circular orbit for better vortexing at low speed**
- **Lightweight, portable**
- **Adjustable speed**
- **Optimised to minimise vibration**

Speed (rpm)	0 - 2850
Operating mode	Continuous or manual
Ambient temperature range	4 °C to 65 °C
Dimensions (L x D x H)	14 x 16 x 13 cm
Weight	2.2 kg
Voltage	120 ou 230 V, 50/60 Hz

Cat. No.	Description	€
096596	Vortex mixer VX 200 230 V	N/A -

Accessories

Cat. No.	Description	€
096598	Head attachment for tubes 24 x 1.5/2.0 ml , 24 x 0.5 ml , 32 x 0.2 ml	N/A -
096599	Head attachment for 1 microplate or 64 tubes 0.2 ml or bars 8 x 0.2 ml	N/A -
096600	Head attachment for 8 tubes 15 ml and 8 tubes 12/13 mm	N/A -
096601	Head attachment for 6 tubes 50 ml	N/A -
096602	Head attachment for 12 tubes 1.5/2.0 ml	N/A -
096603	Head attachment for 4 tubes 15 ml	N/A -
096604	Head attachment for 2 tubes 50 ml	N/A -

Vortex V-3



- **Very high stability due to its half-sphere shape**
- **Pulse or continuous operation**
- **Silent operation**
- **Head attachment for 0.5 to 50 ml tubes as accessory (to be ordered separately)**

Speed	50 to 3000 rpm
Amplitude	4 mm
Dimensions	130 x 60 mm
Power adapter	220-230V/12 VDC
Weight	0.6 kg

Cat. No.	Description	€
065524	Vortex V-3	N/A -
065527	Adapter for 9 Eppendorf-type microtubes	N/A -
065526	Head attachment for tubes 0.5 to 50 ml	N/A -

Vortex-Mixer V-1 Plus



- **For tubes and microtubes from 1.5 ml to 50 ml**
- **Very small footprint**
- **Low noise**
- **Variable speed agitation from 750 to 3000 rpm**
- **Anti-slip pads**
- **Low energy consumption**
- **Disconnectable power cable from the base of the vortex**

Cat. No.	Description	€
144200B	Vortex-Mixer V-1 Plus	N/A -

Speed (rpm)	750 - 3000
Orbit (mm)	4
L x D x H (mm)	90 x 150 x 80
Voltage input (V)	12
Power input	CD
Amperage input (A)	0.32

VELP Vortex

Model	Classic	Wizard	TX4
Maximum speed (rpm)	3000	3000	3000
Operating mode	Continuous or manual	Continuous or infrared	Continuous or infrared
Control	Analog	Analog	Digital
Timer	-	-	999:59 min
Base diameter (mm)	4.5	4.5	4.5
Dim. L x W x H (mm)	180 x 220 x 70	180 x 220 x 70	150 x 165 x 130
Weight (kg)	2.2	2.2	2.7
Power supply (W/ Hz/V)	15 / 50-60 / 100-240	15 / 50-60 / 100-240	15 / 50-60 / 100-240
Cat. No.	**399005**	**399006**	**399057**
€	**N/A -**	**N/A -**	**N/A -**

- **Adjustable speed**
- **Protection class: IP 42**
- **WIZARD and TX4 models equipped with an infrared detector that detects the presence of the tube and is automatically activated**





Accessories

Cat. No.	Description	€
399007	Stand for 19 Eppendorf tubes 1.5 ml	**N/A -**
399008	Customisable stand	**N/A -**
399009	Stand for 5 test tubes Ø 16 mm	**N/A -**
399010	Stand for microtiter plate	**N/A -**
399011	Elastic supporting plate Ø 50 mm	**N/A -**
399012	Rubber supporting plate Ø 94 mm	**N/A -**
399013	Supporting plate for 4 tubes Ø 29 mm	**N/A -**

Multi Vortex-Genie and Vortex-Genie Max high capacity vortex mixers

- **Painted zinc housing**
- **Anti-slip pads**
- **Programmable**

Model	Multi Vortex-Genie	Vortex-Genie Max
Speed (rpm)	200 - 950	500 - 1950
Pulse mode	No	Yes - 1 seconde to 99 minutes
Programmable	Speed and time	Speed, time, pulse function, acceleration/deceleration rate
Capacity	24 tubes up to Ø 29 mm 4 bottles or flasks 500 ml 6 bottles or flasks 250 ml 4 microplates	24 tubes up to Ø 29 mm (optional) 6 bottles or flasks 250 ml 4 microplates (optional)
Dim. Plate W x D x H (mm)	240 x 280	
Dim. Total W x D x H (mm)	310 x 270 x 195	
Weight (kg)	11.3	10.4
Power supply	230 V; 50 Hz	
Warranty	2 years	
Cat. No.	**079075**	**079144**
€	**N/A -**	**N/A -**



079075



079144

Accessories for Vortex-Genie Max

Cat. No.	Description	€
079145	Rack for 10 tubes up to Ø 29 mm	**N/A -**
079146	Set of 2 racks for 10 tubes up to Ø 29 mm	**N/A -**
079147	Microplate foam insert for 2 plates	**N/A -**
079148	MicroPlate foam insert for 2 plates (set of 2)	**N/A -**

Digital vortex mixer

thermoscientific

Speed (rpm)	200 to 3000
Accuracy	± 10 %
Maximum permissible load (kg)	0.5
Dimensions L x W x H(mm)	205 x 151 x 131
Weight (kg)	6.1
Cat. No.	**229203**
€	**N/A -**

- **Timer: continuous or up to 99 min**
- **One-click mode change**
- **Wide range of accessories**
- **Warranty: 2 years**



Accessories

Cat. No.	Description	Maximum operating speed	€
229223	Universal rubber platform	3000 rpm	**N/A -**
229224	Flat bottom vessel platform	3000 rpm	**N/A -**
229225	Microplate tray	1200 rpm	**N/A -**
229226	19 x 10 mm diameter tube holder	2000 rpm	**N/A -**
229227	13 x 12 mm diameter tube holder	1800 rpm	**N/A -**
229228	12 x 15 mm diameter tube holder	1000 rpm	**N/A -**
229229	7 x 20 mm diameter tube holder	1000 rpm	**N/A -**
229230	4 x 26 mm diameter tube holder	900 rpm	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

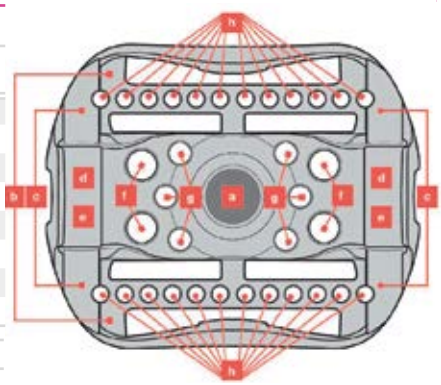
Versatile Vortex Shaker Vortexer



Tube slots

	Tube	Capacity
a	Central slot for manual vortex	1
b	Plate (to be used with holding ropes)	1
c	50 ml conical tubes (horizontal mounting)	2
d	15 ml conical tubes (horizontal mounting)	2
e	5 ml microtubes (horizontal mounting)	2
f	1.5/2 ml Microtubes	4
g	Microtubes 0.5 ml	6
h	PCR 0.2 ml Microtubes (or strips)	24

Speed (rpm)	1000, 2000 or 3000
Stirring amplitude (mm)	3.7
Dimensions W x D x H (mm)	171 x 190 x 197
Weight (kg)	3.93
Cat. No.	**320155**
€	**N/A -**



- **ABS body with anti-vibration feet**
- **Continuous or pressure agitation**
- **Can be used with multiple tube sizes simultaneously without the need for accessories (see diagram above)**
- **Warranty: 2 years**

LMS Vortex



- **Variable speed vortexer**
- **ON / OFF Button**
- **Continuous operation**
- **Operation by pressure on the stirring head**

Cat. No.	Description	€
079030	LMS Vortex	N/A -

Speed (rpm)	0 - 3000
Material	Painted aluminium and ABS
Head	Rubber
Dimensions (mm)	130 x 155 x 155
Weight	4 kg
Voltage (V)	AC 220V, 50 Hz

Accessories

Cat. No.	Description	€
088933	Foam microplate rack	N/A -
088934	Flasks holder	N/A -

Disruptor Genie shaker



079062



079123

The Genie Disruptor shaker, is particularly suitable for breaking up and homogenising difficult cells, bacteria, animal or plant tissue, resuspending pellets and any application requiring extreme agitation. Complete with TurboMix holder for 12 x 1.5 ml or 2 ml tubes with screw cap.

- **Its holder accepts 12 x 1.5 ml or 2 ml microtubes with screw cap**
- **Works in cold rooms and incubators**
- **Timer 15 minutes**
- **Standard or digital model**

Cat. No.	Description	€
079062	Genie Disruptor Standard complete for 1.5 and 2 ml microtubes	N/A -
079123	Genie Disruptor Digital complete for 1.5 and 2 ml microtubes	N/A -

Beads for Disruptor

Cat. No.	Description	€ the bottle of 375 g
079052	0.1 mm beads for bacteria	N/A -
079053	0.5 mm beads for fungi and yeast	N/A -


079052



Optional TurboMix holder

Cat. No.	Description	€
079129	TurboMix holder for 12 microtubes 1.5/2 ml	N/A -

Optional universal rack

Made of plastic. Fits into the TurboMix holder.

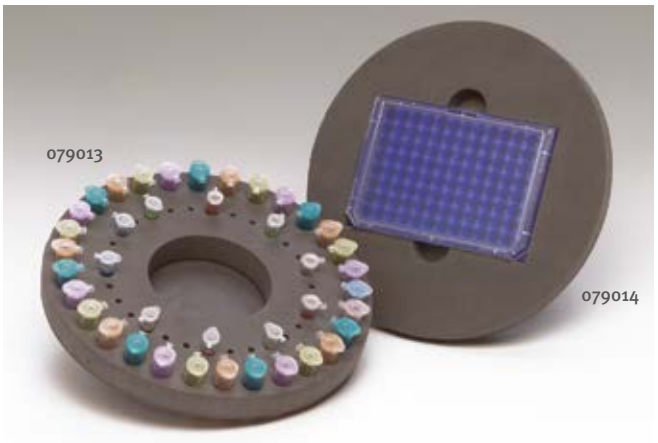
Cat. No.	Description	€
079134	Universal microtube rack	N/A -

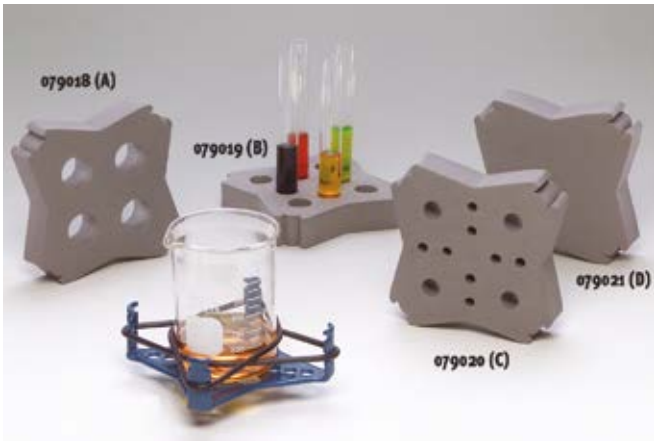
Genie 1 and Genie 2 Vortex shakers



Robust and universal
Vibration shaker with a wide range of media combinations to suit the container being shaken.

Model	Vortex Genie 1	Vortex Genie 2	Vortex Genie 2T	Vortex Genie 2 digital
Features	High constant speed Powerful vortex Occasional or brief agitation	High variable speed Can be used in a cold room or incubator	High variable speed Can be used in a cold room or incubator Automatic shutdown at the end of the programmed time	Digital version Accepts all accessories of the classic Vortex genie 2
Supplied with	1 pop-off head for one tube	1 pop-off head for one tube + one holder ø 7.5 cm	1 pop-off head for one tube + one holder ø 7.5 cm	1 pop-off head for one tube + one holder ø 7.5 cm
Speed (rpm)	2700	600 - 2700	600 - 2700	500 - 2850
Timer - Touch-On mode - Hands-free mode	-	Touch-on / Hands-free	Touch-on (1-60 sec) / Hands-free (1-60 min or continuous)	Touch-on (1-99 sec) / Hands-free (1-99 min or continuous)
Weight (kg)	4	4	4	4
Dimensions (L x W x H) (mm)	165 x 122 x 165	165 x 122 x 165	165 x 122 x 165	165 x 122 x 165
Warranty	2 years	2 years	2 years	2 years
Cat. No.	**079007**	**079008**	**079009**	**079070**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**





Accessories

- Foam racks usable up to 1800 rpm or power 7
- For occasional shaking (hand-held tube or flask; these accessories are supplied with the Genie 2).

Cat. No.	Description	€
079010	Holder for 1 tube	**N/A -**
079011	Holder ø 7.5 cm for flaks, beakers or several tubes, with anti-slip rubber coating	**N/A -**

- For continuous shaking

Two basic holders are available:
1) a ø 15 cm holder on which round foam racks are fixed.

Cat. No.	Description	€
079012	Holder ø 15 cm only	**N/A -**
079013	Foam holder for 30 microtubes 1.5/2.0 ml and 30 microtubes 0.2/0.5 ml	**N/A -**
079014	Foam holder for 1 microtiter plate (2 units)	**N/A -**
079127	Foam holder for 1 Deepweel plate	**N/A -**
079015	Complete set including holder ø 15 cm, 1 rack 60 microtubes, 1 holder for microtiter plate	**N/A -**

2) a platform to be completed with a fastening elastic band or foam racks of various types of tubes (solid racks can be drilled as required for use).

Cat. No.	Description	€
079016B	Recessed polypropylene platform only	**N/A -**
079017	Elastic bands (2 units)	**N/A -**
079018	A: Foam inserts for 4 tubes ø 29 to 37 m (2 units)	**N/A -**
079019	B: Foam inserts for 4 tubes ø 20 to 29 mm and 4 tubes ø 14 to 20 mm (2 units)	**N/A -**
079020	C: Foam inserts for 4 tubes ø 13 to 15 mm and 8 tubes ø 8 to 12 mm (2 units)	**N/A -**
079021	D: Solid Foam inserts (2 units)	**N/A -**
079022	Kit comprising platform + A, B, C and D	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Racks for Vortex Genie 1 and Genie 2 shakers

079097



079098



079100



079104



079101



079102



079099



079120



079122



079121



079134







Horizontal and vertical tube holders

Cat. No.	Description	€
079097	Horizontal holder for 6 tubes 50 ml	N/A -
079098	Horizontal holder for 12 tubes 15 ml	N/A -
079099	Horizontal holder for 24 microtubes	N/A -
079100	Vertical holder for 6 tubes 50 ml	N/A -
079101	Vertical holder for 12 tubes 15 ml	N/A -
079102	Vertical holder for 24 microtubes	N/A -
079104	Vertical holder for 6 x 50 ml tubes, 6 x 15 ml tubes and 12 microtubes	N/A -
079120	Vertical high speed holder for 3 tubes 50 ml	N/A -
079121	Vertical high speed holder for 6 tubes 15 ml	N/A -
079122	Vertical high speed holder for 9 tubes 1.5 ml	N/A -

Other holders

Cat. No.	Description	€
079134	Universal microtube holder	N/A -
079058	Attachment for 2 short ampules and 2 tubes 15 ml ø 17 mm	N/A -
079059	Attachment for 2 long ampules and 2 tubes 15 ml ø 17 mm	N/A -

Vortex Genie Pulse



- **Powerful vortex**
- **Quick key or interval mixing**
- **Programmable**
- **Speed and time display**
- **Also works in continuous mode**

Speed (rpm)	500 - 2850
Weight (kg)	4
L x D x H (mm)	165 x 122 x 165
Modes	Pulse or continuous button
Pulse button	0.1 second to 99 minutes

Cat. No.	Description	€
079115	Vortex Genie Pulse	N/A -

Mortexer™ Multi-tube head vortex mixer

A vortex mixer with a multi-tasking head.

- **Supplied with a head for simultaneous shaking of 8 microtubes of 1.5 ml/2 ml in a ring and a tube for any volume up to 50 ml**
- **Pulse or continuous button**

Speed	200 to 3400 rpm
Working temperature	+ 4 to 65 °C
Dimensions (mm)	130 x 160 x 170
Weight (kg)	3.8
Power supply	230 V, 50 Hz
Warranty	2 years
Cat. No.	**060990**
€	**N/A -**





060993



060901



060994



060902



060995





Accessories

Cat. No.	Description	€
060901	Universal foam head, diam.: 7.6 cm	**N/A -**
060902	Combo head for 38 microtubes 1.5/2ml and 28 microtubes 0.5 ml, or 1 microplate	**N/A -**
060993	Head for 12 microtubes 1.5/2 ml	**N/A -**
060994	Head for 4 conical tubes 15 ml	**N/A -**
060995	Head for 2 conical tubes 50 ml	**N/A -**

Combi-Spin and Multi-Spin vortex centrifuges

Supplied with a rotor for 12 x 1.5/2 ml tubes, and a rotor for 12 x 0.5 ml tubes and 12 x 0.2 ml tubes.

Combi-Spin

- **Vortex usable during centrifugation, thanks to the agitation head coming out of the lid**

Multi-Spin

- **For simultaneous stirring of multiple tubes**
- **Alternating stirring and centrifuging phases, up to 999 cycles**

Model	Combi-Spin	Multi-Spin
Speed (rpm)	2800	1000 à 6000
Acceleration RCF (g)	700	2350
Centrifuge timer	-	1 sec to 30 min
Vortex timer	-	1 to 20 sec
Display	-	Digital
Contrôle	Boutons rotatifs	Touch
Pulse button	Yes	-
Working temperature	4 to 40 °C	
Dimensions (W x D x h) (mm)	193 x 235 x 125	
Weight(kg)	1.7	2.5
Cat. No. (with rotor)	**144218B**	**144782B**
€	**N/A -**	**N/A -**





Rotors

Cat. No.	Description	€
144220B	Rotor for 8 tubes 1.5 ml or 8 tubes 0.5 ml	**N/A -**
144221B	Rotor for 6 tubes 1.5 ml, 6 tubes 0.5 ml or 6 tubes 0.2 ml	**N/A -**
144222B	Rotor for 2 x 0.2 ml tube strips	**N/A -**
144819	Rotor for 32 x 0.2 ml tubes or 4 strips	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Benchmixer™ XL Vortexer



- **Orbital vortex agitation**
- **300 x 178 mm platform for a wide variety of tubes**
- **Speed up to 2500 rpm**
- **Pulsing program for interval mixing (up to 100 hours)**
- **Supplied with a rack for 50 tubes of 12 mm diameter (Cat. No. 062522)**

Can be completed with a horizontal rack for 50 ml tubes, ideal for pesticide residue testing (QuEChERS method) - sold separately: Cat. No. 062528)

Speed (rpm)	500 to 2500
Max. capacity	15 x 50 ml or 50 x 15 ml
Orbit (mm)	3.6
Timer	up to 100 hours
Dimensions (mm)	385 x 235 x 420
Weight (kg)	13
Power supply	230 V / 50-60 Hz
Cat. No.	**062519**
€	**N/A -**

Racks

Cat. No.	Capacity	€
062520	96 tubes of 0.5 ml or 8 mm diameter	**N/A -**
062521	50 tubes of 1.5/2 ml or 10 mm diameter	**N/A -**
062522	50 tubes of 12 mm diameter	**N/A -**
062523	50 tubes of 13 mm diameter	**N/A -**
062524	50 tubes of 15 ml or 16.5 mm diameter	**N/A -**
062525	15 tubes of 50 ml or 29 mm diameter	**N/A -**

Cat. No.	Capacity	€
062526	15 tubes of 25 mm diameter	**N/A -**
062527	3 microplates	**N/A -**
062804	7 x 50 ml tubes horizontal	**N/A -**

Shaker for microtubes



Shaker for 60 microtubes 1.5 ml or 2 ml (or 0.5 ml or 0.2 ml with adapters).

- **Variable speed: 100 - 1400 rpm**
- **Timer: 99.5 minutes with continuous function**
- **Orbital movement: 3 mm amplitude**
- **L x W x H (mm): 170 x 280 x 150**

Cat. No.	Description	€
096503	Shakers for 60 microtubes	**N/A -**
096532	Adapter for microtubes 0.5 ml (6 units)	**N/A -**
096534	Adapter for 0.2 ml microtubes (6 units)	**N/A -**

MPS-1 Grant-Bio high-speed orbital/vortex shaker



Compact shaker for tubes, microtubes and plates.

- **Suitable for use with 0.2 ml to 50 ml high speed tubes**
- **Can be used in cold rooms and incubators**
- **Silent operation**
- **Adjustable speed or 4 presets**

Speed (rpm)	300 - 3200
Increment (rpm)	100
Stirring amplitude (mm)	3
Acceleration time (s)	5
Timer with alarm	1 to 60 min / continuous
Operating temperature	+ 4 to 40 °C
Dimensions W x D x H (mm)	225 x 215 x 150
Weight (kg)	5.1
Maximum noise level	50 dB
Power supply	12V / 1.25A / 5W
Cat. No.	**144813**
€	**N/A -**

Accessories

Cat. No.	Description	€
144815	Adapter for 24 microtubes 1.5/2.0 ml	**N/A -**
144816	Adapter for 32 microtubes 0.5 ml	**N/A -**
144817	Adapter for 24 tubes 0.5 ml and 48 tubes 0.2 ml (or 6 x 8-tube strip)	**N/A -**
144818	Adapter for 96 microtubes 0.2 ml or 12 x 8-tube strip or a half-skirted or unskirted 96-well PCR plate	**N/A -**
144814	Complete package with MPS-1 agitator and 4 adapters	**N/A -**

ViTL Co-Mix Combined vortex and plate mixer

Multi-function mixer with vortex module.

- **Intuitive touch-screen interface**
- **Pre-programmed with 9 mixing programs. 100 user-defined programs can be added to suit your needs**
- **Guaranteed repeatability of results**
- **No risk of splashing or contamination**
- **Takes 96 and 384-well skirted microplates, microtitre plates, as well as Deepwell plates**
- **Adapters provided for 96-well semi-skirted and unskirted PCR plates, for 0.5 and 1.5 ml tubes, and for 2 ml tubes**
- **Vortex module operates in continuous or press mode**

Speed (rpm) (mixer)	200 - 3000
Speed (rpm) (vortex)	700 - 3500
Timer (mixer)	5 sec to 28 days
Timer (vortex)	2 sec to 99 sec
Dimensions (W x L x H) (mm)	188 x 347 x 176
Power consumption	100 W max
Weight (kg)	6.6
Cat. No.	**444004**
€	**N/A -**



Additional accessories

Cat. No.	Description	€
444005	Adapter for 96-well PCR plate	**N/A -**
444006	Adapter for 0.5 ml tubes	**N/A -**
444007	Adapter for 1.5 and 2 ml tubes	**N/A -**

Digital heating shaking drybath

- **Digital display**
- **PID control ensures precise temperature control**
- **10 program memory, up to 10 steps per program**
- **2 types of timer mode: immediate start or start when target temperature is reached**
- **Easily interchangeable blocks to be ordered separately**
- **Warranty: 2 years**

Temperature range	Ambient at 100 °C
Variation at 80 °C	0.5 °C
Rotation speed (rpm)	150 - 1500
Orbit size (mm)	2
Dim. int. (L x W x H)(mm)	99 x 77.5 x 36
Dim. ext. (L x W x H)(mm)	276 x 334 x 170
Weight (kg)	8.3
Power (V/ Hz)	230 / 50-60
Cat. No.	**079573**
€	**N/A -**

Accessories

Cat. No.	Description	€
079520	Block for 96 microtubes 0.2 ml	**N/A -**
079521	Block for 48 microtubes 0.5 ml	**N/A -**
079522	Block for 24 microtubes 1.5 ml	**N/A -**
079701	Block for 24 tubes Ø 12 mm	**N/A -**
079702	Block for 24 tubes Ø 13 mm	**N/A -**
079700	Block for 15 centrifuge tubes 15 ml	**N/A -**
079523	Block for 6 centrifuge tubes 50 ml	**N/A -**



INCU-MIXER 2 or 4 plates

- **Optimized for incubated mixing of 2 or 4 microtitre and deepwell plates (For plates up to 40 mm high)**
- **Can also be used as a vortexer alone or as an incubator without vortexing**
- **With heated lid**
- **Digital display of temperature, speed and time**
- **Adapter available for 0.5 to 2 ml microtubes**

Model	Incu-Mixer MP2	Incu-Mixer MP4
Temperature range	Ambient + 5 °C to 70 °C	
Accuracy	+/- 0.2 °C	
Uniformity	+/- 0.5 °C	
Mixing speed in rpm	100-1200	100-1500
Orbit Ø	2 mm	
Dimensions (cm)	27.9 x 26.9 x 13.9	32 x 35 x 18.5
Voltage	100-240 V	230 V, 50-60 Hz
Cat. No.	**062572**	**062570**
€	**N/A -**	**N/A -**



062571



062570

* For MP4 model only

Accessory for Incu-Mixer MP4

Cat. No.	Description	€
062571	Adapter for 1.5/2 and 0.5 ml microtubes*	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Bioshake IQ Heating Shaker



Thermoshaker for multiple applications.
For microplates, microtubes, glass tubes (see accessories).

- **For stirring and mixing up to 3000 rpm**
- **Fast, high-precision heating of the room temperature to 99 °C**
- **Reproducible results, because of defined parameters**
- **Stirring control, anti-splash technology**
- **Two programming keys**
- **Compact, light and quiet**
- **Particularly convenient for shaking in 384-well plates**
- **Continuous mode**
- **Audible alarm**

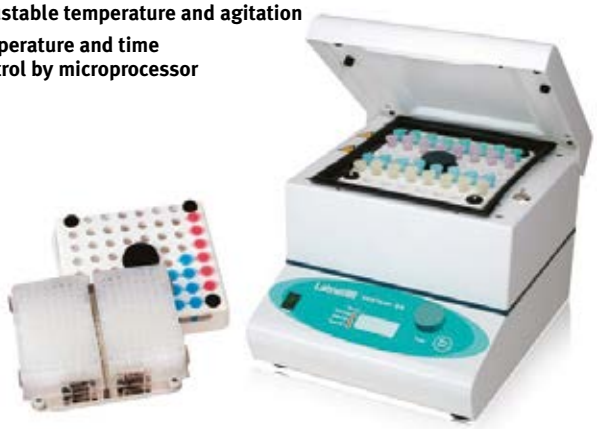
T° Range / Setting / increment	Ambient to 99 °C / From 0 °C to 99 °C / 0.1 °C
T° accuracy	± 0.5 °C to 45 °C / ± 0.7 °C to 75 °C / ± 1 °C to 95 °C
T° rise	7 °C / min (10 min. from ambient to 95 °C)
Shaking	From 200 to 3 000 rpm (microplates) / from 200 to 1 800 rpm (tubes, glass tubes), in increments of 50 rpm
Stirring orbit	2 mm
Timer	1 min - 99 h / automatic stop
Material	Anodised aluminium
Operating temperature	+5 °C to 45 °C (max. 80% relative humidity)
Dimensions (L x W x H)	142 x 170 x 80 mm
Weight	2.7 kg
Cat. No.	**181000**
€	**N/A -**

Adapters

Cat. No.	Adapter for	€
181001	Flat bottom microplate	**N/A -**
181002	Universal microplate for round bottom microplates	**N/A -**
181003	96-well PCR microplate	**N/A -**
181004	384-well PCR microplate	**N/A -**
181005	Tubes 24 x 2 ml or 15 x 0.5 ml	**N/A -**
181006	Tubes 24 x 1.5 ml or 15 x 0.5 ml	**N/A -**
181007	Tubes 40 x 0.5 ml or 28 x 0.2 ml	**N/A -**
181008	Tubes 96 x 0.2 ml	**N/A -**
181009	Glass tubes 30 x 2 ml	**N/A -**
181010	Tubes 20 x 4 ml	**N/A -**

VORTEMP 56 Shaking Incubator

- **For microtubes**
- **For simultaneous shaking and heating of small samples**
- **Delivered with interchangeable platform**
- **Adjustable temperature and agitation**
- **Temperature and time control by microprocessor**



Model	VORTEMP 56
Gamme de température	Ambient +5 °C to 99 °C
Accuracy	+/- 0.5 °C
Speed	100 - 1500 rpm
Orbit movement	Circular 3 mm
Timer	1 to 999 minutes or continuos
Capacity	56 microtubes 1.5 or 2 ml
	4 microplates, 2 deepwells
Ext. dimension (L x D x H)	230 x 310 x 230 mm
Cat. No.	**096510**
€	**N/A -**

Accessories for VORTEMP 56

Cat. No.	Description	€
096532	Individual adaptor for 0.5 ml microtubes (6 units)	**N/A -**
096534	Individual adaptor for 0.2 ml microtubes (6 units)	**N/A -**

Grant-Bio PHMT thermoshaker for microtubes



T° range (°C)	amb. +5 to 100
Stability (°C)	+/- 0.1
Uniformity (°C)	+/- 0.2
Speed (rpm)	250 to 1400
Speed resolution	10 rpm
Orbit (mm)	2
Timer	1 min to 96 h
Timer resolution	1 mn
Ambient t° rise to 37°	5 min
Ambient t° range (°C)	4 to 40
L x D x H ext. (mm)	205 x 230 x 130
Voltage input (V)	12

Three instruments in one:
- A thermoshaker;
- A benchtop incubator;
- A microtube shaker in cold temperatures

For simultaneous shaking and heating of 2 ml, 1.5 ml or 0.5 ml microtubes:
- for 24 x 2 ml microtubes;
- for 24 x 1.5 ml microtubes;
- For 20 x 0.5 ml microtubes and 12 x 1.5 / 2 ml microtubes;
- or for 1 x 96-well plate / 0.2 ml tubes.

Shaker supplied with or without block.
The Cat. No. 144223 is to be completed with a block.

Cat. No.	Description	€
144223	Thermoshaker without block	**N/A -**
144599	Thermoshaker with block for 20 x 0.5 tubes and 12 x 1.5 ml tubes	**N/A -**
144919	Thermoshaker with block for 24 x 2 ml microtubes	**N/A -**
144600C	Thermoshaker with block for 24 x 1.5 ml microtubes	**N/A -**
144845	Thermoshaker with block for 96-well plate	**N/A -**

Accessories

Cat. No.	Description	€
144228	Block for 20 microtubes 0.5 ml or 12 microtubes 1.5 / 2 ml	**N/A -**
144769	Block for 24 microtubes 2 ml	**N/A -**
144601C	Block for 24 microtubes 1.5 ml	**N/A -**
144846	Block for 96-well plate	**N/A -**

Grant-Bio PHMP Thermoshaker for Microplates

Three devices in one:
- A thermoshaker;
- A compact benchtop incubator without shaking;
- A microplate shaker in cold or ambient temperatures.

- **For 96 or 384 well microplates**
- **With heated lid for optimised heating**
- **Speed: 250 to 1200 rpm / 2 mm orbit**
- **Adjustable temperature up to 60 °C**
- **Soft start of shaking**
- **Timer from 1 min. to 96 h with buzzer and automatic switch-off**
- **For 2 or 4 microplates**
- **Low energy consumption**
- **Can be used in a cold room or incubator**

Cat. No.	Microplate capacity	Dimensions (mm)	€
144211	2	265 x 250 x 125	N/A -
144532	4	380 x 390 x 140	N/A -

T°range (°C)	amb +5 to 60
Stability (°C)	+/- 0.1
Uniformity (°C)	+/- 0.2
Speed (rpm)	250 to 1200
Speed resolution	10 rpm
Orbit (mm)	2
Timer	1 min to 96 h
Timer resolution	1 mn
Ambient t° (°C)	4 to 40
Voltage input (V)	12
Power input	CD
Amperage input (A)	0.5



- **Applications: molecular biology: for microbial culture and DNA analysis, cytochemistry (for in situ reactions), molecular chemistry (for matrix analysis), immunochemistry, molecular diagnostics, Elisa tests**

Multi-therm shaker with heating and cooling for microplates

- **2 models: Heat/Cool or Heat only**
- **Temperature control from 0 to 100 °C**
- **Supplied without block, interchangeable blocks for tubes from 0.2 to 50 ml**
- **Modest footprint**
- **Applications: reverse transcription, gentle thawing of biological samples, DNA or protein denaturation, lipid extractions, yeast or bacterial cultures, enzymatic digestions**

Temp. Range (Cat. No. 060936)	Ambient -20 °C to 100 °C
Temp. Range (Cat. No. 060937)	Ambient + 5 °C to 100 °C
Temperature Increment	5 °C / minute
Temperature decrease	2.5 °C/minute (Cat. No.060936 only)
Temp. Accuracy	+/- 1.0 °C
Shaking speed	200 to 1500 rpm
Orbit movement	Horizontal Circular 2 mm
Dimensions / Weight	210 x 290 x 210 mm / 8 kg
Power supply	230 V, 50-60 Hz

Cat. No.	Description	€
060936	Multi-therm shaker with heating + cooling for microplates	N/A -
060937	Multi-therm shaker with heating for microplates	N/A -

Blocks

Cat. No.	Capacity	€
060938	96 tubes 0.2 ml or one PCR plate	N/A -
060939	54 tubes 0.5 ml	N/A -
060940	15 tubes 0.5 ml and 20 tubes 1.5 ml	N/A -
060941	35 tubes 1.5 ml	N/A -
060942	35 tubes 2.0 ml	N/A -
060943	24 tubes 12 mm (200 to 1200 rpm / ambient - 10 ° to 100 °C)	N/A -
060944	12 tubes 15 ml (200 to 750 rpm / ambient - 10 ° to 100 °C)	N/A -
060945	6 tubes 50 ml (200 to 750 rpm / ambient - 10 ° to 100 °C)	1099.36 -
062538	1 microplate	N/A -
062539	1 Deepwell plate	N/A -
062540	24 tubes 2 ml HPLC flask type 12 x 32 mm	N/A -
062541	Liquids or beads (block size 101 x 66 x 25 mm)	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

ThermoMixer: mixing and temperature control



Ideal for efficient and reliable mixing, heating and cooling established routine applications on tubes and plates.

- **High-performance agitation with 2DMix-Control technology, perfectly flat and splash-free**
- **Precise and even temperature control, optimised with the Thermotop to prevent condensation**
- **Quick access keys for the most common temperatures or main programmes**
- **2 year warranty**

Thermomixer F 0.5, F 1.5, F 2.0 and FP

- **Temperature and speed settings**
- **Pre-equipped with a fixed SmartBlock**

ThermoMixer C and ThermoStat C

- **Temperature, speed and time settings**
- **Programming of up to 4 steps**
- **Timer from 15s to 99:30h or continuous operation**
- **To be completed with a SmartBlock**

Model	ThermoMixer C	ThermoMixer F 0.5	ThermoMixer F 1.5	ThermoMixer F 2.0	ThermoMixer FP	Thermostat C
Capacity	According to SmartBlock	24 x 0.5 ml microtubes	24 x 1.5 ml microtubes	24 x 2.0 ml microtubes	1 microplate or 1 Deepwell plate	According to SmartBlock
Shaking speed (rpm)	300 - 3000	300 - 2000	300 - 1500	300 - 1500	300 - 2000	-
Orbit diameter (mm)	3 mm					-
Temperature range	TA* -15 to 100 °C	TA* +4 to 100 °C				TA* -30 to 100 °C
Max heating speed	7 °C/min	15 °C/min	11 °C/min	13 °C/min	18 °C/min	5.5 °C/min
Max cooling speed	2.5 °C / min	-	-	-	-	5 °C/min
Available functions	Short Mix					Time/temp mode Pause function
Dimensions (W x D x H) (mm)	206 x 304 x 136	206 x 304 x 163	206 x 304 x 170	206 x 304 x 170	206 x 304 x 164	206 x 304 x 131
Cat. No.	**035963**	**933118**	**035965**	**933119**	**035966**	**035964**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* RT: ambient temperature

SmartBlocks



- **Integrated temperature sensor for temperature control**
- **QuickRelease system for quick and easy assembly/disassembly**

Cat. No.	Capacity	€
035967	24 x 0.5 ml microtubes **	**N/A -**
035968	24 x 1.5 ml microtubes **	**N/A -**
035969	24 x 2 ml microtubes **	**N/A -**
035970	8 x 5 ml microtubes	**N/A -**
035971	8 x 15 ml conical bottom tubes	**N/A -**
035972	4 x 50 ml conical bottom tubes	**N/A -**
035973	24 tubes Ø 12 mm	**N/A -**
035975	1 microplate or Deepwell plate, with lid	**N/A -**
035976	1 x 96-well PCR plate, with lid **	**N/A -**
035977	1 x 384-well PCR plate, with lid **	**N/A -**
933820	1 x 96-well Deepwell 500 µl, with lid	**N/A -**
933819	1 x 96-well Deepwell 1000 µl, with lid	**N/A -**

** ThermoTop compatible

ThermoTop



- **Heated cover prevents condensation on the tube wall**
- **Plug-in installation with automatic recognition by the device**
- **Optimises temperature uniformity**
- **Limits evaporation of samples**

Cat. No.	Description	€
035979	ThermoTop heated lid	**N/A -**
035978	Insulated lid	**N/A -**

SmartExtender



- **Non-stirring add-on module for incubation of 12 x 1.5ml tubes**
- **Independent temperature control**
- **Quick and easy assembly without tools**

Cat. No.	Description	€
5322000008	SmartExtender Module 1.5ml	**N/A -**

Eppendorf MixMate mixer

- For samples from 5 µl to 2 ml in PCR tubes, microtubes and SBS plates
- High-speed mixer from 300 to 3000 rpm
- Integrated ergonomic vortex function (3500 rpm)
- 2DMix-Control technology (planar mixing orbit without vertical movement), without lid wetting and cross-contamination
- Buttons for pre-defined standard mixing parameters, depending on format
- Compact and very quiet
- Delivered alone, 5 optional racks: for 96 PCR microtubes, for 24 x 0.5 ml microtubes, for 24 x 1.5/2 ml microtubes, for 8 x 5/15 ml tubes or for 4 x 25/50 ml tubes
- Warranty: 2 years



Cat. No.	Description	€
999576	MixMate Mixer withour rack	N/A -

Accessories

Cat. No.	Description	€
033959	Rack 96 for 96 PCR tubes 0.2 ml, PCR srips or 96-well PCR plates, semi-skirted or non-skirted	N/A -
033960	Rack for 24 x 0.5 ml microtubes	N/A -
033961	Rack for 24 x 1.5 ml or 2 ml microtubes	N/A -
999577	Rack for 8 x 5 or 15 ml conical tubes	N/A -
999578	Rack for 4 x 25 or 50 ml conical tubes	N/A -
033962	Vortex mat	N/A -

Accutherm Microtube Shaking Incubator, heating/cooling

Temperature adjustable range	0 °C to + 105 °C
Temperature range	Ambient - 14 °C to +100 °C
Accuracy (°C)	± 0.5
Uniformity (°C)	± 0.5
Heating rate	6.5 °C/ min
Cooling rate	1.5 °C/ min
Timer	1 min to 99 h 59 min
Shaking speed (rpm)	300 - 1500
Orbit (mm)	3
Dimensions L x W x H (mm)	330 x 166 x 240
Weight (kg)	8.5
Cat. No.	**096683**
€	**N/A -**

Combination of a heating/cooling block and an shaker for a wide range of applications.

- Compact
- Temperature adjustable range from 0 to 105 °C
- Easy to use
- Blocks to be ordered separately



Blocks

Cat. No.	Description	€
096684	Block for 40 x 1.5 ml tubes	N/A -
096685	Block for 54 x 0.5 ml tubes	N/A -
096686	Block for 96 x 0.2 ml tubes	N/A -
096687	Block for 24 tubes diameter 15 mm	N/A -
096688	Water bath block	N/A -
096689	Block for 26 x 0.5 ml tubes and 24 x 1.5 ml tubes	N/A -
096690	Block for 40 x 2 ml tubes	N/A -
096691	Block for 96-well ELISA plate	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Grant-Bio PMS-1000i Microplate Orbital Shaker



Regulated shaking of 2 or 4 microplates.
With adjustable shaking speed from 150 to 1200 rpm, the device is suitable for:

- for gentle agitation and prevents the liquid from being ejected from the plate;
- for more vigorous stirring, for effective aeration of the small surface area of each well.

➤**Horizontal shaking**

➤**Variable speed from 150 to 1200 rpm, 2 mm orbit (150 to 800 rpm with the 4 microplate tray)**

➤**Integrated timer with automatic shut-off**

➤**Low energy consumption**

➤**Can be used in a cold room or incubator**

➤**Applications: immunoassays, HTS, staining tests, DNA binding to magnetic silica beads**

Speed (rpm)	150 to 1200
Orbit (mm)	2
Dimensions (mm)	205 x 220
Total height (mm)	90
T°range (°C)	4 to 40
Plates capacity	2
Timer	1 min to 24 h

Cat. No.	Description	€
144206B	PMS-1000i Microplate Shaker	N/A -

Accessory

Cat. No.	Description	€
144207	4-microplate Tray	N/A -

Thermocell heating and cooling shaker

➤**Stirring speed: 300 to 1500 rpm**

➤**Timer**

➤**Supplied without block (to be ordered separately)**

➤**Shgaking range: 3 mm**

➤**Peltier effect**

➤**Silent operation**



Operating temperature (°C)	0 - 105
Control temperature	Amb. T° -14 °C to 100 °C
Timer	1 min. to 99 h 59 min
Temperature rise	≤ 12 min (from 20 °C to 100 °C)
Cooling rate	≤ 8 min (T° amb. to T° amb-10 °); 15 min (100 °C to T° amb-10 °C)
Dimensions L x W x H (mm) / Weight (kg)	328 x 166 x 249 / 8.5
Power supply	220 V - 50-60 Hz - 150 W
Cat. No.	**865025**
€	**N/A -**

Blocks

Cat. No.	Description	€
865002	Block for 40 x 1.5 ml microtubes	N/A -
865011	Block for 54 x 0.5 ml microtubes	N/A -
865012	Block for 96 x 0.2 ml microtubes	N/A -
865013	Block for 24 tubes ø 15 mm	N/A -
865015	Block for 40 x 2 ml microtubes	N/A -
865016	Block for 96-well microplates	N/A -
865017	Block for 26 x 0.5 ml microtubes and 24 x 1.5 ml microtubes	N/A -

Orbital Microplates Shakers

Shakers for 4 microplates.

- **Stainless steel tray with retaining springs**
- **Variable speed: 100 - 1400 rpm**
- **Timer: up to 99.5 minutes or continuous function**
- **Orbital shaker: 3 mm amplitude**
- **L x W x H (mm): 170 x 280 x 150**



Cat. No.	Description	€
096502	Shaker for 4 microplates	N/A -

Genie™ Orbital Microplate Mixer

- **For strong and uniform mixing of the contents of 96 or 384 well microplates at 750 to 3200 RPM**
- **Low 1 mm orbit for intense shaking**
- **Operates with 1-60 min timer or continuously**
- **Accepts most standard SBS microplates, including 384-well plates**
- **Can be used for 1, 4 or 8 plates**
- **Can be used in a cold room or incubator**
- **For the digital model programmable with pulse times from 0.1 sec. to 99 min.**





Model	Genie™Microplate Digital	Genie™ Digital Multi-microplate
Display	Digital	Digital
Speed	500 - 3000 RPM	500 - 3000 RPM
Timer	0 - 99 minutes or continuously	0 - 99 minutes or continuously
Vortex Orbit	1 mm diameter	1 mm diameter
Maximum capacity	1 SBS microplate	4 microplates or 8 with optional tray
Dimensions (D x W x H)	150 x 180 x 165 mm	335 x 240 x 165 mm
Weight	2.75 kg	3.7 kg
Cat. No.	**079128**	**079117**
€	**N/A -**	**N/A -**

Accessories

Cat. No.	Description	€
079069	Tray for Vortex Mixer Genie™ Multi-microplate	N/A -
079118	Kit for PCR plates	N/A -

Microplates Vortex Mixer

- **Compact vortex mixer**
- **Speed control or continuous mode**



Power supply/ power	85~265 VAC / 50/60 Hz / 20 W
Speed	From 0 - 1500 rpm
Amplitude	4.5 mm
Maximum load	7.5 kg
Dimensions (W x D x H) / Weight	150 x 260 x 80 mm / 3 kg

Cat. No.	Description	€
861013B	Vortex mixer for one microplate	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

TiMix Microplate Shakers large capacity



497005 with:
497006 y 497007

For shaking of various types of SBS format plates.
Wide choice of fixing systems for microplates of large capacity.

- **Model with digital and programmable display or Model with button controller**
- **Programmable model: 10 programmes**
- **To be equipped with a microplate tray**

Stirring	Orbital
Speed	10-400 rpm
Amplitude	3 mm
Timer	0 - 120 min.
Maximum capacity(kg)	5
Device dimension L x D x H (mm)	510 x 490 x 150

Cat. No.	Description	€
497004	TiMix 5 Microplate Shaker, button controller	N/A -
497005	TiMix 5 Microplate Shaker, controller with digital programmable display	N/A -

Accessories

CatNo.	Description	€
497006	Standard tray for 8 microplates	N/A -
497007	Additional tray for 8 microplates*	N/A -
497008	Tray with clamps for 8 stacked microplates	N/A -
497009	Tray with clamps for 24 stacked microplates	N/A -
497010	Tray with metal clamps for 48 stacked microplates	N/A -

* To be stacked on top of the standard tray

Orbital Genie Shaker



3 models
- With adherent tray;
- with individual clamps for flasks and bottles;
- universal bar for flasks, Erlenmeyer flasks, beakers.

- **Speed: 10 - 300 rpm with reversible speed**
- **Orbit: 35 mm**
- **Timer: 1 min to 99 hours with alarm or continuous**
- **Selection of the speed increase: 10 to 100 rpm/sec**
- **Maximum load: 12 kg**
- **Platform dimensions: 46 x 46 cm**
- **External dimensions 590 x 500 mm / Weight: 21 kg**

Cat. No.	Description	€
079084	Orbital Genie Shaker with Adhering plate	N/A -
079085	Orbital Genie Shaker with universal bars	N/A -
079086	Orbital Genie Shaker with clamps for flasks	N/A -

Accessories

Cat. No.	Description	€
079093	Double-sided adhesive - roll 25.4 mm x 1.5 m	N/A -
079094	Adheringmat 46 x 46 cm	N/A -
079095	Universal Clamp	N/A -

Clamps

Cat. No.	Description	€
079087	Clamps for 100 ml flask	N/A -
079088	Clamps for 125/125 ml flask	N/A -
079089	Clamps for 250 ml flask	N/A -
079090	Clamps for 500 ml flask	N/A -
079091	Clamps for 1000 ml flask	N/A -
079092	Clamps for 2000 ml flask	N/A -



Find accessories for universal platforms (clamps, racks, mats...) on dulis.nl

Mini-100 Orbital shaker

- Non-slip platform (maximum 2)
- Variable speed
- Stacking racks available as an option

Speed (rpm)	20 - 100
Amplitude (mm)	19
Platform dimensions (mm)	290 x 290
Maximum platform load (kg)	3
Dimensions (mm)	350 x 350
Weight (kg)	3.5
Cat. No.	**079149**
€	**N/A -**


079149


079164 x2

Accessory

Cat. No.	Description	€
079164	Stackable stand	N/A -

Mini-300 Orbital shaker

Available with 3 different models of platforms:
- universal platform with ratcheting clamps
- platform to be equipped with clamps
- platform with adhering mat

- Variable speed

Speed (rpm)	30 - 300		
Amplitude (mm)	19		
Platform dimensions (mm)	305 x 305		
Maximum platform load (kg)	3		
Dimensions (mm)	350 x 350		
Weight (kg)	10.25		
Platform model	Universal holder	Platform for clamps	Adhering tray
Cat. No.	**079151**	**079152**	**079153**
€	**N/A -**	**N/A -**	**N/A -**


079151

Accessories

CatNo.	Description	€
079178	Stacking tray	N/A -
079160	Universal ratcheting clamp	N/A -
079161	Adhering Mat	N/A -

Clamps

Cat. No.	Capacity	Maximum number of clamps	€
079087	100 ml	16	N/A -
079088	125/150 ml	16	N/A -
079089	250 ml	16	N/A -
079090	500 ml	9	N/A -
079091	1000 ml	5	N/A -
079092	2000 ml	3	N/A -

Universal anti-slip mat for stainless steel trays

- Alternative to using clamps on plate agitators
- To be placed on a stainless steel or anodised aluminium surface
- Maintains 4 litre Erlenmeyer flasks filled with 2 litres of medium and at a speed not exceeding 250 rpm
- Easily cleaned with alcohol
- Dimensions: 23 x 23 cm


047959

Cat. No.	Description	€
047959	Non-slip mat for stainless steel shaker tray 23 x 23 cm	N/A -

Anti-slip mats


Pre-cut Mat

Mat on a roll



- Ideal for holding flasks on the bench or for orbital shakers
- Withstands down to 45 °C
- Antimicrobials
- Latex-free

Pre-cut Mat

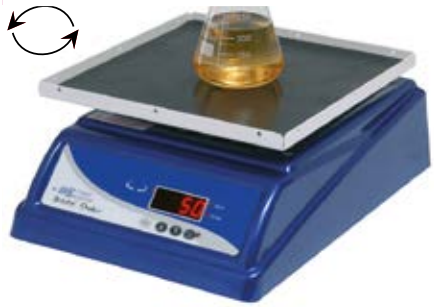
Dimensions	Blue	Red	Yellow	€
Ø 14 cm	178008	178009	178010	N/A -
Ø 19 cm	178011	178012	178013	N/A -
25 x 18 cm	178014	178015	178016	N/A -
38 x 45 cm	178017	178018	178019	N/A -

Mat on a roll

Dimensions	Blue	Red	Yellow	€
20 cm x 1 m	178020	178021	178022	N/A -
40 cm x 1 m	178023	178024	178025	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Orbital shaker



- Reversible orbital shaking
- Delivered with painted steel platform + 1 anti-slip mat
- Possibility to adapt a second platform
- With timer
- Orbit: 20 mm
- Timer from 0 to 999 minutes in 1 minute increments.
- Operation from ambient temperature to + 40 °C
- Voltage to be selected: 110 or 220 volts
- Blocks to be ordered separately

Model	MS-NOR-30
Speed (rpm)	0 - 200
Capacity (kg)	10
Dimensions (mm)/ Weight (kg)	300 x 310 x 130 / 7
Platform dimensions-shape (cm)	30 x 30
Cat. No.	**022057B**
€	**N/A -**

Accessories

Cat. No.	Description	€
022239	Stacking platform 30 x 30 cm with feet and smooth carpet	**N/A -**
022240	Dimpled mat 30 x 30 cm	**N/A -**

Orbit LS low speed orbital shaker



For dyeing and removing dye from gels. Supplied with a 30 x 30 cm platform covered with an anti-slip mat. Can be used in a cold room or incubator.

- Speed 3-60 rpm / increment: 10 mn
- Maximum load: 5 kg
- 20 to 120 min timer or continuous
- 19 mm circular orbit movement
- Temperature range: +4 °C to 70 °C
- Ext. dim. (W x D x H): E / weight: 6.6 kg
- Voltage 230V 50/60 Hz

Cat. No.	Description	€
096535B	Orbit LS low speed orbital shaker	**N/A -**

Digital Orbital Shaker





- Compact orbital shaker, for a maximum weight of 7.5 kg
- LCD display
- Digital speed and timer control
- Integrated timer or continuous operation
- PC control via RS232 interface
- Supplied with a bare tray to be completed with the holders

Power supply	85~265 VAC
Frequency - Power	50/60 Hz - 25 W
Speed -Amplitude	From 0 - 500 rpm - 10 mm
Programmable time	1 - 1199 min
Maximum load	7.5 kg
Dimensions (W x D x H) / Weight	430 x 360 x 106 mm / 8.8 kg

Cat. No.	Description	€
861019B	Orbita shaker SK-0330-PRO	**N/A -**

Accessories

Cat. No.	Description	€
861022	Lengthways 4 roller attachment for Erlenmeyer and bottles	**N/A -**
861024	Non-slip shaker base for cell culture	**N/A -**
861023	Clip fastening holder	**N/A -**
861110	Fastening clamp for 25 ml flask	**N/A -**
861111	Fastening clamp for 50 ml flask	**N/A -**
861063	Fastening clamp for 100 ml flask	**N/A -**
861064	Fastening clamp for 200/250 ml flask	**N/A -**
861065	Fastening clamp for 500 ml flask	**N/A -**

LSE Orbital Shaker



- 3 easily interchangeable platforms (available separately)
- Programmable or continuous
- Resistant to chemicals
- Easy to clean
- Suitable for use in cold rooms and incubators
- Delivered without platform

Speed (rpm)	100 to 1200
Orbit (mm)	3
Timer	30 sec to 99 min or continuous
Operating conditions	4 °C to 65 °C, 85% relative humidity
Max. load (kg)	2
Weight (kg)	7.3
Dimensions W x L x D (mm)	262 x 337 x 130
Warranty	5 years
Cat. No.	**006710**
€	**N/A -**

Platforms

Cat. No.	Description	€
0048010	Platform for 4 microplates	**N/A -**
0048011	Platform with anti-slip mat	**N/A -**
0048012	Roller platform for bottle or rack	**N/A -**

Grant-Bio PSU-10i Platform Orbital Shaker

For many laboratory applications:
shaking all shapes of flasks
(round, standard, Erlenmeyer, beakers, Petri dishes...).

- **Soft start of shaking**
- **Variable speed from 50 to 450 rpm**
- **10 mm orbit**
- **Integrated timer from 1 min to 96 hours with automatic shut-off**
- **For loads up to 3 kg**
- **Low energy consumption**
- **Suitable for use in cold rooms or incubators**

T° range (°C)	Amb. + 5 to 40
Timer increment	5 sec.
L x D x H (mm)	220 x 205 x 90
Voltage input (V)	12
Amperage input (A)	1





Cat. No.	Description	€
144210B	PSU-10i* orbital shaker	**N/A -**

* To be completed with a platform

Platforms

Cat. No.	Description	L x W (mm)	€
144214	Universal platform with fitting bars	270 x 195	**N/A -**
144215B	BIO-PP4 Platform with non-slip mat	230 x 230	**N/A -**
144216	Platform with clamps for 12 x 100 ml flasks or 150 ml beakers	250 x 190	**N/A -**
144217	Platform with clamps for 6 x 250 ml flasks or 400 ml beakers	250 x 190	**N/A -**
144741	Platform for 88 tubes max. ciameter 30 mm	275 x 205	**N/A -**





KM2 Orbital shaker with battery

- **Battery powered shaker**
- **40 hours run time, 10 hours charging time**
- **Supplied with an adhering platform**
- **Charger included**

Orbit (mm)	20
Speed (rpm)	5 to 220
Platform dimensions (mm)	200 x 295
Maximum load (kg):	2
Operating conditions	4 to 45 °C, 95% humidity
Battery	12 V/7 Ah
Ext. dimensions W x L x H (mm)	250 x 415 x 145
Charger power supply	100 - 240 V, 50/60 Hz
Weight (kg)	10.5
Cat. No.	**497031**
€	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

ClearLine® orbital shakers

- With classic platform or "Magic Clamp" magnetic platform (to be used with the classic platform, sold separately)
- Full range of orbital shakers: 4 models


060956CL


060965CL


060976CL


060954CL

Model	Mini orbital shaker	Orbital shaker	MP orbital shaker for microplates	Blotter orbital shaker
Max. shaking speed (rpm)	300	300	1500	70
Min. shaking speed (rpm)	50	30	200	3
Amplitude (mm)	19	19	3	19
Ext. dimension (cm)	28 x 27 x 13	28 x 33 x 7.5	28 x 27 x 12	35 x 30 x 15
Weight (kg)	5.5	11.5	5.5	5.5
Power supply	230 V, 50 - 60 Hz	230 V, 50 - 60 Hz	240 V, 50 - 60 Hz	230 V, 50 - 60 Hz
Erlenmeyer capacity: 125 / 250 / 500 ml	12 / 8 / 6	24 / 14 / 9	-	24 / 14 / 9 *
Erlenmeyer capacity: 1 / 2 l	4 / -	5 / 2	-	5 / 3 *
Number of microplates	-	4	4	-
"Magic Clamp" compatible	Yes	Yes	No	No
Supplied with	Classic shape-Tray + anti-slip mat 24 x 20 cm	Classic shape-Tray + anti-slip mat 33 x 30 cm	Plate-for 4 microplates	Classic-tray + Anti-slip mat 35 x 30 cm
Display	Digital	Touchscreen	Digital	Analog
Cat. No.	**060956CL**	**062819CL**	**060976CL**	**060954CL**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessories for Mini orbital shaker

Cat. No.	Description	€
060964B	Platformwith adjustable bars	N/A -
060957	MagneticMagic Clamp universal platform for flasks and tube racks 24 x 29.5 cm	N/A -

Accessories for orbital shaker

Cat. No.	Description	€
060968	Platformfor Erlenmeyer flask 5 x 500 ml	N/A -
060969	Platformfor Erlenmeyer flask 8 x 250 ml	N/A -
060970	Platformfor Erlenmeyer flask 12 x 125 ml	N/A -
060971	Platformfor 4 standard microplates	N/A -
060972	Universalspring platform	N/A -
060966	Universal Magic rack 35 x 30 cm for flasks and tube racks	N/A -

Accessories for Blotter orbital shaker

Cat. No.	Description	€
060955	Stacking Platform(with 4 feet, height 7 cm)	N/A -
060930	Platform extension kit(added height 3.2 cm)	N/A -

Magic Clamp accessories *

Cat. No.	Description	€
060962	Magnetic clamp for Erlenmeyer 50 ml	N/A -
060961	Magnetic clamp for Erlenmeyer 125 ml	N/A -
060960	Magnetic clamp for Erlenmeyer 250 ml	N/A -
060959	Magnetic clamp for Erlenmeyer 500 ml	N/A -
062647	Ajustableclamp for Erlenmeyer 125, 250, 500 ml	N/A -
060958	Magnetic clamp for 1 l Erlenmeyer	N/A -
060967	Magnetic clamp for 2 l Erlenmeyer **	N/A -
060963	Clamp rack for 30 x 15 ml and 20 x 50 ml tubes	N/A -

* Magic Clamp accessories can only be used with MagicClamp platforms, on compatible devices.
** Not compatible with the orbitalMini shaker (Cat.No. 060956CL)

Solaris SK2000 and SK4000 orbital shakers with intuitive touch screen

- Touch screen with clear display of speed and time
- Programmable protocols
- Alarm and operation history
- USB and Ethernet connection for data retrieval, program transfer, event history
- Triple Eccentric Heavy Duty Drive System
- Easy to remove platforms with rounded edges for easy cleaning
- Small footprint on the bench
- 2 Models Available: Solaris SK2000 or Solaris SK4000
- To be equipped with a universal platform and tube clamps or racks



Model	SK2000	SK4000
Orbital shaking	Yes	Yes
Shaking speed (rpm)	15 - 525	
Operating time	99 h 59 min (in 1 min increments) or continuous mode	
Max. load with platform and samples	25	43
Noise level at maximum speed dB (A)	62	
Interfaces	2 x USB-A 2.0, 1 x RJ45	
Dimensions L x W x D (mm)	47 x 37 x 15	65 x 58 x 18
Weight (kg)	20.9	75.1
Power supply	100–240 V, 50 / 60 Hz	
Cat. No.	**229112**	**229113**
€	**N/A -**	**N/A -**

Accessories for the solaris SK4000 orbital shaker

Cat. No.	Description	€
229121	Universal platform 18 x 30	**N/A -**
229122	Universal stacking platform 18 x 30	**N/A -**
229123	Assembly kit for stacking platform 18 x 30	**N/A -**
229124	Universal platform 36 x 24	**N/A -**

Accessories for the solaris SK2000 orbital shaker

Cat. No.	Description	€
229114	Universal platform 12 x 14	**N/A -**
229115	Universal stacking platform 12 x 14	**N/A -**
229116	Assembly kit for stacking platform 12 x 14	**N/A -**
229117	Universal platform 18 x 18	**N/A -**
229118	Universal stacking platform 18 x18	**N/A -**
229119	Assembly kit for stackable platform 18 x 18	**N/A -**
229120	Universal platform 18 x 24	**N/A -**

High capacity orbital shaker

- Designed for continuous use and heavy loads
- Delivered without platform



Speed (rpm)	20 - 300
Timer	30 sec to 99 min or continuous
Orbit (mm)	19
Maximum load (kg)	10
Operating temperature	4 °C to 65 °C
Dimensions W x D x H (mm)	389 x 427 x 158
Weight (kg)	21
Cat. No.	**096783**
€	**N/A -**

Platforms

Cat. No.	Description	€
096833	Platform with anti-slip mat	**N/A -**
096834	Universal platform with bar	**N/A -**
096835	Platform for flask clamp	**N/A -**

Clamps

Cat. No.	Description	€
096546	Clamp for Erlenmeyer flask 1000 ml	**N/A -**
096545	Clamp for Erlenmeyer flask 500 ml	**N/A -**
096832	Clamp for Erlenmeyer flask 2000 ml	**N/A -**
096543	Clamp for Erlenmeyer flask 125 ml	**N/A -**
096544	Clamp for Erlenmeyer flask 205 ml	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Grant-Bio PSU-20i multi-functional orbital and vibratory shaker



Find all the platforms on dulis.nl



- 3 modes: orbital, reciprocal orbital and vibrating
- Interchangeable and multi-level platforms
- Reciprocal orbital movement from 0 to 360° (30° increments)
- Vibration: 0 to 5° with 0 to 5 second pulses

Speed	20 - 250 rpm
Amplitude	20 mm
Programmable time	1 min. to 96 h
Maximum load	8 kg
Dimensions (W x D x H)	410 x 410 x 130 mm
Weight	14 kg
Power supply	12 V DC

Cat. No.	Description	€
144580	Orbital shaker PSU-20i	N/A -

MAJOR Linear Shaker



- Possibility to adapt a second platform
- Microprocessor control
- Delivered with a 30 x 30 cm platform
- Timer from 0 to 9999 minutes in 1 minute increments
- Coal-free motor
- Operating temperature: ambient to +40 °C
- Painted aluminium platform / painted steel housing

Speed (rpm)	5 - 100
Capacity (kg)	15
Amplitude (mm)	20
Platform dimensions (cm)	30 x 30
Dimensions (mm) / Weight (kg)	260 x 310 x 130 / 7
Cat. No.	**022062B**
€	**N/A -**

Accessories

Cat. No.	Description	€
022239	Stacking platform 30 x 30 cm with feet and smooth mat	N/A -
022240	Pin mat 30 x 30 cm	N/A -

Pro 30 Reciprocal Shaker



- Vigorous shaker
- Small footprint, suitable for use in cold rooms or incubators
- 4 types of platforms available
- 30 x 30 cm platform with anti-slip mat to be ordered separately

Speed	6 - 150 rpm
Timer	20 to 20 min or continuous
Increment	10 mn
Movement	linear 30 mm amplitude
Maximum load	5 kg
Temperature range	+4 °C to 70 °C
Ext. dimension (W x D x H)	25.5 x 32 x 16 cm
Cat. No.	**096537**
€	**N/A -**

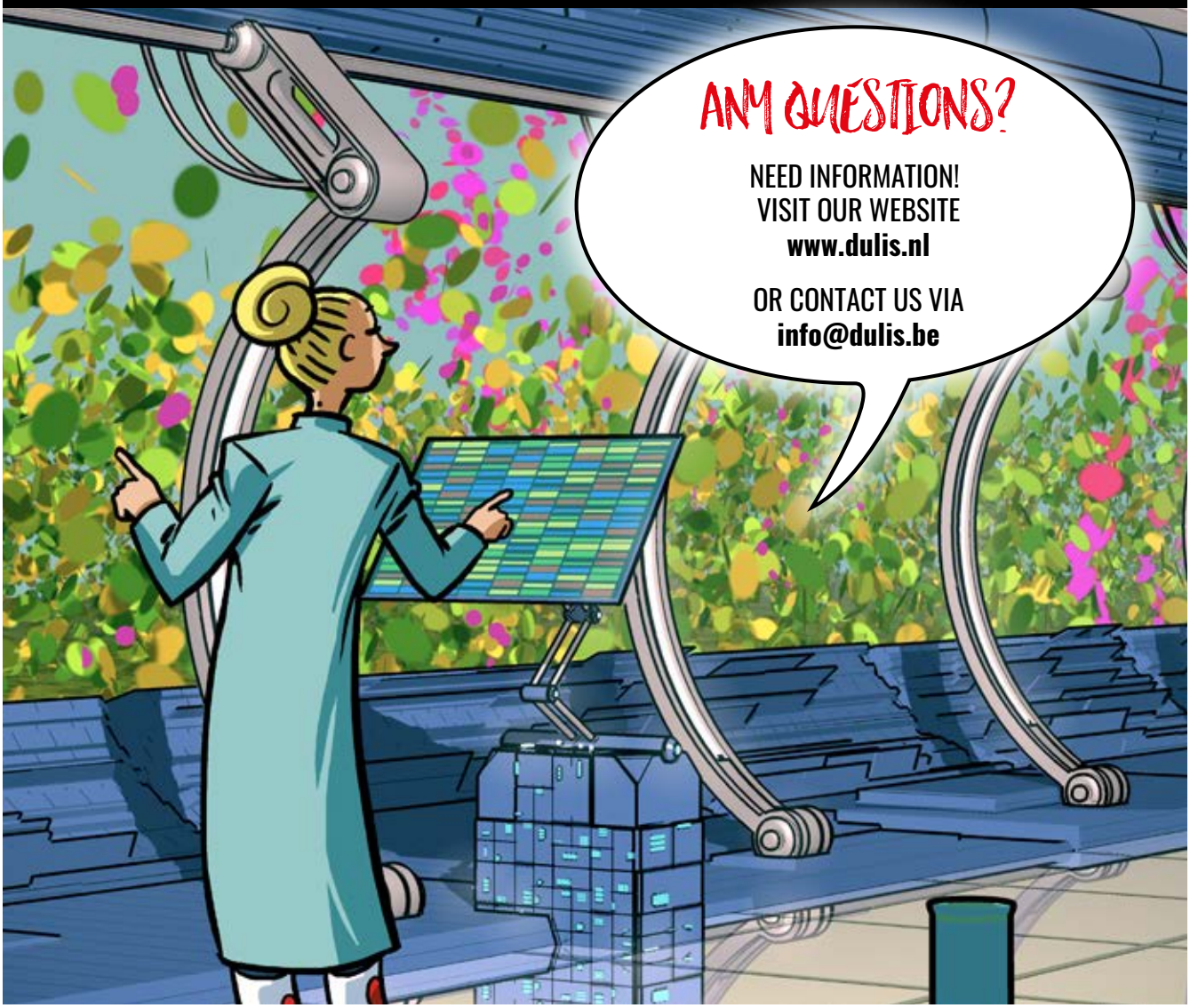
Accessories

Cat. No.	Description	€
096539	Flat platform, anti-slip mat	N/A -
096540	Double flat platform, anti-slip mat	N/A -
096541	Universal spring tray	N/A -
096542	Platform for flasks without clamps	N/A -

Clamps

Cat. No.	Flasks clamps	€
096543	125 ml (max load 16)	N/A -
096544	250 ml (max load 9)	N/A -
096545	500 ml (max load 5)	N/A -
096546	1 litre (max load 4)	N/A -

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Customer Care Coordinator.

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Do not hesitate to contact her at **+32 81 94 66 00** or by email **veronique.vandenbossche@dulis.be**



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Digital linear shaker



- Compact Reciprocal shaker, for a maximum weight of 7.5 kg
- LDC display, digital speed and timer control
- Wide range of combinations allowing the use of different types of glassware
- Integrated timer or continuous operation
- PC control via RS232 interface
- Supplied with a bare tray to be completed with the holders

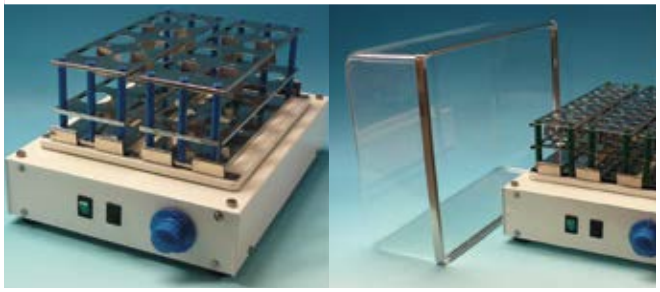
Cat. No.	Description	€
861020B	Reciprocal Shaker SK-L330-PRO	N/A -

Power supply	85~265 VAC
Frequency - Power	50/60 Hz - 25 W
Speed -Amplitude	100-350 rpm / 10 mm
Programmable time	1 min - 19 h 59 min
Maximum load	7.5 kg
Dimensions (W x D x H) / Weight	420 x 370 x 100 mm / 13 kg

Accessories

Cat. No.	Description	€
861022	Lengthways 4 roller attachment for Erlenmeyer and bottles	N/A -
861024	Non-slip shaker base for cell culture	N/A -
861023	Clip fastening holder	N/A -
861110	Fastening clamp for 25 ml flask	N/A -
861111	Fastening clamp for 50 ml flask	N/A -
861063	Fastening clamp for 100 ml flask	N/A -
861064	Fastening clamp for 200/250 ml flask	N/A -
861065	Fastening clamp for 500 ml flask	N/A -

Kahn Reciprocal Shaker



Works on timer or continuously.

Model	15 min.	60 min.
Speed (rpm) (for 1.2 kg load)	280	
Amplitude (mm)	25	
Timer (min)	15	60
Dimensions W x D x H (mm)	240 x 380 x 155	
Weight (kg)	5	
Cat. No.	024016	024017
€	N/A -	N/A -

Packs

Composition	Kahn shaker 15 min + lid + 3 racks of 30 tubes Ø 13.5 mm	Kahn shaker 60 min + 2 racks of 8 tubes Ø 33 mm	Kahn shaker 60 min + lid + 3 racks of 30 tubes Ø 13.5 mm
Cat. No.	024013	024014	024015
€	N/A -	N/A -	N/A -

Accessory

Cat. No.	Description	€
024018	Metacrylate safety lid	N/A -

Stainless steel tube racks

Cat. No.	Tube holding	Number of tubes	Tube Ø (mm)	€
024004	Vertical	30	13.5	N/A -
024005	Vertical	60	13.5	N/A -
024006	Vertical	24	16.5	N/A -
024007	Vertical	8	33	N/A -
024008	Vertical	8	35.5	N/A -
024009	Tilted	30	13.5	N/A -
024010	Tilted	60	13.5	N/A -
024011	Tilted	24	16.5	N/A -
024012	Tilted	8	33	N/A -



Everlast rocker shaker

- **Rocker with adjustable tilt angle, variable speed**
- **Optional additional tray with 4 wells, distance between the trays 8.5 cm**
- **Warranty: 5 years**



Everlast Rocker 247



Everlast Rocker 247 with additional tray

Speed (rpm)	3 to 80
Tilt angle	0 to 20 °
Tray Dimensions (cm)	40.5 x 30
External dimensions (cm)	40.5 x 33 x 15.25
Operating environment (C°)	From 0 to 65
Max. load (kg)	7
Weight (kg)	9
Power supply	50-60 Hz

Cat. No.	Description	€
060996	Everlast Rocker 247 with anti-slip rubber mat	**N/A -**
060997	Extra tray	**N/A -**

MAJOR rocker shaker

- **Microprocessor control**
- **delivered with a platform**
- **Timer from 0 to 9999 minutes in 1 minute increments**
- **Coal-free motor**
- **Operating temperature: ambient to +40 °C**
- **Painted aluminium platform / painted steel housing**
- **Possibility to adapt a second platform**
- **Power supply: 220 volts**



Model	MS-NRK-30
Speed (rpm)	5 - 100
Capacity (kg)	15
Stirring angle (°)	12
Dimensions (mm) / Weight (kg)	300 x 310 x 130 / 7
Platform dimensions (cm)	30 x 30
Cat. No.	**022061B**
€	**N/A -**

Accessories

Cat. No.	Description	€
022239	Stacking platform 30 x 30 cm with feet and smooth mat	**N/A -**
022240	Pin mat 30 x 30 cm	**N/A -**

Problot Rocker 25 shaker

- **Platform rocker shaker**
- **4 models with single or double platform**
- **Adjustable speed**
- **Fixed angle of 7°**
- **Suitable for use in cold rooms or incubators**
- **2 tray sizes: 26 x 20 cm or 30 x 30 cm**



Model	ProBlot Rocker 25 and 25D	ProBlot Rocker 25XL and 25XLD
Platform L x W (cm)	26 x 20	30 x 30
Speed	5 to 120 tilts/min	5 to 120 tilts/min
Mouvement	Rocking	Rocking
Rotation axis	Fixed 7°	Fixed 7°
Temperature range	+ 4 °C to 70 °C	+ 4 °C to 70 °C
Ext. dim. (W x D x H)	29 x 32 x 14.5 cm	32.5 x 36 x 14.5 cm
Weight	5.3 kg	5.3 kg
Power supply	230 V 50/60 Hz	230 V 50/60 Hz

Cat. No.	Description	€
096567	ProBlot 25 single platform 26 x 20 cm	**N/A-**
096568B	ProBlot 25D double platform 26 x 20 cm	**N/A-**
096571	ProBlot 25XL single platform 30 x 30 cm	**N/A-**
096572	ProBlot 25XLD double platform 30 x 30 cm	**N/A-**

Accessories

Cat. No.	Description	Pack unit	€
096564	Pin mat 30 x 30 cm for holding tubes	1	**N/A -**
096565	HOLDINGband	4	**N/A -**

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Rocker II shaker



Find all the accessories on dulis.nl



- Working temperature 4 °C to 40 °C
- Low voltage transformer
- For tubes, vials, microplates
- Supplied with a non-slip mat
- Adjustment of stirring angle and speed
- Thin connection cable designed to pass through incubator joints
- Warranty: 2 years

Tilt angle / Speed adjustable	0 ° to 20 ° / 3 to 25 rpm
Dim. without platform L x W x H (mm)	191 x 178 x 127
Dim. with platform L x W x H (mm)	305 x 305 x 178
Net weight (kg) / Shipping weight (kg)	3.90 / 5.90
Height (mm) / Weight (kg) of tray	63 / 0.70
Power supply	12V DC, 0.5 A via 115/230 V AC
Recommended max. weight (kg)	2.70
Cat. No. complete shaker with tray	**215018**
€	**N/A -**

Rocker shakers 35 EZ



- Manually adjustable tilt angle
- Adjustable timer and speed
- Supplied with anti-slip mat
- Available in single or double tray versions

Tray	Single	Double
Speed (rpm)	10 to 120	
Timer	10 to 120 minutes or continuos	
Maximum load (kg)	5	
Tilt	Adjustable to ± 20°	
Operating temperature	-10 °C to 70 °C	
Power supply	230 V	
Dimensions W x D x H (cm)	36 x 36 x 17	36 x 36 x 26
Weight (kg)	6.57	7.8
Cat. No.	**096785**	**096786**
€	**N/A -**	**N/A -**

BenchBlotter™ Rocker shaker



Tilt angle	±8 °
Platform size (mm)	300 x 300
Working Area	Anti-slip mats
Load capacity	3.2 kg
Working temperature	+4 °C to +65 °C
Dimensions (mm)	340 x 300 x 120
Weight (kg)	3
Warranty	2 years
Power supply	230 VAC 50 Hz 0.2 A

Cat. No.	Description	€
060903	Rocker BenchBlotter™ + 1 platform with anti-slip mat	**N/A -**

- Optimises blot washing, gel staining and destaining
- Gentle shaking
- Shaking 10 rpm, angle ± 8°
- Compact, can be used in incubator or cold room
- Optional: an additional stackable platform with an anti-slip mat or mat with grooves

Options

Cat. No.	Description	€
060904	Stacking platform 300 x 300 mm anti-slip mat	**N/A -**
060905	Stacking platform 300 x 300 mm grooved mat	**N/A -**
060906	Anti-slip mat 300 x 300 mm	**N/A -**
060907	Pin mat 300 x 300 mm	**N/A -**

Movil-Tub Rocking shaker



- Shaker with tilting tray and removable silicone plate with anti-slip grooves
- Especially recommended for haematology, chemistry and microbiology
- Tube Capacity: 15 (from ø x W to 20 x 100 mm)
- H x L x D: 100 x 370 x 120 mm / Weight: 2 kg
- Speed: 15 rpm / tilt angle: 48 °
- Consumption: 4 W

Cat. No.	Description	€
068564	Tilting Mixer Shaker Movil-Tub	**N/A -**

LSE Rocker Shakers

- **2 models: single or double platform**
- **Adjustable speed**
- **Fixed angle at 7°**
- **Can be used in a cold room or incubator.**

Model	Simple platform	Dual platform
Speed (rpm)	2 - 60	
Timer	0 to 2 h or continuos	
Stirring angle	7 °	
Maximum load (kg)	5	
Working temperature	4 - 70 °C	
Platform dimensions L x W (mm)	30 x 30	
Ext. dim. L x D x H (mm)	325 x 360 x 145	
Weight (kg)	5.3	5.8
Cat. No.	**006704**	**006706**
€	**N/A -**	**N/A -**



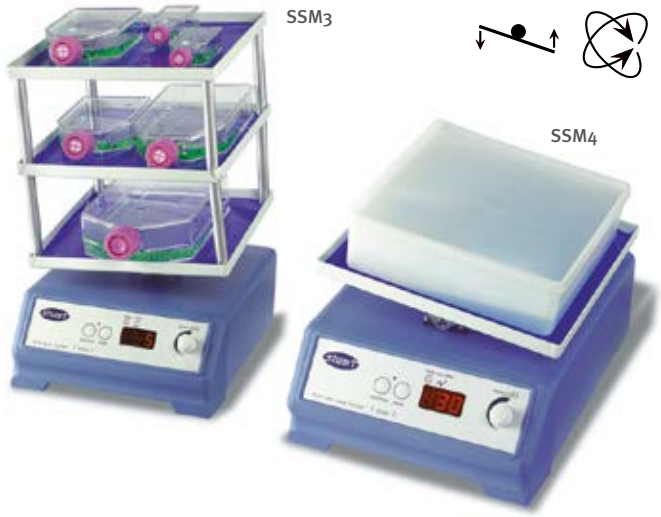
Stuart SSM3/SSM4 Rocker or 3D mini Shaker

For gentle shaking. Choice of two models:
- model SSM3: 3D shaking for all biotechnology applications (DNA extraction, cell washing etc.); easily adjustable shaking angle for optimised shaking;
- model SSM4: rocking type motion for shaking culture flasks or Petri dishes..

The two models are equipped with an anti-slip mat, speed regulator and digital timer. Optional system with three shelves to increase the shaking capacity

- **Very small footprint**
- **Digital timer and stirring speed**
- **Optional shelves to increase capacity**

Model	SSM3	SSM4
Shaking type	3D	Rocker
Tray Dimensions (L x W)	235 x 235 mm	235 x 235 mm
Speed	5 to 70 rpm	5 to 70 rpm
Shaking angle	3 to 12°	7°
Ajustable angle	Yes, by hand	No
Maximum load	3 kg	3 kg
Ext. dimension (L x W x H) mm	240 x 300 x 165	240 x 300 x 150
Cat. No.	**090786**	**090788**
€	**N/A -**	**N/A -**



Accessory

Cat. No.	Description	€
090787	Shelf system (2 trays for 8 feet)	N/A -

Stuart SSL3 and SSL4 3D shakers or rockers

For a gentle stirring.
Choice of two models:
- model SSL3: 3D shaking for all biotechnology applications (DNA extraction, cell washing etc.); easily adjustable shaking angle for optimised shaking;
- model SSL4: rocking type motion for shaking culture flasks or Petri dishes..

The two models are equipped with an anti-slip mat, speed regulator and digital timer.

- **Large tray ideal for all types of shaking**
- **Digital timer and stirring speed**
- **Optional shelves to increase capacity**

Model	SSL3	SSL4
Shaking type	3D	Rocker
Tray Dimensions (L x W)	355 x 355 mm	335 x 355 mm
Shaking speed	5 to 70 rpm	5 to 70 rpm
Shaking angle	3 to 12°	7°
Ajustable angle	Yes, by hand	No
Maximum load	10 kg	10 kg
Ext. dimension (L x W x H) mm	360 x 420 x 170	360 x 420 x 160
Cat. No.	**090775**	**090774**
€	**N/A -**	**N/A -**



Accessory

Cat. No.	Description	€
090776	Shelf system (2 trays for 8 feet)	N/A -

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Roller shaker for tubes and bottles



- Adjustable speed, digital display
- Continuous operation or timer up to 999 min
- Corrosion and wear resistant construction
- Stacking bar kit, to stack two rollers
- Optional remote control for easy incubator operation
- Warranty: 2 years

Shaking speed (rpm)	1 - 80
Maximum bottle diameter (mm)	120
Number of rollers	6 supplied - up to 11
Rollers dimensions (Ø x W)(mm)	28 x 259
Maximum load (kg):	6.5
Dimensions (W x L x H) (mm)	378 x 360 x 72
Weight (kg)	6.5
Cat. No.	**079581**
€	**N/A -**

Accessories

Cat. No.	Description	Units/ box	€/ box
079586	Additional rollers	2	**N/A -**
079582	Rings for 50 ml tubes	20	**N/A -**
079583	Rings for 15 ml tubes	20	**N/A -**
079584	Stacking bar kit	4	**N/A -**
079585	Remote control	1	**N/A -**

Movil-Rod Roller and tilt mixer



- 7-roller shaker
- Double rotation and rocking movement
- Very good homogenisation by sinusoidal probe
- For tubes up to 35 mm in diameter
- H x L x D: 98 x 349 x 265 mm
- Speed: 10 to 80 rpm
- Roller length: 24 cm
- Consumption: 12 W
- Weight: 3.6 kg



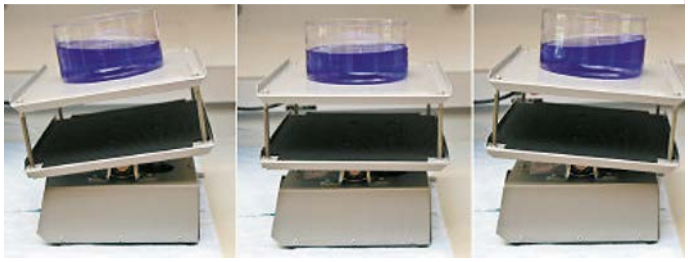
Cat. No.	Description	€
068625	MOVIL-ROD Roller and tilt mixer	**N/A -**



RockerTape Shaker Adhesive

- For use with rockers, shakers, incubators
- Do not exceed 300 rpm shaking
- RockerTape roll: 38 mm x 6 m, 1 roll
- RockerTape sheets: 30 x 30 cm, 3 sheets/package

Cat. No.	Description	€
053454	RockerTape sheets	N/A -



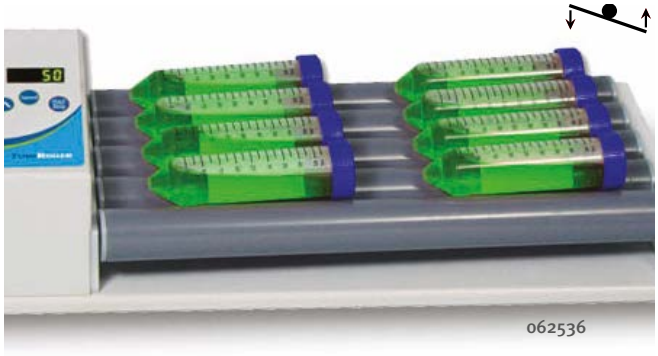
TubeRoller shakers

Tube shakers with simultaneous movement: rotation of the rollers and tilting of the platform.

- Tilting movement with wave effect, +/- 5° inclination with each rotation of the rollers
- Fixed roller speed of 38 rpm
- For tubes and bottles between 8 and 200 mm in diameter

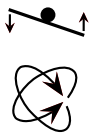


Model	5 roll	10 roll
Rotation speed	38 rpm, fixed, +/- 10 %	
Movement	Simultaneous Roll & Tilt, +/- 5°	
Power supply	230 V , 50-60 Hz	
External dimensions (mm)	450 x 180 x 90	450 x 360 x 90
Weight (kg)	5	10
No. of tubes 12 x 75 mm	12	26
No. of tubes 16 x 100 mm	8	18
No. of tubes 16 x 125 mm	8	18
No. of tubes 15 ml	8	18
No. of tubes 50 ml	8	18
Cat. No.	**062535**	**062536**
€	**N/A -**	**N/A -**



2D and 3D variable speed rocker shakers

- Stainless steel tray
- Adjustment of stirring angle and speed
- Suitable for use in cold rooms or incubators
- Warranty: 2 years



Model	Model 2D	Model 3D
Operating temperature	+ 4 °C to 65 °C	+ 4 °C to + 65 °C
Speed	2 to 30 rpm	2 to 30 rpm
Tilt angle	Variable +/-0 ° to +/-30°	Variable +/-0 ° to +/-30°
Maximum load (kg)	2.3	2.3
L x W (mm) tray	350 x 300	300 x 300
Weight (kg)	3	3
Power supply	230 V AC, 50 Hz, 0.2 A	
Supplied with	Classic Platform + anti-slip mat	Classic Platform + anti-slip mat and pin mat
Cat. No.	**060927**	**060928**
€	**N/A -**	**N/A -**



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3D Benchwaver shaker



- **Undulating, 3-dimensional motion**
- **Adjustable speed and tilt angle**
- **Supplied with a non-slip mat**
- **Can be completed with a second stacking tray and a dimpled tube mat (optional)**

Load capacity (kg)	9
Speed (rpm)	5 to 105
Tilt angle	0 to 10 °
Tray dimensions (mm)	343 x 330
Operating environment (°C)	+2 to +60 °C
Power supply	240 V, 50-60 Hz, 50 W
Dimensions W x D x H (mm)	330 x 343 x 247.5
Weight (kg)	5.5
Cat. No.	**062648**
€	**N/A -**


With additional stackable tray


Dimpled mat for tubes

Accessories

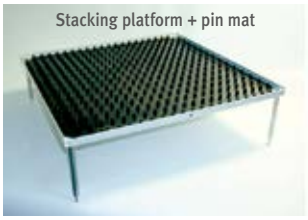
Cat. No.	Description	€
062691	Additional stackable tray	**N/A -**
062692	Dimpled mat for tubes	**N/A -**

BlotBoy™ Lab Bench Rockers



- **Optimised speed and tilt angle for blotting, washing and staining**
- **Additional stacking platform, sold separately**
- **Can be used in incubators or cold rooms**
- **Warranty: 2 years**
- **Comes with classic platform and non-slip mat**

Model	Mini BlotBoy™	BlotBoy™
Speed / Stirring angle	10 rpm / ± 8°	10 rpm / ± 8°
External dimensions (mm)	270 x 190 x 200	300 x 300 x 210
Tray dimensions (mm)	270 x 190	300 x 300
Load capacity (kg)	1.6	1.6
Working temperature	+ 4 °C to 65 °C	+ 4 °C to 65 °C
Power supply	230V, 50 Hz, 0.2A	230V, 50 Hz, 0.2A
Cat. No.	**060908**	**060914**
€	**N/A -**	**N/A -**


Stacking platform + pin mat


Stackable platform + non-slip mat

Accessories

	Cat. No.	€	Cat. No.	€
Stackable platform + non-slip mat	**060910**	**N/A -**	**060904**	**N/A -**
Stacking platform + pin mat	**060911**	**N/A -**	**060905**	**N/A -**
Non-slip mat	**060912**	**N/A -**	**060906**	**N/A -**
Pin mat	**060913**	**N/A -**	**060907**	**N/A -**

Grant-Bio PMR-30 platform rocker shaker

- Compact shaker
- Balance movement with fixed angle of 7°
- Variable speed from 5 to 30 rpm
- Integrated timer
- Low energy consumption
- Can be used in cold rooms or incubators
- Applications: gel staining and destaining, antibody staining, washes, hybridisations, immuno precipitations, Southern blots, Western blots, in situs.



Cat. No.	Description	€
144201	PMR-30 Platform Rocker Shaker	N/A -

Speed (rpm)	5 to 30
Tilt angle	7 °
Operating T° (°C)	4 to 45
Max. load (kg)	1
Timer	1 min to 24 h
Timer increment	10 sec
L x D usable area (mm)	215 x 215
L x D tray (mm)	238 x 238
L x D motor case (mm)	220 x 205
Total height (mm)	110
Voltage input (V)	12
Current input	CD
Amperage input (A)	0.5



144203

Accessory

Cat. No.	Description	€
144203	Pin mat	N/A -

Grant-Bio PS-3D platform shaker

- Compact shaker
- 3D movement with a fixed angle of 7°
- Variable speed from 5 to 60 rpm
- Low energy consumption
- Suitable for use in cold rooms or incubators
- Applications: gel staining and destaining, antibody staining, washes, hybridisations, immuno precipitations, Southern blots, Western blots, in situs.

Speed (rpm)	5 to 60
Tilt angle	7 °
Operating T° (°C)	4 to 45
Max. load (kg)	1
L x D tray (mm)	215 x 215
L x D motor case (mm)	85 x 150
Total height (mm)	100
Voltage input (V)	12
Current input	CD
Amperage input (A)	0.5



Cat. No.	Description	€
144204	PS-3D Platform Shaker	N/A -

Accessory

Cat. No.	Description	€
144203	Pin mat	N/A -

Grant-Bio PS-M3D multi-functional shaker

Multi-functional 3D shaker:
- 3D rotation with a variable speed from 1 to 100 rpm;
- Reciprocal 3D shaker, with partial or total rotation of the plate from 1° to 360°
- shaker - vibrator, angle from 1 to 6°, with pulses from 1 to 5 seconds.

All these modes can be used in continuous mode or managed by the timer. Possibility to generate programs combining different stirring modes sequentially.

- Very compact
- Variable speed from 1 to 100 rpm
- Low energy consumption
- Can be used in a cold room or incubator

Applications

- Gel staining and destaining
- Antibody staining
- Washes
- Hybrids
- Immunoprecipitation
- Southern Blots
- Western Blots
- In situ fixings

Tilt angle	7°
ø orbit (mm)	22
Orbital mode	
Speed (rpm)	1 to 100
Timer (sec)	1 to 250
Reciprocal mode	
Shaking angle	1 to 360°
Timer (sec)	0 to 250
Vibration mode	
Shaking angle	1 to 6°
Timer (sec)	1 to 5
Number of cycles	1 to 125
Operating T° (°C)	4 to 45
Max. load (kg)	1
L x D usable area (mm)	215 x 215
L x D tray (mm)	238 x 238
L x D motor case (mm)	225 x 170
Total height (mm)	125



Cat. No.	Description	€
144205	PS-M3D Multi-Function Rotator	N/A -

Accessory

Cat. No.	Description	€
144203	Pin mat	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Minimixer™ and Biomixer™3D Shakers



- Pin mat ideal for centrifuge tubes or haemolysis tubes
- For use in incubators and cold rooms
- Supplied complete with platform and pin mat
- Additional platform available (sold separately)
- 2 year warranty

Model	MiniMixer™		BioMixer™	
Speed / Tilt angle	20 rpm / ± 20 °		20 rpm / ± 20 °	
Dimensions (mm) L x W x H	270 x 190 x 200		300 x 300 x 210	
Tray (mm) L x W	270 x 190		300 x 300	
Load capacity (kg)	2		2	
Operating temperature	+4 °C to 65 °C		+4 °C to 65 °C	
	Cat. No.	**€**	**Cat. No.**	**€**
Shaker with classic platform + pin mat	**060909**	**N/A -**	**060915**	**N/A -**
Stacking platform + anti-slip mat	**060910**	**N/A -**	**060904**	**N/A -**
Stacking platform + pin mat	**060911**	**N/A -**	**060905**	**N/A -**
Anti-slip mat	**060912**	**N/A -**	**060906**	**N/A -**
Pin mat	**060913**	**N/A -**	**060907**	**N/A -**

thermoscientific

Digital rockers, 3D or orbital shakers

- Digital display of parameters
- Feedback control with PID
- Continuous or timer operation
- For use in incubators (without CO_2), chambers and refrigerators
- Warranty: 2 years



Model	Rocker	3D	Orbital	Orbitalμ for microplates
Rotation speed (rpm)	1 to 70	5 to 120	50 to 500	150 to 1200
Accuracy (rpm)	± 2 rpm	± 2 rpm	± 2 %	± 2 rpm
Timer	Continuous or up to 99h 59min			
Tilt angle	1° to 15°	1° to 12°	-	-
Orbit diameter (mm)	-	-	10	2.5
Maximum load (kg):	4.5	9.8	4.5	4
Dimensions (W x L x H) (mm)	390 x 292 x 206	383 x 295 x 224	383 x 284 x 130	383 x 260 x 145
Tray dimensions (W x L) (mm)	322 x 282	316 x 276	310 x 284	275 x 235
Weight (kg)	13.5	13.5	14.4	12.8
Composition	Platform, anti-slip pin mat and 6 fastening strips included		Universal platform included	Platform for 4 microplates included
Cat. No.	**229199**	**229200**	**229202**	**229201**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessories for shakers

Cat. No.	Description	Rocker	3D	Orbital	Orbital for microplates	€
229216	Platform with anti-slip mat			*		**N/A -**
229219	Platform for 6 microplates				*	**N/A -**
229208	Universal platform			*		**N/A -**
229204	Anti-slip mat 322 x 282 mm	*	*			**N/A -**
229205	Anti-slip pin mat 322 x 282 mm	*	*			**N/A -**
229206	Elastic band (6 units)	*	*			**N/A -**
229215	Adhesive Mat 14 x 14 cm			*		**N/A -**
229207	Universal attachment			*		**N/A -**
229209	Clamp for 50 ml flask			*		**N/A -**
229210	Clamp for 100/125 ml flask			*		**N/A -**
229211	Clamp for 250 ml flask			*		**N/A -**
229212	Clamp for 500 ml flask			*		**N/A -**
229213	Clamp for 1 l flask			*		**N/A -**
229214	Clamp for 2 l vial			*		**N/A -**
229220	Holder for 50 tubes 1.5 ml			*	*	**N/A -**
229221	Holder for 40 tubes 15 ml			*	*	**N/A -**
229222	Holder for 21 tubes 50 ml			*	*	**N/A -**

GyroMini Twister 3D mini-shaker

- 3D shaker
- Fixed angle
- Can be used in cold chamber
- deal for staining gels, washing blotting membranes, sample homogenisation



Speed	24 rpm
Mouvement	3D
Rotation axis	Fixed 20°
Temperature range	+ 4 °C to + 40 °C
Ext. dimension (W x D x H)	24.1 x 17.15 x 15.24 cm
Cat. No.	**096566**
€	**N/A -**

Gyro Twister 3D Shaker

- 3D shaker
- 2 models: fixed angle or adjustable angle
- Can be used in cold chamber
- Supplied with a non-slip platform
- Ideal for staining gels, washing blotting membranes, sample homogenisation



Rotation axis	Ajustable +/- 10°
Speed	3-60 rpm
Timer	20 to 20 min or continuous
Mouvement	3D
Temperature range	+ 4 °C to 70 °C
Ext. dim. (W x D x H)	33 x 35.2 x 21 cm
Cat. No.	**096560**
€	**N/A -**

Accessories

Cat. No.	Description	Pack unit	€
096561	Stacking platform 30 x 30 cm with hardware	1	**N/A -**
096562	Platform 40 x 40 cm with anti-slip mat	1	**N/A -**
096563	Platform 50 x 50 cm with anti-slip mat	1	**N/A -**
096564	Pin mat 30 x 30 cm for holding tubes	1	**N/A -**
096565	Elastic Lashing	4	**N/A -**

Enduro™ 3D Mini-Mix™Shaker

Speed	18 rpm
Maximum load	0.8 kg
Ambient t° range	4 to 65 °C
L x D x H (mm)	203 x 178 x 105
Power, W	120 V – 60 Hz
Cat. No.	**096615**
€	**N/A -**

- For blotting and staining gels
- Fixed and optimised stirring speed and angle
- 3D movement
- To be completed by blot boxes with the dimensions of the classic gels:
  - 3 - 5 ml for mini blot box 9.1 x 6.6 cm
  - 6 - 10 ml for blot box 11.7 x 8.9 cm



Blot boxes

Cat. No.	Description	€ 10 units
096616	Mini blot box - 9.1 x 6.6 cm	**N/A -**
096618	Blot box - 11.7 x 8.9 cm	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

ClearLine®rotary shaker



- Adjustable stirring speed and angle
- Sequential, reversible rotation (rotation up to 360 °C and then reversal)
- Can be used in incubators
- Warranty: 2 years
- Clips with anti-slip coating

3 carousels included:
- 48 x 1.5 ml (for tubes Ø 10 - 14 mm)
- 20 x 15 ml (for tubes Ø 15 - 20 mm)
- 12 x 50 ml (for tubes Ø 25 - 30 mm)

Speed	1 - 40 rpm
Tilt	variable 0 - 90°
Capacity	12 x 50 ml, 20 x 15 ml, 48 x 2 ml
Timer	Continous / 1 seconde to 9 heures
Operating temperature	+ 4 °C - + 60 °C
Dimensions (mm)	21 x 27 x 32
Weight (kg)	3.2
Power supply	100V - 240V; 50 - 60 Hz; 25W
Cat. No.	**062646CL**
€	**N/A -**

MX-RD-E Vertical Carousel Rotator



- Compact
- Can be used in incubators
- Tube adapters included

Capacity	60 microtubes 1.5 ml 16 centrifuge tubes 15 ml 8 centrifuge tubes 50 ml
Tilt angle	90 °
Shaking speed (rpm)	0 - 80
Operating temperature	5 to 40 °C
Operating RH %	Up to 80
Dimensions W x D x H (mm)	300 x 220 x 310
Weight (kg)	2
Power supply	100-240 V, 50/60 Hz, 20 W
Protection class	IP 21
Cat. No.	**861069**
€	**N/A -**

Tube Rotator with Carousel



- With microprocessor control
- Digital display
- Adjustable speed
- 5 optional carousels
- Timer and countdown timer
- 2 year warranty
- Supplied with carousel for 14 tubes from 27 to 34 mm

Speed	4 - 80 rpm
Carousel angle	90 - 180 °
Timer	Up to 99 hours and 59 minutes and automatic switch-off
Power supply	19.4 V DC, 474A via adapter 100-240 volts AC

Cat. No.	Description	€
215130	Drum shaker + carousel for 14 tubes 50 ml	**N/A -**

Carousels

Cat. No.	Description	€
215131	Carousel for 46 tubes 9 - 11 mm	**N/A -**
215132	Carousel for 28 tubes 14-18 mm	**N/A -**
215133	Carousel for 14 tubes 27 - 34 mm	**N/A -**
215134*	Carousel for 63 culture tubes 18.5 mm	**N/A -**
215135*	Carousel for 63 culture tubes 14 mm	**N/A -**

* For tubes in horizontal position

Revolver Rotator



With standard holder for 36 microtubes



With holder for 50 ml tubes

- 360° revolution
- Adjustable angle from 0 - 90°
- Interchangeable tube holders
- Suitable for use in cold rooms and incubators

Capacity	36 x 1.5/2 ml tubes or 6 x 50 ml tubes
Speed	20 rpm
Ambient temperature range	+ 4 °C - 65 °C
Maximum load	0.8 kg
Dimensions (LxDxH)	23.9 x 12.7 x 15.24 cm
Weight	2 kg
Power	230 V 50/60 Hz

Cat. No.	Description	€
096619	Shaker with holder for 36 x 1.5 or 2 ml microtubes	**N/A -**
096620	Holder for 10 x 15 ml tubes and 16 x 5-7 ml tubes	**N/A -**
096621	Holder for 6 x 50 ml tubes	**N/A -**

Intelli-Mixer RM-2 blotter and vortex mixer

- 3 models: S (225 mm rod), M (250 mm rod), L (330 mm rod)
- For 0.5 to 50 ml tubes
- Rotation speed: 1 to 99 rpm
- 2 vortex intensities
- 2 free programmes
- Flash memory for storing personal data
- Numerous tube holders

Cat. No.	Description	€
065500	Intelli-Mixer RM-2 L	N/A -
065509	Intelli-Mixer RM-2 M	N/A -
065510	Intelli-Mixer RM-2 S	N/A -



Rods-racks

For	RM-2 S			RM-2 M			RM-2 L		
Tube ø (mm)	Tubes No.	Cat. No.	€	Tubes No.	Cat. No.	€	Tubes No.	Cat. No.	€
8 - 11	28	065515S	N/A -	32	065515M	N/A -	44	065504	N/A -
13	24	065514S	N/A -	28	065514M	N/A -	40	065503	N/A -
16	14	065513S	N/A -	16	065513M	N/A -	20	065502B	N/A -
30	8	065512S	N/A -	10	065512M	N/A -	14	065501	N/A -
30***	6	065518-S	N/A -	6	065518-M	N/A -	12	065507	N/A -
Combined**	-	065517-S	N/A -	-	065517-M	N/A -	-	065506	N/A -
Platform rocking	-	065519-S*	N/A -	-	065519-M*	N/A -	-	065508*	N/A -

065512M



065507



* Rocking platform dimensions: 175.5 x 170 mm (065519S); 203.5 x 170 mm (065519M) and 79.5 x 170 mm (065508).
** 065506: mixed rack for 16 x 8-11 mm tubes, 12 x 13 mm tubes, 4 x 16 mm tubes, 2 x 30 mm tubes;
Cat. No. 065517S: mixed rack for 8 x 8-10 mm tubes, 4 x 13 mm tubes, 4 x 16 mm tubes, 2 x 30 mm tubes;
Cat. No. 065517M mixed rack for 8 x 8-10 mm tubes, 8 x 13 mm tubes, 4 x 16 mm tubes, 2 x 30 mm tubes.
*** Rack with tubes in horizontal position.

ClearLine® programmable rotary shakers

- Advanced programming, with a wide choice of rotation modes
- 360° rotation, complete or interrupted by pauses and mixing intervals
- Suitable for use in cold rooms and incubators
- Optional platform for rocker function

Model	Rotary shakers	Mini Rotary shaker
Speed (rpm)	1 - 80	
Stirring angle	Up to 360°	
Accessories included	5 racks for 6 tubes 1.5 ml 8 racks for 1 tube 15 ml 2 racks for 1 tube 50 ml	2 racks for 6 tubes 1.5 ml 2 racks for 1 tube 15 ml 2 racks for 1 tube 50 ml
Timer	1 s to 99 h 59 min or continuou	
Operating temperature	+ 2 °C to + 70 °C	
Dim. (W x D x H) (mm)	410 x 137 x 199	290 x 137 x 199
Weight (kg)	2.27	1.8
Power supply	100 - 240 V, 50 - 60 Hz, 3 A	
Cat. No.	062649CL	062650CL
€	N/A -	N/A -



Adapters

Cat. No.	For tubes (ml)	For Ø tube (mm)	Tubes/ Adapters	Max number of adapters		Shaking type	Units/ cardboard box	€ / cardboard box
				Rotary shaker	Mini Rotary Shaker			
062651	1.5	10-13	6	16	10	Double position	2	N/A -
062652	15	16-17	1	22	10	Vertical	2	N/A -
062653	50	28-30	1	12	6	Vertical	2	N/A -
062654	15	16-17	6	2	1	Horizontal	1	N/A -
062655	50	28-30	6	2	1	Horizontal	1	N/A -

Accessories

Cat. No.	Description	€
062656	Rocking platform size 152 x 254 mm	N/A -
062657	Rocking platform size 152 x 127 mm	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

MiniLabroller Rotary shaker



Depending on the accessories, the MiniLabroller may contain:
- 36 x 1.5 or 2 ml microtubes;
- 10 x 15 ml tubes ø 15-17 mm;
- 12 x ø 12 - 13 mm tubes;
- 6 x 50 ml tubes.

Supplied with holder for 36 microtubes 096577 and power adapter.

- **Simple and versatile**
- **Operates in vertical, horizontal or 45° position, depending on the placement of the rack and its holders**
- **Low bench space requirement**
- **Can be used in cold storage at 4 °C or in incubators up to 40 °C**

Speed	20 rpm
Maximum load	0.8 kg
Temperature range	+4 °C to 40 °C
Ext. Dim. (W x D x H)	21.3 x 10.2 x 12.6 cm
Weight	1.8 kg
Voltage	230 V - 50 / 60 Hz

Cat. No.	Description	€
096576	MiniLabroller with rack for 36 x 1.5 - 2 ml microtubes	**N/A -**
096577	Rack for 36 x 1.5 ml microtubes	**N/A -**
096578	Rack for 10 x 15 ml tubes and 12 x 5 ml tubes	**N/A -**
096579	Rack for 6 x 50 ml tubes	**N/A -**

Tube Revolver Rotary shaker



- **Interchangeable drums for different tube sizes**
- **Small dimensions**
- **Adjustable drum angle from 0 to 90°**
- **Ready to operate, maintenance-free motor**
- **More efficient agitation with the "oscillation" mode (oscillation every 40° in the rotation cycle)**
- **Warranty: 2 years**

Rotation speed (rpm)	10-40
Operating temperature	4 °C - 60 °C
Dimensions L x W x H(mm)	225 x 154 x 195
Weight (kg)	1.2
Power (W / V / Hz)	6 / 100-240 / 60
Drums included	2 drums 10/15 ml 2 drums 5/7 ml 2 drums 1.5/2 ml 1 drum 50 ml
Cat. No.	**079547**
€	**N/A -**

Drums

Cat. No.	For tubes (ml)	Max. number of tubes	Units/ box	€/ box
079548	10/15	7	2	**N/A -**
079549	5/7	7	2	**N/A -**
079550	1.5/2	15	2	**N/A -**
079551	0.5/0.8	21	2	**N/A -**
079552	50	6	1	**N/A -**

Rotary shakers for tubes



- **360° revolution, adjustable angle 0 - 90°**
- **Speed: 18 rpm**
- **For tubes from 0.5 to 50 ml, interchangeable tube racks**
- **Rotation direction can be changed with a simple gesture**
- **Warranty: 2 years**
- **Supplied with 2 racks of each size**

Cat. No.	Description	€
141270B	Rotary shaker 18 rpm	**N/A -**
141381B	Digital variable speed rotary shaker	**N/A -**

Racks

Cat. No.	Tube vol. (ml)	Number of tubes per rack	Total shaker capacity	Units/ box	€/ box
141266B	0.5 - 1	21	84	2	**N/A -**
141267B	1.5 - 2	15	60	2	**N/A -**
141268B	5 - 7	7	28	2	**N/A -**
141269B	10 - 15	7	7	2	**N/A -**
141271B	50	6	6	1	**N/A -**

Accessories for RotoFlex™ Plus

Cat. No.	Description	Units/ box	€
841401	Magnetic platform for Western blot	1	**N/A -**
841402	Metal strip for magnetic platform 10 x 1.7 cm	4	**N/A -**

Roto-Shake Genie Universal Rotary Shaker and Orbital Rocker

Shaker with rotational or rocker platform. Consisting of a variable speed motor and a multi-functional platform (L x W: 30 x 24 cm):
- the platform, which can be used on 2 sides, is magnetic: it can be easily removed and allows any metal support to be freely attached
- an optional tray turns it into a 3D orbital shaker.

➤ **Variable speed (rocker: 10 to 70 cycles per minute; rotation: 5 to 35 rpm)**

➤ **Orbital angle: +/- 10 °**

➤ **Operating temperature: 0 °C to 38 °C**

➤ **Rotary agitation of hybridisation bags magnetically fixed with metal bars**

➤ **Orbital shaker(rocker) for flat bottles and trays**

➤ **Rotary shaker for tubes that can be placed in horizontal, vertical or oblique position**

➤ **L x W x H of the whole: 50 x 26 x 25 cm**



Roto-Shake - supplied complete with:
- the motor; the double-sided platform;
- 1 clip plates for 12 tubes ø 10 - 13 mm;
- 1 clip plates for 6 tubes ø 15 - 17 mm;
- 1 clip plates for 3 tubes ø 28 - 30 mm;
- 4 stainless steel bars for fixing 2 bags of 15 x 15 cm;
- 1 anti-slip tray to be magnetically fixed to the platform.

Cat. No.	Description	€
079001	Complete Roto-Shake	**N/A -**

Accessories for Roto-Shake

Cat. No.	Description	Pack unit.	€
079125	3D orbital shaker tray	1	**N/A -**
079027	Clip for hybridization tube	2	**N/A -**
079028	Universal clip	2	**N/A -**
079029	Magnetic strip	1	**N/A -**
079050	Clip for 100 ml flask	1	**N/A -**
079002	Tray with 12 clamps for tubes ø 10 - 13 mm	6	**N/A -**
079003	Tray with 6 clamps for tubes ø 15 - 17 mm	6	**N/A -**
079004	Tray with 3 clamps for tubes ø 28 - 30 mm	6	**N/A -**
079005	Stainless steel strips	16	**N/A -**
079006	Set of 2 trays and 24 strips in stainless steel	-	**N/A -**





Horizontal attachment

➤ **Horizontal attachment for western blots and for holding cells in suspension**

Cat. No.	Description	€
079130	Horizontal attachment for Roto-Shake Genie	**N/A -**

Grant-Bio PTR-35 and PTR-60 360° Vertical rotary shakers

360° vertical rotation, reciprocation and vibration and pause functions.
Stirring speed of 10 to 100 rpm or 10 to 60 rpm.
Can be used as a continuous function or managed by the timer. Each mode links to another, making the device flexible to all modes combined.
The PTR-35 comes with a platform for 26 x 1.5 to 15 ml tubes (ø 15 mm max), the PTR-60 comes with a platform for 48 microtubes.

Model	PTR-35	PTR-60
Microtube capacity	26	48
Timer	1 min to 24 h	1 min to 24 h
360° vertical mode		
Speed (rpm)	10 à 100	10 à 60
Automatic timer (sec)	1 to 250	1 to 250
Reciprocal mode		
Stirring angle (°)	1 to 90	15 to 90
Automatic timer (sec)	1 to 250	1 to 250
Vibration mode		
Stirring angle (°)	1 to 5	1 to 5
Automatic timer (sec)	1 to 5	1 to 5
Pause (sec)	1 to 5	1 to 5
Operating T°(°C)	4 to 40	4 to 40
Maximum load (kg)	1	1.5
Ext. Dim. L x D x H (mm)	365 x 195 x 155	420 x 230 x 230
Voltage input (V)	12	220-240
Power input	CD	AC (50 - 60 Hz)
Amperage input (A)	0.5	0.3
Cat. No.	**144208B**	**144209**
€	**N/A -**	**N/A -**



Platforms

Cat. No.	Capacity	For model	€
144225	8 tubes 30 mm and 22 tubes 15 mm (for PTR-60)	PTR-60	**N/A -**
144226	14 tubes 30 mm (for PTR-60)	PTR-60	**N/A -**
144606	26 tubes 2 - 15 ml (tubes up to ø 15 mm)	PTR-35	**N/A -**
144607	5 tubes 50 ml (tubes ø 30 mm) and 12 tubes 2 - 15 ml	PTR-35	**N/A -**
144608	10 tubes 50 ml (ø 30 mm)	PTR-35	**N/A -**
144609	10 tubes 50 ml (tubes ø 30 mm) with clips	PTR-35	**N/A -**
144610	22 tubes 2 - 15 ml (tubes ø 15 mm) with clips	PTR-35	**N/A -**
144847	1 x 96-well plate	PTR-35	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Reax 2 Mixer Shaker



- Rotator mixer for Erlenmeyer flasks, tube racks, round flasks, graduated cylinders
- Speed from 20 to 100 rpm
- Dimensions: 510 x 180 x 235 mm
- Max. load: 1 kg
- Supplied complete with its universal rack consisting of 2 adjustable height trays to block the containers

Cat. No.	Description	€
498608	Reax 2 complete Mixing shaker	N/A -

Accessory

Cat. No.	Description	€
498609	Rack 20 tubes 10-18 mm	N/A -

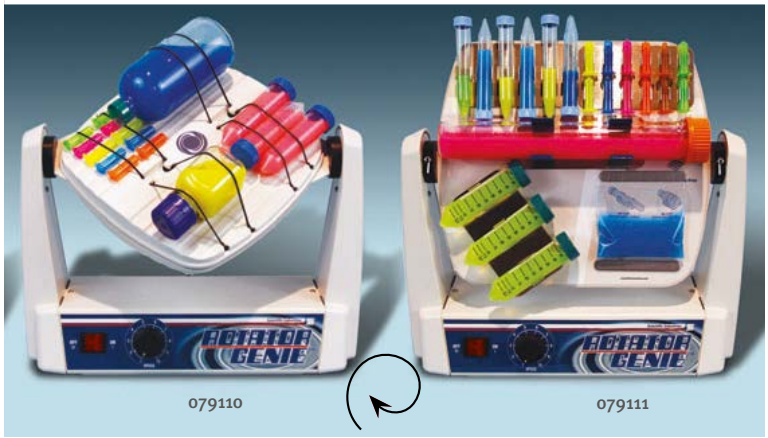
BenchMixer XLQ Rotary Shaker



- Orbital/vortex rotary shaker
- Programmable stirring time and intensity
- Suitable for QuEchERS sample preparation protocols
- Supplied with racks for 7 x 50 ml tubes, 50 x 15 ml tubes and 50 x 1.5 or 2 ml tubes
- Programmable and reproducible sample shaking
- Pulse mode
- Creation of a vortex in the vertically arranged tubes

Rotation orbit (mm)	3.6
Shaking speed (rpm)	500 to 2500
Stirring time	From 1 min. to 100 hours / Pulse mode
Dimension L x W x H (cm)	38.5 x 23.5 x 42
Weight (kg)	13
Power supply	240 V, 50-60 Hz
Cat. No.	**062775**
€	**N/A -**

Genie Rotator Shaker





- 90° plate shaker
- Standard model delivered with standard elastic platform (079112), magnetic model delivered with magnetised platform (079113)
- Suitable for use in cold rooms or incubators
- Warranty: 2 years

Speed (rpm)	5 - 35
Dimensions L x D x H (mm)	400 x 175 x 400
Platform dimensions (mm)	
- Standard	260 x 260
- Magnetic	290 x 315
Weight (kg)	5.2
Operating conditions	0° - 38 °C and 95% max. humidity

Cat. No.	Description	€
079110	Rotator Genie standard 230 V (European plug)	N/A -
079111	Rotator Genie magnetic 230 V (European plug)	N/A -

Accessories

Cat. No.	Description	Pack unit.	€
079112	Standard platform with elastics	1	N/A -
079113	Magnetic platform	1	N/A -
079077*	Tray with 12 clamps for tubes ø 10 - 13 mm	1	N/A -
079078*	Tray with 6 clamps for tubes ø 15 - 17 mm	1	N/A -
079079*	Tray with 3 clamps for tubes ø 28 - 30 mm	1	N/A -
079002*	Tray with 12 clamps for tubes ø 10 - 13 mm	6	N/A -
079003*	Tray with 6 clamps for tubes ø 15 - 17 mm	6	N/A -
079004*	Tray with 3 clamps for tubes ø 28 - 30 mm	6	N/A -
079005*	Stainless steel strips	16	N/A -
079027*	Clip for hybridization tube	2	N/A -
079028*	Universal clip	2	N/A -
079029*	Magnetic box for 100 microtubes	1	N/A -
079050*	Clip for 100 ml flask	1	N/A -

* Cat. No. to match with magnetic platform 079113

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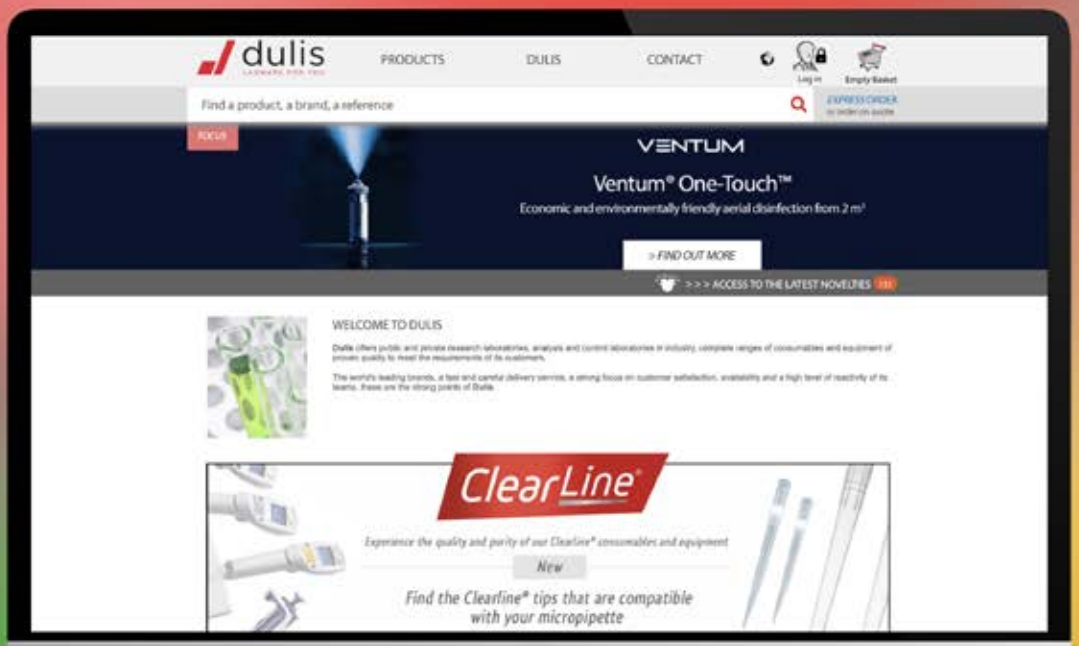
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Alle info met 1 klik

VOORRAAD
op dit moment

Grant-Bio BTD Digital Dry Block Heater for Microtubes



- Digital display
- With circular fixed block
- For 49 samples:
  24 x 1.5/2 ml microtubes,
  15 x 0.5 ml microtubes,
  10 x 0.2 ml microtubes
- Timer programmable from 1 minute to 96 hours
- Fast heat-up from 25 °C to 37 °C in 4 minutes and from 25 °C to 100 °C in 15 minutes
- Safety: IEC61010 compliant

Temperature range (°C)	Ambient +5 °C to 100 °C
Temperature selection (°C)	+25 °C to +100 °C
Stability à 37 °C (°C) / Uniformity (°C)	+/- 0.1 / +/- 0.1
Voltage (V)	220 - 240 V
Dimensions L x D x H (mm)	210 x 230 x 110
Block: ø x depth (mm)	130 x 45
Power (W)	200
Overheating protection	Fuse
Cat. No.	**144327**
€	**N/A -**

Grant-Bio QBD Digital Dry Block Heater



- Temperature range ambient +5ºC to 130ºC, 4-digit display of block temperature
- With rapid heat-up time
- Sold without block: to be completed with one, two or four interchangeable blocks (see page 1389)
- Safety: protection against overheating
- Timer 1 to 999 minutes and delayed start up to 72 hours
- Optional covering lid
- 2 calibration points
- Warranty: 3 years

Model	QBD1	QBD2	QBD4
Block capacity	1	2	4
Temperature range (°C)	Amb. +5 °C to 130 °C	Amb. +5 °C to 130 °C	Amb. +5 °C to 130 °C
Temperature selection (°C)	15 °C to 130 °C	15 °C to 130 °C	15 °C to 130 °C
Stability at 37 °C (°C)	+/- 0.1	+/- 0.1	+/- 0.1
Uniformity in the block (°C)	+/- 0.1	+/- 0.1	+/- 0.1
Inter-block uniformity (°C)	+/- 0.2	+/- 0.2	+/- 0.2
Temp. rise from 25 °C to 100 °C	20 minutes	20 minutes	20 minutes
Display resolution (°C)	0.1	0.1	0.1
Dimensions L x D x H (mm)	200 x 230 x 100	200 x 280 x 100	200 x 380 x 100
Power QBT1 / 2 /4 (W)	150	300	600
Cat. No.	**144331**	**144332**	**144333**
€	**N/A -**	**N/A -**	**N/A -**

Grant-Bio QBH2 Digital Dry Block Heater for molecular biology



- Designed specifically for molecular biology applications
- Compact design, takes up little bench space
- Operates from 5 °C above ambient temperature to 200 °C
- Timer 1 to 999 minutes and delayed start up to 72 hours
- 2 calibration points
- Warranty: 3 years

- Sold without blocks: to be completed with interchangeable blocks (see page 1389):
  - 144315 for 0.2 ml, strips or microplates;
  - 144316 0.5 ml microtubes;
  - 144317 1.5 ml microtubes.

Model	QBH2
Temperature range (°C)	Ambient +5 °C to 200 °C
Working selection (°C)	15 °C to 200 °C
Stability at 37 °C (°C)	+/- 0.1
Uniformity in the block (°C)	+/- 0.1
Inter-block uniformity (°C)	+/- 0.2
Temperature rise from ambient to maximum	15 minutes
Display resolution (°C)	0.1
Dimensions L x D x H (mm)	200 x 280 x 100
Power (W)	300
Cat. No.	**144334**
€	**N/A -**

Polycarbonate safety covers



Cover 144337
on heating block
144333

- Excellent transparency: very good visibility
- Protection against accidents (splashes, hot blocks)
- Suitable for QBD and QBH2 models

Cat. No.	Description	€
144335	Cover for QBD1	N/A -
144336	Cover for QBD2 and QBH2	N/A -
144337	Cover for QBD4	N/A -

External temperature sensor

Temperature control of the block or sample.
Stainless steel rod size 3 x 30 mm. 35 cm of cable.

Cat. No.	Description	€
144338	External temperature sensor	N/A -

Interchangeable blocks for QBD and QBH2

- **The shape of the wells allows easy access to extraction tools or thermometers**
- **63 mm depth: ensures excellent temperature accuracy**
- **Dimensions: 140 x 50 x 63 mm**

Cat. No.	Block for	Capacity tubes	€
144307	Solid block	-	**N/A -**
144308	Tubes ø 10 mm	24	**N/A -**
144309	Tubes ø 12 mm	24	**N/A -**
144310	Tubes ø 13 mm	12	**N/A -**
144311	Tubes ø 16 mm max and tubes 15 ml	12	**N/A -**
144312	Tubes ø 18 mm	12	**N/A -**
144313	Tubes ø 24 mm and universal flasks	5	**N/A -**
144314	Tubes ø 29 mm and 50 ml	4	**N/A -**
144315	0.2 ml microtubes, individual or in strips	56	**N/A -**
144316	0.5 ml microtubes	24	**N/A -**
144317	1.5 ml microtubes	24	**N/A -**
144318	2 ml microtubes	24	**N/A -**
144812	5 ml microtubes	12	**N/A -**



Microtiter blocks for QBD2 and QBH2

Designed specifically for molecular biology applications.
Two models:

- for 0.2 ml microtubes or strips - 96-well configuration (uniformity between wells: ± 0.3 °C);
- for flat, round or conical bottom microtiter plates - also for culture plates (uniformity between wells: ± 0.5 °C).

- **Microtiter microplate block: with double layer cover**
- **Extraction tool supplied with the blocks**
- **ø x D of wells for microtubes: 6.2 x 14 mm**
- **Microtube block dimensions: 140 x 100 x 40 mm**
- **Microplate block dimensions: 140 x 100 x 50 mm**

Cat. No.	Description	€
144340	Block for 0.2 ml microtubes (96-well configuration)	**N/A -**
144339	Block for 96-well microtiter plates	**N/A -**



MyBlock Mini Digital Dry Bath

- **Compact (fits in the hand) and portable (with 12 volt adapter)**
- **Transparent lid**
- **Temperature uniformity**
- **Model with heated lid (060998): better temperature control, temperature rise to 37 °C in 2 minutes**
- **To be completed with a block - interchangeable blocks for tubes from 0.2 to 50 ml**
- **Available with cooling function down to 0 °C (062640)**

Temperature range	Amb. +5 °C to 80 °C	Amb. +5 °C to 100 °C	Amb. -25 °C to 100 °C
Programmable minimum temperature	20 °C		0 °C
Temperature accuracy	± 0.5 °C	± 0.3 °C	± 0.5 °C
Temperature increments / uniformity	0.1 °C / ± 0.2 °C		
Dimensions (L x Dx H) (mm)	100 x 150 x 110	105 x 150 x 115	110 x 162 x 140
Weight (kg)	1		
Power supply	100 - 240V / 50 - 60 Hz / 50W		
Cat. No.	**060946B**	**060998**	**062640**
€	**N/A -**	**N/A -**	**N/A -**





Blocks

Cat. No.	Description	€
060947	40 x 0.2 ml block or 5 PCR strips	**N/A -**
060948	24 x 0.5 ml block	**N/A -**
062573	15 x 1.5 ml block	**N/A -**
060949	15 x 1.5 ml block *	**N/A -**
060950	15 x 1.5 ml block or 2 ml (conical bottom) *	**N/A -**
060951	4 x 15 ml block (can only be used without cover) *	**N/A -**
060952	2 x 50 ml block (can only be used without cover) *	**N/A -**
062644	15 x 2 ml block (chromatography vials or cryotubes) *	**N/A -**
062643	Block 15 x tubes Ø 12/13 mm or vacutainers (can only be used without cover) *	**N/A -**
062645	Block for 8 cuvettes (can only be used without cover) *	**N/A -**

* not compatible with block with heated lid ref. 060998

Accessory

Cat. No.	Description	€
060953	12-volt adapter	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

MyBlock and IsoBlock Heated Dry Baths



Myblock Mono

- **Digital temperature control**
- **Hinged lid**
- **Suitable for Quick-Flip universal blocks**
- **MyBlock: optional temperature sensor**
- **IsoBlock: two isolated compartments, allowing independent control of temperature and incubation time**

Model	Myblock Mono	Myblock Duo	IsoBlock
Temperature range	Ambient + 5 °C to 105 °C		
Temperature accuracy	± 0.1 %		
Increments / Uniformity	0.1 °C / ± 0.2%		
Timer	1 min to 99 h 59 min		
Dimensions W x L x H(mm)	180 x 250 x 130	160 x 365 x 130	160 x 365 x 130
Weight (kg)	4.5	4	4.5
Power supply	230 V, 50-60 Hz		
Cat. No. without block	**062576**	**062577**	**062580**
€	**N/A -**	**N/A -**	**N/A -**
Cat. No. with Quick-Flip block	**062578**	**062579**	**-**
€	**N/A -**	**N/A -**	**-**

Accessories

Cat. No.	Description	€
060919	Solid block for slides	**N/A -**
060920	Block for 24 x 1.5 ml microtubes (shaped)	**N/A -**
060921	Block for 24 x 1.5 ml or 2 ml microtubes	**N/A -**
060922	Block for 24 microtubes 0.5 ml	**N/A -**
060923	Block for 12 x 15 ml tubes	**N/A -**
062561	Block for 5 x 50 ml tubes	**N/A -**
060924	Block for 20 tubes ø 10 mm or 2 ml tubes	**N/A -**
060925	Block for 20 tubes ø 13 mm	**N/A -**
060926	Block for 12 tubes ø 15 mm or 16 mm	**N/A -**
060931	Block for 48 x 0.2 ml tubes or 6 x 8-tube PCR strips	**N/A -**
060933	Block for 96-well PCR plates 0.2 ml for 1 block	**N/A -**
060934	Block for 96-well PCR plates 0.2 ml for 2 and 4 blocks	**N/A -**
060935	Block for microtiter plate for 2 or 4 blocks	**N/A -**
062582	Quick-Flip Universal Block: Side A: for 24 x 1.5/2ml tubes and 14 x 0.5ml tubes Side B: for 6 PCR strips, 48 x 0.2ml tubes, or one PCR plate (with two Quick-Flip blocks)*	**N/A -**
062581	External temperature sensor for MyBlock	**N/A -**



With open lid

* Adaptable to PCR plates only on MyBlock Duo

Digital Dry Baths



- **3 models: 1 block, 2 blocks and 4 blocks**
- **Blocks size: 76 x 95 x 50 mm**
- **Temperature range:**
  - 1 and 2 block models: ambient +5 °C to 150 °C
  - 4 block model: ambient +5 °C to 130 °C
- **Easy to use**
- **Block removal tool**
- **Temperature and time selection by turning the knob**
- **PID microprocessor control**
- **4-digit LCD display**
- **Accuracy: resolution 0.1 °C, accuracy ± 0.2 °C, block uniformity ± 0.2 °C**
- **Delivered without block**
- **Warranty: 2 years**

Model	1 block	2 blocks	4 blocks
Dimensions (mm)	200 x 230 x 80	220 x 270 x 80	220 x 360 x 80
Weight (kg)	2.3	2.8	3.9
Power	200 W	400 W	600 W
Cat. No.	**060916**	**060917**	**060918**
€	**N/A -**	**N/A -**	**N/A -**

Blocks

Cat. No.	Description	€
060919	Solid block for slides	**N/A -**
060920	Block for 24 x 1.5 ml microtubes (shaped)	**N/A -**
060921	Block for 24 x 1.5 ml or 2 ml microtubes	**N/A -**
060922	Block for 24 x 0.5 ml microtubes	**N/A -**
060923	Block for 12 x 15 ml tubes	**N/A -**
062561	Block for 5 x 50 ml tubes	**N/A -**
060924	Block for 20 tubes ø 10 mm or 2 ml tubes	**N/A -**
060925	Block for 20 tubes ø 13 mm	**N/A -**
060926	Bloc for 12 tubes ø 15 mm or 16 mm	**N/A -**
060931	Block for 48 x 0.2 ml tubes or 6 x 8-tube PCR strips	**N/A -**
060933	Block for 96-well PCR plates 0.2 ml for 1 block	**N/A -**
060934	Block for 96-well PCR plates 0.2 ml for 2 and 4 blocks	**N/A -**
060935	Block for microtiter plate for 2 or 4 blocks	**N/A -**

Compact Dry Baths

- **Integrated temperature probe**
- **High heating speed**
- **Numerous block combinations**
- **Delivered without block**

Model	Compact S	Compact D
Number of blocks	1	2
Temperature range	Ambient + 2 °C to 100 °C	
Temperature accuracy at 37 °C	± 0.5 °C	
Temperature uniformity at 37 °C	± 0.5 °C	
Heating time from 30 °C to 130 °C	16 min	20 min
Dimensions W x D x H (mm)	185 x 185 x 25	200 x 200 x 25
Weight (kg)	1	1.5
Power supply	12 V; 5 A	12 V; 7 A
Cat. No.	**079643**	**079644**
€	**N/A -**	**N/A -**
Cat. No. heat insulator	**079652**	**079653**
€	**N/A -**	**N/A -**
Cat. No. plastic cover	**079654**	**079655**
€	**N/A -**	**N/A -**



079643



079644 + 079653

Blocks

Cat. No.	Compatibility	Max. No. of tubes	Block size on total surface	Dimensions W x D x H (mm)	€
079645	0.2 ml microtube	24	1/4	54 x 36 x 15	**N/A -**
079646	0.5 ml microtube	12	1/4	54 x 36 x 30	**N/A -**
079647	1.5 ml microtube	6	1/4	54 x 36 x 30	**N/A -**
079648	2.0 ml microtube	6	1/4	54 x 36 x 30	**N/A -**
079649	15 ml centrifuge tubes	6	1/2 (length)	108 x 36 x 72	**N/A -**
079650	50 ml centrifuge tubes	3	1/2 (length)	108 x 36 x 72	**N/A -**
079651	96-well plate	96-well	1/1	108 x 36 x 18	**N/A -**

Blocks for compact dry baths



Digital Heating Blocks

- **Stainless steel chamber**
- **Dual digital display**
- **Microprocessor control**
- **USB interface**
- **Lid included**
- **Models D1301 to D1304: supplied without block (to be ordered separately)**
- **Mini model: supplied with a holder for 12 x 1.5 ml tubes and a transfer rack**
- **Warranty: 3 years (except Mini: 1 year)**





Mini Block

Model	D1301	D1302	D1304	Mini
Number of blocks	1	2	4	1 holder 12 x 1.5 ml
Dim. L x W x H (mm)	210 x 290 x 120		210 x 390 x120	140 x 120 x 60
Temperature	Amb. +5 °C to 150 °C			Amb. +5 °C to 100 °C
Resolution	0.1 °C			
Temperature accuracy	± 0.3 °C			≤ 0.2 °C
Temperature uniformity	± 0.2 °C			≤ 0.2 °C
Timer	1 min to 99 h 59 min or continuous, 1 min increment			0 to 19:59 min or continuous
Weight (kg)	3.2		4.4	1.3
Power supply	230V 50/60 Hz			
Cat. No.	**096796**	**096797**	**096798**	**096623**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**



Anodised aluminium blocks for baths D1301, D1302 and D1304

- **Block dimensions L x W (mm): 90 x 76 (simple) / 90 x 153 (dual)**

Cat. No.	Compatibility	Max. number of tubes	€
096779	Solid	-	**N/A -**
096592	0.2 ml tubes or strips	48 or 6 strips	**N/A -**
096799	Tubes Ø 6 mm	35	**N/A -**
096612	0.5 ml tubes	24	**N/A -**
096584	1.5 ml tubes	24	**N/A -**
096593	2 ml tubes	20	**N/A -**
096800	Tubes Ø 10 mm	20	**N/A -**
096776	Tubes Ø 12 mm	20	**N/A -**
096609	Tubes Ø 13 mm	12	**N/A -**
096801	Tubes Ø 15/16 mm	12	**N/A -**
096777	Tubes Ø 17 mm	12	**N/A -**
096594	15 ml centrifuge tubes	12	**N/A -**
096802	Tubes Ø 20 mm	6	**N/A -**
096791	Tubes Ø 25 mm	6	**N/A -**
096595	50 ml centrifuge tubes	5	**N/A -**
096804	96-well PCR plate, skirted or unskirted*.	-	**N/A -**
096805	96-well plate (dual block**)	-	**N/A -**
096806	96-well skirted or unskirted PCR plate (dual block**)	-	**N/A -**
096807	384-well plate (dual block**)	-	**N/A -**

*For D1301 bath only / **For D1302 bath only

All prices are indicative and exclude VAT. Visit www.dulis.nl

MD mini Heating Block





022154



022153



022148

- **Minimum size**
- **For use with PCR strips**
- **Versatile thanks to its various adaptable heating blocks**
- **Can be used as a water or bead bath up to 100 °C**

Block material	Shaped aluminium + polytetrafluoroethylene
Display	LED
Temperature increment	0.1 °C
Temperature uniformity at 37 °C	± 0.20 °C
Temperature accuracy at 37 °C	± 0.25 °C
Approximate preheating time	15 min
Lid preheating	Yes
Max. sample holding time	9999 mn
Special use	Water bath or bead bath
Power supply (V)	100-240
Power consumption (W)	50
Weight (kg)	0.6
Dimensions (mm)	153 x 125 x 97
Cat. No. without stand	**022145**
€	**N/A -**

Holders for tubes

Cat. No.	Number of wells	Tube volume (ml)	tube Ø (mm)	tube H (mm)	€
022146	32	0.2	6.35	19	**N/A -**
022147	12	1.5	10.8	28.5	**N/A -**
022148	6	15	17.3	70	**N/A -**
022149	2	50	29.2	72	**N/A -**
022150	12	0.5	8	25	**N/A -**
022151	12	2	11	30	**N/A -**
022152	12	1.5	10.9	30	**N/A -**

Accessories

Cat. No.	Description	€
022153	Handle for PCR block with retention handle	**N/A -**
022154	Lid, dimensions (mm): 58.5 x 83 x 31.5	**N/A -**

GENIUS dry heat baths

022031



022032



- **Compact**
- **Two models for one or two aluminium blocks**
- **The watertightness of the inner tank makes these heating blocks suitable for use as a mini water bath**
- **Microprocessor control**
- **Temperature range: ambient +5 °C to 150 °C**
- **Increment: 0.1 °C**
- **With temperature calibration**
- **Sealed aluminium inner tank**
- **Aluminium blocks**
- **Heated blocks and block racks must be ordered separately**

Cat. No.	Description	€
022031	Genius single block dry bath	**N/A -**
022032	Genius dual block dry bath	**N/A -**
022051	Thermocouple	**N/A -**
022052	RS 232 cable	**N/A -**

Temperature uniformity at 37 °C	+/- 0.2 °C
Temperature accuracy at 37 °C	+/- 0.2 °C
Timer	0 to 999 minutes
Operating temperature	Ambient temperature at + 40 °C
Output	RS 232
Voltage	110 V or 220 V
Dimensions	200 x 290 x 80 mm (W x L x H)
Weight	2.6 kg for single block model / 2.8 kg for dual block

Blocks - dimensions: 79 x 104 x 50 mm.

Cat. No.	Description	€
022035	Block for flat bottom microplate	**N/A -**
022036	Block for microplate or 96-well PCR plate	**N/A -**
022037	Block for flat bottom microplate for dual block	**N/A -**
022038	Block for microplate or 96-well PCR plate for dual block	**N/A -**
022039	Block for 64 x 0.2 ml tubes or 8 x 8 strips	**N/A -**
022041	Block for 20 x 0.5 ml tubes	**N/A -**
022042	Block for 20 x 1.5 or 2 ml tubes	**N/A -**
022043	Reversible block for 20 x 1.5 and 2 ml tubes or 30 x 0.5 ml tubes	**N/A -**
022044	Combined block: 12 x 1.5 or 2 ml tubes, 12 x 0.5 ml tubes	**N/A -**
022045	Block for 20 x 13 mm tubes	**N/A -**
022046	Block for 12 x 17 mm tubes for centrifuge tubes 15 ml	**N/A -**
022047	Block for 12 x 20 mm tubes	**N/A -**
022048	Block for 6 x 25 mm tubes	**N/A -**
022049	Block for 4 x 50 ml tubes, centrifuge tubes	**N/A -**

Elite Dry Bath Incubator

Model	EL-01	EL-02
Block capacity	1	2
Temperature	Amb. + 5 °C to 150 °C	Amb. + 5 °C to 150 °C
Increment	0.1 °C	0.1 °C
Temp. uniformity at 37 °C	+/- 0.2 °C	
Temp. accuracy at 37 °C	+/- 0.2 °C	
Timer	99:59 min	99:59 min
Operating temperature	Ambient temp. at + 40 °C	
Output	RS 232	
Voltage	220 V	
Power (W)	125	200
Dimensions (W x L x H) (mm)	152 x 150 x 135	152 x 230 x 135
Weight (kg)	2.1	2.8
Cat. No.	**022103**	**022104**
€	**N/A -**	**N/A -**



Three functions

1. **Dry bath**
2. **Thermostatically controlled water bath**
3. **Dry bead bath with special blocks**



Dry bath accepting 1 or 2 blocks for tubes or microplates.
By removing the block, the appliance can be used as a water bath heater, thanks to its stainless steel inner tank.

- **Version 1 or 2 blocks**
- **Microprocessor control**
- **Can be used as a water bath**
- **Aluminium blocks**

Blocks - dimensions: 79 x 104 x 50 mm.

Cat. No.	Description	€
022035	Block for flat bottom microplate	**N/A -**
022036	Block for microplate or 96-well PCR plate	**N/A -**
022037	Block for flat bottom microplate for dual block	**N/A -**
022038	Block for microplate or 96-well PCR plate for dual block	**N/A -**
022039	Block for 64 x 0.2 ml tubes or 8 x 8 strips	**N/A -**
022041	Block for 20 x 0.5 ml tubes	**N/A -**
022042	Block for 20 x 1.5 or 2.0 ml tubes	**N/A -**
022043	Reversible block for 20 x 1.5 and 2.0 ml tubes or 30 x 0.5 ml tubes	**N/A -**
022044	Combined block: 12 x 1.5 or 2.0 ml tubes, 12 x 0.5 ml tubes	**N/A -**
022045	Block for 20 x 13 mm tubes	**N/A -**
022046	Block for 12 x 17 mm tubes for centrifuge tubes 15 ml	**N/A -**
022047	Block for 12 x 20 mm tubes	**N/A -**
022048	Block for 6 x 25 mm tubes	**N/A -**
022049	Block for 4 x 50 ml tubes, centrifuge tubes	**N/A -**

Blocs spéciaux - Dry bath bead blocks. Supplied without beads, suitable for Elite, Genius and Ultimate models.

Cat. No.	L x W x H (mm)	For models	Adaptable to	€
022142	104 x 79 x 76	Single block	022031, 022033, 022103	**N/A -**
022143	158 x 104 x 76	Dual block	022032, 022034 ,022104	**N/A -**



LSE Heating Blocks

- **USB port**
- **Two digital screens**
- **Supplied with lid**
- **Blocks to be ordered separately (systems sold without blocks)**

CORNING



Number of blocks	1	2	4
Temp. Range	Ambient + 5 °C to 150 °C		
Temp. accuracy	± 0.3 °C		
Temperature uniformity	± 0.2° C		
Resolution	0.1 °C		
Dim. (W x D x H) (mm)	210 x 290 x 120	210 x 290 x 120	210 x 390 x 120
Weight (kg)	3.2	3.2	4.4
Cat. No.	**006876-SB**	**006886-DB**	**006896-FB**
€	**N/A -**	**N/A -**	**N/A -**

Blocks

Cat. No.	Compatibility	Max. number of of tubes	€
00480116	0.2 ml PCR tubes	48	**N/A -**
00480118	0.5 ml microtube	24	**N/A -**
00480119	1.5 ml microtube	24	**N/A -**
00480117	2 ml microtube	20	**N/A -**
00480124	15 ml tubes	12	**N/A -**
00480129	50 ml tubes	5	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Digital Dry Bath HB120-S



- Digital interface with rotary knob
- Continuous or timer operation up to 99 h 59 min
- Integrated overheating protection
- Supplied with lid

Temperature range	Ambient at +120 °C
Temperature stability	± 0.5 °C
Temperature uniformity	± 0.5 °C
Heating rate	5.5 °C/min
Block material	Aluminium
Dimensions W x D x H (mm)	175 x 290 x 85
Weight (kg)	3
Cat. No.	**861161**
€	**N/A -**

Blocks

Compatibility	No. of wells	Low blocks	€	Standard blocks	€
0.2 ml microtube	54	**861171**	**N/A -**	**861162**	**N/A -**
0.5 ml microtube	40	**861172**	**N/A -**	**861163**	**N/A -**
1.5 ml microtube	40	**861173**	**N/A -**	**861164**	**N/A -**
2.0 ml microtube	40	**861174**	**N/A -**	**861165**	**N/A -**
Test tubes Ø 13 mm	45	-	-	**861166**	**N/A -**
5 or 15 ml centrifuge tubes	28	-	-	**861167**	**N/A -**
50 ml centrifuge tubes	8	-	-	**861168**	**N/A -**
96 or 384 well microplates	1	**861175**	**N/A -**	**861169**	**N/A -**
0.2 ml 0.5 ml 1.5/2.0 ml	18 18 18	**861176**	**N/A -**	**861170**	**N/A -**
96-well PCR plates or tubes or strips	1	**861177**	**N/A -**	-	-

LabArmor Bead Heating Baths



- Stainless steel waterless bead bath, (no contamination)
- Temperature range: ambient + 5 °C to 80 °C
- Temperature uniformity at 37 °C: ± 0.5 °C / to 65 °C: ± 1 °C
- Fast heat-up, even and constant temperature
- No evaporation due to water heating
- Suitable for different sizes of tubes, petri dishes and plates
- 3 capacities: 6, 14 and 20 l
- Power 500 W 50/60 Hz, 230 V
- Lid included, no block needed, no racks needed

Model	M706	M714	M720
Capacity (l)	6	14	20
Bead capacity (l)	5	12	15
Int. dim. L x D x H (cm)	30.5 x 15.5 x 15.2	30.5 x 30.7 x 15.2	30.5 x 43.4 x 15.2
Ext. dim. L x D x H (cm)	40.4 x 31.2 x 21.6	40.4 x 47 x 21.6	40.4 x 59.3 x 21.6
Weight (kg)	13.6	29	38.5
Cat. No. with beads	**582004**	**582006**	**582008**
€ block + beads	**N/A -**	**N/A -**	**N/A -**
Block Cat. No.	**582005**	**582007**	**582009**
€ block	**N/A -**	**N/A -**	**N/A -**



Beads

Cat. No.	Bead bottle volume (l)	€
582000	0.75	**N/A -**
582001	2	**N/A -**
582002	4	**N/A -**
582003	8	**N/A -**

DryTemp Bead Heating Baths



- Temperature range: amb. +5 °C to 150 °C
- Microprocessor controlled
- H x L x W (mm): 81 x 221 x 262
- Timer function
- Power supply: 230 V, 50/60 Hz
- Single or dual coloured blocks

Cat. No.	Description	€
582010	Digital bead heating bath	**N/A -**



Blocks - supplied with beads

- Temperature range: - 80 to + 180 °C
- Temperature uniformity: ± 1 °C (to 95 °C)

Model	Single block	Dual block
Bead capacity (l)	0.25	0.50
H x L x W (mm)	95 x 76 x 76	95 x 152 x 76
Weight (kg)	0.95	1.9
Black	**582011**	**582016**
Blue	**582012**	**582017**
Golden	**582013**	**582018**
Red	**582014**	**582019**
Silver	**582015**	**582020**
€	**N/A -**	**N/A -**

ThermoCell Dry Heating and Cooling Bath

Model	Heating	Heating and cooling
Temperature range	Amb. T° +5 °C to 100 °C	Amb. T° - 10 °C to 105 °C
Timer	1 min. to 99 h 59 min.	
Temperature rise	12 min.	≤ 35 min. (from 20 °C to 100 °C)
Cooling speed	-	≤ 25 min. (from 20 °C to 0 °C)
Weight (kg)	2.8	3.3
Dimensions (L x W x H)	300 x 200 x 150 mm	
Power	220V - 50 Hz - 120 W	
Cat. No.	**865072**	**865001**
€	**N/A -**	**N/A -**

- **Programmable, up to 5 temperature steps**
- **Peltier effect, wide temperature range**
- **Available in heating and cooling versions**
- **Special block to convert the heating block into a water bath**



Blocks

Cat. No.	Description	€
865002	Block for 40 x 1.5 ml microtubes	**N/A -**
865011	Block for 54 x 0.5 ml microtubes	**N/A -**
865012	Block for 96 x 0.2 ml microtubes	**N/A -**
865013	Block for 24 tubes ø 15 mm	**N/A -**
865014	Water bath block 115 x 73 x 38 mm	**N/A -**
865015	Block for 40 x 0.2 ml microtubes	**N/A -**
865016	Block for 96-well microplates	**N/A -**
865017	Block for 26 x 0.5 ml microtubes and 24 x 1.5 ml microtubes	**N/A -**

Grant-Bio PCH series heating/cooling blocks

Three models:
- PCH-1: for 12 x 1.5 ml microtubes and 20 x de 0.5 ml microtubes
- PCH-2: for 20 x 1.5 ml microtubes
- PCH-3: for 20 x 2 ml microtubes

Model	PCH-1	PCH-2	PCH-3
Temperature range (°C)	-10 to 100		
Stability (°C)	+/- 0.1		
Uniformity (°C)	+/- 0.1		
Display resolution T° (°C)	0.1		
Rise in temperature rate 25 to 37 (°C/min) 25 to 100 (°C/min)	 3 16		
Cooling rate 100 °C to -10 °C (°C/min) 25 °C to -10 °C (°C/min)	 28 21		
Microtube capacity	12 x 1.5 ml and 20 x 0.5 ml	20 x 1.5 ml	20 x 2 ml
Timer	1 min to 96h / non stop		
L x D x H ext. (mm)	260 x 240 x 165		
Power supply	220 - 240 V / AC (50 - 60 Hz) / 0.5 A		
Cat. No.	**144212**	**144213**	**144848**
€	**N/A -**	**N/A -**	**N/A -**

- **Peltier effect**
- **Simultaneous display of the desired and actual temperature**
- **For applications requiring heating or cooling of microtubes between -10 °C and +100 °C**



- **Applications: preparation of DNA in denaturing electrophoresis, storage of frozen restriction enzymes, ligation reactions, enzymatic digestions, solubilisation of proteins prior to PAGE, incubation of microtubes for hybridisation, cooling of blood tubes prior to coagulation tests, enzymatic reactions and deactivations**

Mini-cooler 200 Dry cooling and heating baths

- **Water bath or bead bath**
- **Peltier effect**
- **Small size to suit limited space**
- **Pre-configured temperatures for quick launch**
- **PTFE coating**
- **Alarm, timer, and temperature calibration**
- **Model 203 with programmable temperature for cooling/heating protocols**
- **Numerous aluminium alloy blocks, interchangeable with the MD mini thermoblock**
- **USB and Bluetooth ports for data storage, transfer and editing**



Model	201	203
Temperature range	Ambient -30 °C (min. -10 °C)	Ambient -30 °C (min. -10 °C) to + 100 °C
Uniformity at 37 °C	0.2 °C	
Accuracy at 37 °C	0.25 °C	
Display resolution	0.1 °C	
Temperature rise speed	-	Max. 6 °C / min
Cooling rate	Max. 5.5 °C / min	Max. 5.5 °C / min
Dimensions L x W x H(mm)	41 x 71 x 32	41 x 71 x 75
Electrical power (W)	40	60
Cat. No.	**022254**	**022255**
€	**N/A -**	**N/A -**

Tube blocks

Cat. No.	Capacity	€
022146	32 x 0.2 ml PCR tubes	**N/A -**
022147	12 x 1.5 ml tubes	**N/A -**
022148	6 x 15 ml tubes	**N/A -**
022149	2 x 50 ml tubes	**N/A -**
022150	12 x 0.5 ml tubes	**N/A -**
022151	12 x 2 ml tubes	**N/A -**
022152	12 x 1.5 ml tubes (deep)	**N/A -**

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BLOCK ICE Mini Benchtop Refrigerator



- **Perfect for incubating all types of samples**
- **Integrated timer (positive or negative) for 9-day programming**
- **Timer only starts when a stable temperature setpoint is reached**
- **Temperature display in °C or F°**
- **Alarm indicating when the desired temperature is reached and when the time has elapsed**
- **Insertion of 2 aluminium blocks (to be ordered separately)**
- **Supplied with cover, without block**

Model	BLOCK ICE mini benchtop refrigerator
Temperature	0 to 40 °C
Temperature accuracy	± 1 °C
Max. temp. variation between 2 blocks	± 0.2 °C
Cooling	Peltier Effect
Cooling time at 4 °C (min)	30
Temperature display	Orange LED display – 5 digits
Power supply	90 to 60 V / 50-60 Hz
Dimensions L x W x H (mm)	190 x 240 x 225
Net weight unit (kg)	3
Cat. No.	**090886**
€	**N/A -**

Block racks for mini refrigerator BLOCK ICE

Blocks identical to the aluminium blocks used for Techne dry baths. Equipped with a hole for the insertion of a block removal rod (except for microplate blocks).

Cat. No.	Description	Number of holes	Dim. (mm) of the block	€
090887	Solid block	-	95 x 76 x 51	**N/A -**
090888	Block for tube ø 6 mm	30	95 x 76 x 51	**N/A -**
090889	Block for tube ø 10 mm	20	95 x 76 x 51	**N/A -**
090890	Block for tube ø 12 mm	20	95 x 76 x 51	**N/A -**
090891	Block for tube ø 13 mm	20	95 x 76 x 51	**N/A -**
090892	Block for tube ø 15 mm	12	95 x 76 x 51	**N/A -**
090893	Block for tube ø 16 mm	12	95 x 76 x 51	**N/A -**
090894	Block for tube ø 19 mm	8	95 x 76 x 51	**N/A -**
090895	Block for tube ø 25 mm	6	95 x 76 x 51	**N/A -**
090896	Block for cuvettes ø 10 mm	2 rows of 7 maximum cuvettes	95 x 76 x 51	**N/A -**
090897	Solid block for thermometer	1	95 x 225 x 51	**N/A -**
090898	Solid block for thermometer	1	95 x 76 x 51	**N/A -**
090899	Block for tube ø 7 and 9 mm	20 and 10	95 x 76 x 51	**N/A -**
091107	Block for tube ø 24 mm	6	95 x 76 x 51	**N/A -**
091108	Block for tube ø 26 mm	6	95 x 76 x 51	**N/A -**
091109	Block for 1.5 ml microtubes	20	95 x 76 x 51	**N/A -**
091110	Block for 0.5 ml microtubes	30	95 x 76 x 51	**N/A -**
091111	Plastic 1/2 block adapter	-	95 x 37 x 51	**N/A -**
091112	Block* for microplates Hi-Temp	96-well round bottom	95 x 151 x 61	**N/A -**
091113	Block* for microplates	96-well round bottom	95 x 151 x 61	**N/A -**
091114	Block* for microplates	96-well flat bottom	95 x 151 x 61	**N/A -**
091115	Bloc* for 2 ml microtubes	20	95 x 76 x 51	**N/A -**
091116	Bloc* for 0.2 ml microtubes	72	95 x 76 x 51	**N/A -**
091117	Block for 0.2 ml microtubes	96	95 x 151 x 61	**N/A -**
091118	Block for microplates Porvair 1 ml	96-well	95 x 151 x 48	**N/A -**
091119	Block for gelimeter beaker	1	95 x 76 x 51	**N/A -**

* Block taking 2 slots.

NO ICE Mini Benchtop Refrigerator



- **Ideal for keeping, preparing and storing all types of samples cold for long periods**
- **With ceramic beads for constant maintenance of the desired temperature**
- **For all sizes and shapes of tubes**
- **Chemically resistant beads, autoclavable up to 134 °C**
- **Ideal for keeping reagents at 4 °C throughout the working day**
- **Temperature display in °C or F**

Model	Mini-refrigerator with NO ICE tank and beads
Temperature	0 to 40 °C
Temperature accuracy	± 1 °C
Cooling	Peltier Effect
Temperature display	Orange LED display - 5 digits
Power supply	90 to 60 V / 50-60 Hz
Dimensions L x W x H (mm)	190 x 240 x 225
Unit net weight + tank + beads (kg)	4.5
Cat. No.	**090883**
€	**N/A -**

Accessories

Cat. No.	Description	€
090884	Spare tank for NO ICE	**N/A -**
090885	Ceramic beads	**N/A -**

Heating and/or Cooling Dry Baths

- Numerous blocks, modular
- Blocks to be ordered separately
- Optional external battery



Heating bath | Heating/cooling bath | Programmable bath

Type	Heating	Heating/ cooling	Programmable heat./cool.
Operating temperature		8 °C to 30 °C	
Temperature range	Amb. + 2 °C to 100 °C	0 °C to 100 °C	0 °C to 100 °C
Temperature accuracy		± 0.2 °C	
Temperature uniformity		± 0.2 °C	
Heating rate from 16 °C to 60 °C	8 °C/min	9 °C/min	
Cooling rate from 25 °C to 4 °C / from 60 °C to 16 °C	-	3 °C/min	
Timer	-	-	1 min to 23 h 59 min 3 adjustable segments
Total capacity in 1/4 blocks		4	
Power supply		12 V, 5 A	
Dimensions (W x L x H) (mm)		185 x 185 x 90	
Weight (kg)	1	1.2	
Cat. No.	**154300**	**154304**	**154306**
€	**N/A -**	**N/A -**	**N/A -**

Blocks

Cat. No.	For	Capacity In tubes	Block size on total surface	€
154311	0.2 ml microtube	24	1/4	**N/A -**
154312	0.5 ml microtube	12	1/4	**N/A -**
154313	1.5 ml microtube	6	1/4	**N/A -**
154314	2.0 ml microtube	6	1/4	**N/A -**
154331	Tubes Ø 12.5 mm	6	1/4	**N/A -**
154332	Tubes Ø 15 mm	6	1/4	**N/A -**
154315*	15 ml tubes	6	1/2 (length)	**N/A -**
154316*	50 ml tubes	3	1/2 (length)	**N/A -**
154333*	10 ml tubes (Ø12.7mm)	12	1/2 (length)	**N/A -**
154317*	0.2 ml microtube or PCR plates	96	1/1	**N/A -**
154334*	Tubes Ø 15 mm	20	1/1	**N/A -**
154336*	Solid block	-	1/1	**N/A -**



Accessories

Cat. No.	Description	€
154325	Adapter 12V 7A	**N/A -**
154326	Adapter 12V 5A	**N/A -**
154327	External battery 12V 7A	**N/A -**

Heating/ Cooling dry baths three independent blocks

Temperature range	Ambient +5 °C to +99.9 °C*
Temperature rise (25 to 99.9 °C)	20 minutes maximum
Accuracy	± 0.5 °C
Accuracy at 37 °C	± 0.2 °C
Display accuracy	0.1 °C
Timer	1 to 999 hours or 1 to 999 minutes or 1 to 999 seconds
Number of blocks	3
Power supply	DC 12 V, 120 W
Dimensions (mm)	360 x 180 x 150
Weight (kg)	3
MiniT-H3 Dry bath for 3 heating blocks	**531511**
€	**N/A -**
MiniT-H2C Dry bath for 2 heating blocks and 1 heating/cooling block	**531510**
€	**N/A -**

* Except for the cooling block of the MiniT-H2C:
0 °C to 99.9 °C, temperature drop from 25 °C to 0 °C in max. 25 minutes



- The three baths are independently controlled
- Available as a three block heater (MiniT-H3) or as a version with one heating and cooling block and two heating blocks (MiniT-H2C)
- Independent temperature control of the three blocks
- To be completed with a block
- Many aluminium blocks available depending on the use
- Automatic shut-off and buzzer at the end of the programme

MiniT-H2C and MiniT-H3 dry bath blocks

Cat. No.	Blocks for	Number of tubes	€
531512	0.2 ml tubes	40	**N/A -**
531513	0.5 ml tubes	24	**N/A -**
531514	1.5 ml tubes	15	**N/A -**
531515	2 ml tubes	15	**N/A -**
531516	Cuves 12.5 x 12.5 mm	8	**N/A -**
531517	15 ml tubes	4	**N/A -**
531518	50 ml tubes	2	**N/A -**

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Baher boiling bath



For adjustable temperatures from 30 °C to 100 °C. Stability ± 3 °C.

- **Fast kettle type (6 to 7 minutes)**
- **Stainless steel bowl and heating element**
- **Epoxy coated base**
- **Thermostat regulator with synchronised switch with signal lamp**

Capacity (litres)	1
Useful / external dimensions (ø x H)	14 x 11 cm / 15 x 19 cm
Consumption (W)	640
Weight (kg)	1
Cat. No.	**068571**
€	**N/A -**

Stainless steel accessories

Cat. No.	Description	€
068572	Rack for 24 haemolysis tubes, up to ø 13 mm	**N/A -**
068573	Rack for 24 haemolysis tubes, up to ø 18 mm	**N/A -**
068574	Lid with Bakelite handle	**N/A -**
068575	Resistance cover plate	**N/A -**

Transparent methacrylate tanks



- **Can withstand temperatures up to 60 °C**
- **Used with thermostats fixed with clips or clamps**

Cat. No.	Capacity (l)	H x W x D (cm)	Wall thickness (mm)	€
068577	8	15 x 18 x 31	6	**N/A -**
068578	9.5	14.5 x 16.5 x 39	6	**N/A -**
068579	13	15 x 23 x 40	8	**N/A -**
068580	30	20 x 30 x 50	8	**N/A -**

Stainless steel tanks



Metal tanks for thermostat. Double wall. Stainless steel AISI 304 exterior and AISI 310 interior.

Cat. No.	Vol. (l)	Handles + tap	Int. H x W x D (cm)	Ext. H x W x D (cm)	Weight (kg)	€
068524	9	No	15 x 29 x 22	20 x 34 x 28	3.5	**N/A -**
068525	12	No	15 x 30 x 31	20 x 37 x 35	4.3	**N/A -**
068526	20	Yes	15 x 48 x 30	20 x 55 x 35	6.6	**N/A -**
068527	27	Yes	20 x 48 x 30	25 x 55 x 35	7.6	**N/A -**
068528	45	Yes	15 x 62 x 50	23 x 70 x 56	11	**N/A -**

Ballast ring





To prevent breakage and spillage
The ballast rings, covered with chemically resistant vinyl, hold the glassware in the water baths, preventing breakage and spillage.
Closed ring (red) or open ring (blue).

Accessory

Cat. No.	Description	€
085865	Storage rack for rings (Height: 220 mm)	**N/A -**

				Closed red		Open blue	
Weight (g)	Out. ø (mm)	Inner ø (mm)	Ideal for	Cat. No.	€	Cat. No.	€
165	51	19	Test tubes 5-10 ml	**085860**	**N/A -**	-	-
237	76	43	Flasks 125-500 ml	**085861**	**N/A -**	**037626**	**N/A -**
454	89	51	Flasks 250-1000 ml	**085862**	**N/A -**	**037627**	**N/A -**
681	102	56	Flasks 500-2000 ml	**085863**	**N/A -**	**037628**	**N/A -**
908	114	71	Flasks 1000-4000 ml	**085864**	**N/A -**	**037629**	**N/A -**

Ballast thread



Flexible and adaptable
Ballast thread coated in flexible vinyl.
It can be easily twisted to adopt the desired positions.

Cat. No.	Description	ø (mm)	€
085866	Ballast wire 114 g	6.4	**N/A -**
085867	Ballast wire 176 g	8	**N/A -**

Insulating beads for water baths

- Made of polypropylene
- Barrier between liquid and air
- Serves as a mobile lid for water baths
- Diameter 20 mm



Cat. No.	Description	Units/ box	€/ box
144342	Insulating beads for water bath	300	N/A -
067886	Insulating beads for water bath	1000	N/A -

Réa-Stabil Disinfectant for water baths

Concentrated bactericidal disinfectant for water baths and thermostatic baths.
The results are even better with distilled or demineralised water.

- Efficiency: 2 to 3 months
- Water colouring: blue
- Very economical: 1 ml per litre (10 ml for a 10 litre bath)
- Biodegradable, non-toxic
- Components: biguamides surfactants and dye



Cat. No.	Description	€
074022	Rea-Stabil 200 ml flask	N/A -

Cleaning solution

- For ultrasonic baths
- Biodegradable
- Phosphate-free



Cat. No.	Description	€
910587	Cleaning solution, 1 l	N/A -

Heating ultrasonic baths



- Frequency: 40 kHz
- Allows cleaning on 3 levels
- Body and lid in corrosion-resistant ABS, stainless steel tank
- Timer: 1 to 99 min.

Model	UC-02	UCP-20
Bath capacity (l)	2	20
Temperature	Amb. to 50 °C	Amb. to 70 °C
Internal dim. L x D x H (mm)	142 x 132 x 104	500 x 290 x 160
External dim. L x D x H (mm)	290 x 210 x 200	721 x 451 x 297
Net weight (kg)	2	17
Cat. No.	446700	446784
€	N/A -	N/A -

Branson Ultrasonic bath 200 0.5 l



- Compact, simple and economical for small objects

Cat. No.	Volume (l)	Int. dim. (mm)	Ext. dim. (mm)	€
910586	0.5	170 x 90 x 50	225 x 115 x 122	N/A -

Accessories

Cat. No.	Description	€
910570	Plastic lid	N/A -
910572	Plastic bin	N/A -
910571	Wire basket, 155 x 86 x 45 mm	N/A -

Ultrasonic bath 1.4 litre

- Capacity 1.4 l
- Stainless steel tank
- Frequency: 42 kHz
- 5-cycle timer with digital display
- Power supply: 230 V
- Weight: 1.8 kg
- Dimensions:
  - internal: 160 x 128 x 46 mm
  - external: 230 x 180 x 160 mm



Cat. No.	Description	€
053275	Ultrasonic cleaner	N/A -

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Grant Ultrasonic baths

XUB 5



XUB 10



XUB 12



XUB 18





XUB 25



XUBA 1



XUBA 3

- **XUBA and XUB ultrasonic baths offer speed, safety and cost effectiveness for a wide range of scientific applications**
- **Recommended for applications such as: degassing, ultrasonic chemistry or fluid dissolution**
- **Efficient and rapid cleaning of laboratory instruments, ensuring complete removal of contaminants**

5 digital models XUB series and two analogue models XUBA series

Model XUB

For an even distribution of waves throughout the tank, as well as a reduction of dead spots and standing waves.
For precise control of time, temperature, degassing mode, and liquid level.

Delivered with:

- **a lid;**
- **an SD card for recording and analysing the results;**
- **a stainless steel basket;**
- **a drain valve;**
- **a 1 litre bottle of cleaning solution.**

Model XUBA

For use in environments where only small instruments need to be processed, without complex controls required.

Delivered with:

- **a lid;**
- **a stainless steel basket;**
- **a 1 litre bottle of cleaning solution.**

Model	XUB 5	XUB 10	XUB 12	XUB 18	XUB 25	XUBA 1	XUBA 3
Features							
Ext. bath L x D x H (mm)	340 x 255 x 265	545 x 245 x 265	345 x 355 x 365	375 x 410 x 365	550 x 410 x 365	180 x 160 x 190	270 x 170 x 210
Int. Tank L x D x H (mm)	300 x 150 x 150	505 x 140 x 150	300 x 240 x 200	330 x 300 x 200	505 x 300 x 200	150 x 140 x 100	240 x 140 x 100
Int. basket L x D x H (mm)	265 x 115 x 110	465 x 100 x 110	260 x 200 x 160	295 x 260 x 160	465 x 260 x 160	120 x 96 x 55	200 x 108 x 55
Working volume (litres)	4.5	9.5	12.5	17.5	25	1.5	2.5
Max. volume (litres)	5	10.5	14	18.5	28	1.75	2.75
Power (W)	100	200	200	300	400	35	35
Frequency (kHz)	32 -38	32 -38	32 -38	32 -38	32 -38	44	44
Heating temperature (°C)	Amb. +5 to 70	Amb. +5 to 70	Amb. +5 to 70	Amb. +5 to 70	Amb. +5 to 70	Amb. +5 to 70	Amb. +5 to 70
Timer (min)	0 -99	0 -99	0 -99	0 -99	0 -99	0 -15	0 -15
Valve outlet (inch)	3/8"	1/2"	1/2"	1/2"	1/2"	-	-
Voltage	220 -240	220 -240	220 -240	220 -240	220 -240	220 -240	220 -240
Cat. No.	**144630**	**144631**	**144632**	**144611**	**144612**	**144628**	**144629**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Options

Replacement lid	**144615**	**144616**	**144617**	**144618**	**144619**	**144613**	**144614**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Stainless steel replacement basket	**144622**	**144623**	**144624**	**144625**	**144626**	**144620**	**144621**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessory

Cat. No.	Description	€
144627	Cleaning solution - 1 litre	**N/A -**

WUC Ultrasonic baths

- Analogue or digital controller
- Stainless steel tank
- Drain valve 1/2" NPT on 10 and 22 l models
- Ultrasound 40 kHz





Model	WUC-A01H	WUC-A02H	WUC-A03H	WUC-A06H	WUC-A10H	WUC-A22H	WUC-D03H	WUC-D06H	WUC-D10H	WUC-D22H
Capacity (l)	1.2 l	1.8 l	3.3 l	6 l	10 l	22 l	3.3 l	6 l	10 l	22 l
Temperature range	Ambient or +65 °C (fixed)		Ambient to +85 °C				Ambient to +80 °C			
Heating power	86 W	86 W	172 W	172 W	258 W	275 W	172 W	172 W	258 W	344 W
Ultrasonic frequency	40 kHz									
Max. ultrasonic power	Up to 30 minutes						Up to 60 minutes			
Timer	5 l/min	5 l/min	5 l/min	5 l/min	5 l/min	5 l/min	5 l/min	5 l/min	5 l/min	5 l/min
Int. Dim. W x D x H (mm)	150 x 135 x 60	150 x 135 x 100	240 x 140 x 100	290 x 150 x 150	290 x 240 x 150	500 x 300 x 150	240 x 140 x 100	290 x 150 x 150	290 x 240 x 150	500 x 300 x 150
Ext. Dim. W x D x H (mm)	200 x 200 x 190	200 x 200 x 240	320 x 200 x 290	370 x 220 x 350	434 x 320 x 360	640 x 380 x 370	320 x 200 x 290	360 x 220 x 350	440 x 320 x 360	640 x 380 x 370
Cat. No.	**046768**	**046769**	**046770**	**046771**	**046772**	**046773**	**046774**	**046775**	**046776**	**046777**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessories

Cat. No. stainless steel basket	-	**046778**	**046779**	**046780**	**046781**	**046782**	**046779***	**046780***	**046781***	**046782***
Basket Dim. W x D x H (mm)	-	120 x 105 x 65	215 x 115 x 65	247 x 123 x 96	262 x 206 x 93	452 x 263 x 93	215 x 115 x 65	247 x 123 x 96	262 x 206 x 93	452 x 263 x 93
€	-	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

* Basket included with digital models.

Accuris Mini portable scales

- Automatic switch-off after one minute of inactivity
- Supplied with a protective cover for transport
- Battery operated (2 x AAA batteries)

Capacity (g)	100	500
Display	LCD display	
Accuracy (g)	0.01	0.1
Repeatability (g)	0.01	0.1
linearity (g)	± 0.01	± 0.1
Calibration	External	
Tray dimensions W x D (mm)	53 x 57	
Total dimensions W x D x H (mm)	66 x 99 x 19	
Weight (kg)	0.2	
Power supply	2 AAA batteries	
Cat. No.	**062610**	**062609**
€	**N/A -**	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

WEIGHING TABLE / GLOVE BOXES

Weighing table



Weighing table designed to absorb shocks and oscillations that could distort measurement results.

- **Polished granite plate (34 kg) as an integrated work surface, supported on absorbent rubber elements**
- **Work table with aluminium profile frame and height adjustable legs**
- **Dimensions**
  - L x D x H table: 770 x 650 x 815 mm
  - L x D x H tray: 400 x 450 x 70 mm

Cat. No.	Description	€
0151006B	Weighing table	N/A -

Mini glove box



- **Acrylic chamber (PMMA)**
- **Temperature resistant from -20 ° C to +70 ° C**
- **Rubber feet**
- **Side openings for gloves**
- **Lightweight, easily transportable**

Ext. Dimensions W x H x D (mm)	300 x 400 x 400
Int. Dimensions W x H x D (mm)	290 x 390 x 390
Volume (l)	34
Weight (kg)	5.7
Max. load (kg)	10
Opening for gloves (mm)	190
Cat. No.	**499108**
€	**N/A -**

Glove boxes



- **For safe and contamination-free sample handling**
- **Panels made of clear acrylic (PMMA); light and rigid aluminium frame (total weight 14 kg); base panel made of PE**
- **Temperature resistant from - 20 °C à + 70 °C**
- **Hermetic**
- **Gas filling connector with self-closing valve**
- **Ext. dim. / int. W x H x D: 890 x 700 x 600 mm / 850 x 500 x 540 mm**
- **Max. load approx. 40 kg**
- **Supplied with quick connection, olive and size 9 gloves**

Optional: 2-door airlock for sample introduction

- **Capable of holding a 1000 ml bottle**
- **Safety system to prevent simultaneous opening of both doors**
- **Ext. dim. / int W x H x D: 320 x 330 x 260 mm / 220 x 275 x 320 mm**

Cat. No.	Description	€
490942	Glove boxes	N/A -
490941	Glove box + airlock	N/A -

Gloves for glove box

- **Ambidextrous gloves**
- **Suitable for 190 mm diameter opening**
- **Length 750 mm**
- **Made of natural rubber, antistatic**
- **Tear, puncture and abrasion resistant**



Size	7	8	9	€ the pair
Cat. No.	490943	490944	490945	N/A -

Gas regulator for glove box



- **Regulates the gas inlet to the glove box to reduce gas consumption**
- **Supplied with sensor, tubing to connect the flow meter to the measuring instrument and power cable**
- **Power supply: 230 V / 50 Hz**

Humidity range	0 - 50 % rF / rH
Temperature range	- 20 °C to 60 °C
Display range	0.1 - 99 %, - 30 °C to 70 °C
Precision sensor	0.1 rF/rH, 0.1 °C
Gas flow meter (l/min)	2-10
Sensor length (m)	1.2
Weight (kg)	1.8
Cat. No.	**499109**
€	**N/A -**

KINEMATICA Laboratory Mixers

Model	MB 550 Mixer	MB 800 Mixer
Working volume	125, 250, 500, 1000 ml	2000 or 4000 ml
Rotation speed range	1 up to 15 000 min^{-1}	1 up to 17 000 min^{-1}
Power (W)	550	800
Noise level	Approx. 72 dB(A) at 15 000 min^{-1}	Approx. 79 dB(A) at 17 000 min^{-1}
Supply voltage	230 V ± 10 %, 50 Hz / 60 Hz	230 V ± 10 %, 50 Hz / 60 Hz
Weight (kg)	4.4	5.3
Cat. No.	**497600**	**497601**
€	**N/A -**	**N/A -**

- **Mixer crusher with blades for mixing, dispersing, homogenizing and emulsifying**
- **Robust, reliable and easy to use**
- **2 versions available: MB550 up to 1000 ml and MB800 up to 4000 ml**
- **Capacity: bowls from 125 ml to 4000 ml (to choose from)**
- **On/Off switch**
- **Speed control: rotary control and smooth adjustment**
- **Variable speed: from 1 to 17000 rpm depending on model**
- **Ergonomic: easy bowl change, easy cleaning at the laboratory washer**
- **Different borosilicate glass bowls for Model MB550 with protective lid required**
- **Different stainless steel bowls for the MB800 model**
- **Mixers to equip with a safety bowl and lid or steel bowl**



Bowls and lids for MB 550 mixer

Cat. No.	Description	€
497602	125 ml borosilicate glass grinding bowl with cutter head*	**N/A -**
497603	250 ml borosilicate glass grinding bowl with cutter head*	**N/A -**
497604	500 ml borosilicate glass grinding bowl with cutter head*	**N/A -**
497605	1000 ml borosilicate glass grinding bowl with cutter head*	**N/A -**
497608	Safety lid for 125 ml bowl	**N/A -**
497609	Safety lid for 250 ml bowl	**N/A -**
497610	Safety lid for 500 ml bowl	**N/A -**
497611	Safety lid for 1000 ml bowl	**N/A -**

* Must be completed with a safety lid.

Bowls and lids for MB 800 mixer

Cat. No.	Description	€
497606	2000 ml stainless steel grinding bowl with cutter head	**N/A -**
497607	4000 ml stainless steel grinding bowl with cutter head	**N/A -**

Waring Blendor 4 litre laboratory blender

Capacity	4 litres
Buttons	Off-Lo-Med-Hi-Pulse
Speed (rpm)	15800, 18000 and 20800
Base	Grey epoxy coated stainless steel case
Containers	Stainless steel + lid in polycarbonate and rubber seal
Blades	Stainless steel
Height	66 cm
Weight	17.2 kg
Cat. No.	**087137**
€	**N/A -**

Laboratory mixer with 4 litre stainless steel container.

- **Preselected speed**
- **Supplied with lid**



Find containers and accessories on www.dulis.nl



Analytical grinder

Grinder for hard and breakable substances.

Max. speed (rpm)	28 000
Max. useful volume (ml)	80
Max. particle size of the charge (mm)	10
Dimensions (mm)	85 x 240 x 85
Weight (kg)	1.5
Cat. No.	**250093**
€	**N/A -**



Laboratory grinder

High performance grinder for powdering in a few seconds, products such as seeds, spices, nuts.

- **Lid safety lock**
- **Brushed metal body**
- **PULSE function to select the desired granularity**
- **Supplied with 3 bowls with storage lid**
- **Stainless steel container and grinding blades**
- **Warranty: 1 year**

Speed	19000 rpm
Dimensions (LxWxH)	120.6 x 139.7 x 210.8 mm
Weight	5.9 kg
Cat. No.	**087116**
€	**N/A -**



All prices are indicative and exclude VAT. Visit www.dulis.nl

Stomacher® 400 Homogenising Grinder





1-space rack



10-space rack

Dual action mixing and stirring grinder for homogenisation of the samples directly in sterile bags. The bag round bottom, combined with the circular shape of its blades ensure optimal recovery of cells and organisms in the samples to be processed.

- **Digital speed and time display**
- **3 possible speed and time settings for repeatability**
- **From 80 ml to 400 ml**

Cat. No.	Description	€
3193153	Stomacher® 400 Circulator	N/A -

Racks and accessories for Stomacher® 400

Cat. No.	Description	€
3193178	1-space rack	N/A -
3193179	10-space rack	N/A -
3193181	Bag opening device	N/A -
3193183	Clip for bag closure (200 units)	N/A -

Sterile bags for Stomacher® 400

- **Sterile round-bottom for Stomacher® 400 only**
- **Optimal sample recovery**
- **Filter sterile for easy sample recovery without clogging**

Cat. No.	Description	Bags size (mm)	Sample Volume (ml)	Units/ box	€/ box
3193168	Standard bag	177 x 305	80 - 400	10 packs of 50 (500)	N/A -
3193171	Sterile bag with closure	177 x 305	80 - 400	10 packs of 25 (250)	N/A -
3193172	Sterile bags with filter	177 x 305	80 - 400	10 sets of 20 (200)	N/A -

Stomacher® 80 biomaster and biomaster 80 microbiomaster



Grinder with alternate blade movements, for sample treatment between 250 µl and 80 ml.
2 models available: the Stomacher® 80 Biomaster and the Stomacher® 80 Microbiomaster. The microbiomaster has a mechanism for processing samples between 250 µl and 80 ml.

Stomacher® 80 Microbiomaster

- **For volumes from 250 µl to 80 ml (directly in sterile bags)**
- **Processing of small volumes of 250 µl (V-bottom micro-bags)**
- **Adjustable door (turning knob) to reduce or increase the distance between the door and the blades as require**

Cat. No.	Description	€
3193152	Stomacher® 80 Microbiomaster	N/A -

Stomacher® 80 Biomaster

- **For volumes from 5 ml to 80 ml directly in sterile bags**

Cat. No.	Description	€
3193151	Stomacher® 80 Biomaster	N/A -



10-space rack
3193177

Sterile bags and racks

Cat. No.	Description	Bags size (mm)	Volume samples	Units/ box	€/ box
3193157	Sterile bag	105 x 155	5 - 80 ml	40 packs of 50 (2000)	N/A -
3193158	Sterile bag with closure	105 x 155	5 - 80 ml	10 packs of 20 (200)	N/A -
3193159	Sterile bags with filter	105 x 155	5 - 80 ml	10 packs of 20 (200)	N/A -
3193160	Sterile bag with closure and filter	105 x 155	5 - 80 ml	10 packs of 20 (200)	N/A -
3193177	10-place rack for Stomacher® 80 bag	-		1	N/A -

Sampling pipette and straw tips for Stomacher® 400 and 80 bags



The straw tips allow you to reach the bottom of the bags due to their length of 190 mm or 240 mm, avoiding contamination and touching the pipette itself.

Cat. No.	Description	Units/ bag/	Units/ box	€/ box
041120	Acura 810 Fixed Volume Sampling Pipette	-	1	N/A -
041110	Sterile straw pipette 1.1 ml, length: 190 mm	25	1000	N/A -
041115	Sterile straw pipette 2.2 ml, length: 240 mm	25	1000	N/A -

Stomacher® 3500 and Stomacher® 3500 Thermo

For mixing large volumes of samples up to 3500 ml.
A model with a heating resistor has been specially designed for the treatment of certain samples.

- **For volumes from 1000 and 3500 ml directly in sterile bags**
- **Heating up to 50 °C (Stomacher® 3500 Thermo only)**

Cat. No.	Description	€
3193154	Stomacher ®3500	N/A -
3193156	Stomacher® 3500 Thermo	N/A -



3-space rack



Sterile bags and racks

Cat. No.	Description	Bags size (mm)	Volume samples (ml)	Units/ box	€/ box
3193173	Standard sterile bag	380 x 510	400 - 3500	5 packs of 50 (250)	N/A -
3193174	Standard reinforced sterile bag	380 x 510	400 - 3500	10 packs of 20 (200)	N/A -
3193180	3-space rack	-	-	1	N/A -



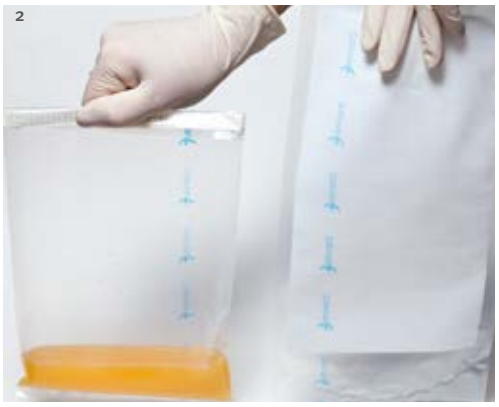






Photo 1: Sterile bags; from left to right:
- standard sterile bag for Stomacher® 400;
- micro sterile bag for Stomacher® micro 80;
- sterile bag with closure for Stomacher® 400;
- micro bag with closure;
- standard bag for Stomacher 400.

Photo 2: left, sterile bag with closure for Stomacher® 80.
Right: Sterile filter bag for Stomacher® 400.

Photos 3 and 4: Sterile bag with filter and closure.

MiniMix CC Mixer



Mixer bags: see next page

TIP



Laboratory mixer for small samples from 5 to 80 ml.
Precise, compact and equipped with a multifunctional digital display and the Click and Clean® system for complete cleaning of the blades and mixing chamber.

Cat. No.	Description	€
150319	MiniMix CC mixer with window	N/A -
140822	MiniMix CC mixer, closed	N/A -

BagMixer P Mixers



No direct contact with the treated sample, thus avoiding any risk of contamination. A timer allows you to set the mixing time.
BagMixers are suitable for 80 ml and 400 ml bags.

Cat. No.	Description	€
140820	BagMixer 400P mixer, closed	N/A -

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Bags for mixers

Full surface sterile bags BagPage®

Large filtration area particularly suitable for the preparation of thick samples.
Model BagPage® Plus: sealing on the top of the bag to make it easier to locate the sampling compartment.
Model BagPage® R: The filter is made of non-woven material.

Cat. No.	Description	Vol. (ml)	Dimensions (mm)	Pack unit.	Units/ cardboard box	€/ cardboard box
140810	Full filter bag BagPage® surface	100	95 x 180	25	500	N/A -
140811	Full filter bag BagPage® Plus surface	400	190 x 300	25	500	N/A -
150311	Filter bag BagPage® R	400	190 x 300	25	500	N/A -
140812	Full filter bag BagPage® Plus surface	3500	380 x 510	10	100	N/A -

Sterile bags without filter

For the preparation, transport and storage of samples. Freezing possible down to -80 °C.

Cat. No.	Description	Vol. (ml)	Dimensions (mm)	Pack unit.	Units/ cardboard box	€/ cardboard box
140800	Sterile bag without filter	80	100 x 150	25	1500	N/A -
140801	Sterile bag without filter	400	180 x 300	25	500	N/A -
140803	Sterile bag without filter	3500	380 x 510	25	500	N/A -

BagOpen® Bag holder

To hold the bag open during filling.

Cat. No.	Description	Units/ cardboard box	€/ cardboard box
150390	Bagopen® 100 ml Bag holder	1	N/A -
140825	Bagopen® 400 ml Bag holder	1	N/A -
150314	Bagopen® 3500 ml Bag holder	1	N/A -

BagFilter® Lateral filter bag

Equipped with a lateral filter allowing to collect the solution to be analysed free of fibres, either by pipetting with BagPipet® and straw pipettes, or by simple pouring.

Cat. No.	Description	Vol. (ml)	Dimensions (mm)	Pack unit.	Units/ cardboard box	€/ cardboard box
140807	Filter bag BagFilter®/pouring	400	190 x 300	25	500	N/A -
140802	Filter bag BagFilter®/pipetting	400	190 x 300	25	500	N/A -
150391	Filter bag BagFilter® PCR pull-up/pipetting, small volumes	400	190 x 300	25	500	N/A -
140804	Filter bag BagFilter®/pipetting	3500	380 x 510	10	100	N/A -

BagLight® sterile bags

Economical sterile bags for mixers.

Cat. No.	Description	Vol. (ml)	Dimensions (mm)	Pack unit.	Units/ cardboard box	€/ cardboard box
150308	BagLight®	100	110 x 85	25	500	N/A -
150309B	BagLight®	400	180 x 290	25	500	N/A -
150310B	BagLight®	3500	380 x 560	25	250	N/A -

Stainless steel rack for mixer/grinder bags BagRack®

Cat. No.	Description	€
140826	Stainless steel rack for 12 x 400 ml mixer/grinder bags	N/A -
140826B	Stainless steel rack for 14 x 400 ml mixer-grinder bags	N/A -

BagClip® 400 ml closure strips for Stomacher bags

Allows all types of bags to be closed by pinching.

Cat. No.	Description	Units/ cardboard box	€/ cardboard box
140827	Closing strip width 195 mm for 400 ml bags	50	N/A -
150332	Closing strip for 80 and 100 ml bags	50	N/A -
150312	Closing strip for 3500 ml bags	50	N/A -
688238	Closing strip 230 mm length	1000	N/A -
688238A	Closing strip 230 mm length	200	N/A -

ClearLine® Sterile Microbiology Mixer-Mill Bag

ClearLine®

- **In sterile natural HDPE**
- **Without filter**
- **Dimensions: 180 x 300 mm**

Cat. No.	Description	Units/ box	€/ box
855133	Sterile Microbiology Mixer Bag	500	N/A -

Round Flask heaters



- **Digital temperature display**
- **Heat up to 450 °C**
- **Steel**
- **Moulded silica insulation**
- **Fibreglass-coated heating element**

Model ES (446776B):
- equipped with an integrated magnetic stirrer
- Stirring speed: 100 - 1000 rpm

Cat. No.	Description	€
Heating mantles without stirrer		
446774B	Heating mantles 0-450 °C, 250 ml - 150 W	N/A -
446775B	Heating mantles 0-450 °C, 500 ml - 260 W	N/A -
446777B	Heating mantles 0-450 °C, 1000 ml - 350 W	N/A -
Heating mantles with stirrer		
446776B	Heating mantles with stirrer 0-450 °C, 250 ml	N/A -

MM Series Semi-Rigid Heating Mantles

- Steel case, epoxy paint
- Thermal insulation with ceramic fibre
- Thermoregulation
- With ON/OFF button
- 230V – 50-60 Hz
- Security class o
- IP 30



Flask diameter (mm)	64	85	105	131	166
Flasks capacity (ml)	100	250	500	1000	2000
Temperature °C	350	350	350	350	450
Accuracy °C	± 5	± 5	± 5	± 5	± 5
Heating capacity (W)	130	180	250	450	600
Dimensions (øxH in mm)	185 x 145	185 x 145	205 x 150	245 x 175	310 x 210
Weight (kg)	1.5	1.5	1.8	2.4	5
Cat. No.	**396000**	**396001**	**396002**	**396003**	**396004**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Spotflam

- Flame pen
- Flame temperature: 1 750 °C
- Heating temperature adjustable with one hand
- Autonomy of more than 5 hours
- Supplied with C360 cartridge (Cat. No. 060311)
- Supplied with a soldering iron tip



Cat. No.	Description	€
071129	Spotflam	**66.N/A -**
060311	Butane gas cartridge 52 g CV360 (the 6)	**N/A -**

Safe alcohol lamp

- Screwed candle ring
- Alcohol volume: 100 ml
- Flask width: 7.5 cm
- Total height with cap: 9.5 cm
- Supplied complete with wick, candle ring, cap, flask



Cat. No.	Description	€
068811	Complete alcohol lamp	**N/A -**
068812	Spare wick	**N/A -**

FlameBoy

The FlameBoy is a flaming gun with piezoelectric ignition. It is available in two versions, one that can be connected to a central gas supply, the other using gas cartridges so that it can be used independently. The FlameBoy is particularly well suited to on-site sterilisation.



Cat. No.	Description	€
060400	FlameBoy with threaded connector	**N/A -**
060401	FlameBoy with adapter for gas cartridge	**N/A -**

Accessories for FlameBoy

Cat. No.	Description	Units/ cardboard box	€/ cardboard box
060410	Adapter for cartridge connection for independent use	1	**N/A -**
060311	Butane gas cartridge 52 g CV360	6	**N/A -**

Matches

Practical, in a box of 240.



Cat. No.	Description	€ the 3 x 240
006791	Box of Matches	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Labogaz

Burner:
071109



060415 and 071135



Portable and autonomous auxiliary burner on butane gas cartridge. No installation required.

- **Autonomy: 3.5 hours minimum**
- **Flow rate adjustment**
- **ø x H (mm) 90 x 200 (130 mm cartridge + 70 mm burner)**

Labogaz 470

Can be screwed directly onto a CV 300 Plus (240 g) or CV 470 (450 g) cartridge using a ring.

Cat. No.	Description	€
071109	Labogaz 470 burner (without cartridge)	N/A -
060415	Butane valve cartridge CV 470 Plus (450 g)	N/A -
071135	Butane valve cartridge CV 300 Plus (240 g)	N/A -

Bunsen burners



Teclu Bunsen burners

- **Air regulation**
- **Pilot flame**
- **Max. 1300 °C**

Cat. No.	Description	Type of gas	€
076476	Teclu Bunsen burner 1.53 KW	Natural	N/A -
076477	Teclu Bunsen burner 2.32 KW	Propane	N/A -



Teclu burner with needle valve

- **Air regulation**
- **Pilot flame**
- **Max. 1300 °C**

Cat. No.	Description	Type of gas	€
076485	Teclu Bunsen burner 1.53 KW	Natural	N/A -
076486	Teclu Bunsen burner 2.36 KW	Propane	N/A -



Bunsen burners

- **Air regulation**
- **Max. 1300 °C**

Cat. No.	Description	Type of gas	€
076472	Bunsen burner 1.53 KW	Natural	N/A -
076473	Bunsen burner 2.36 KW	Propane	N/A -



Bunsen burner with needle valve

- **Air regulation**
- **Pilot flame**
- **Max. 1300 °C**

Cat. No.	Description	Type of gas	€
076482	Bunsen burner 1.53 KW	Natural	N/A -
076483	Bunsen burner 2.36 KW	Propane	N/A -



424015 424014

Meker burner

- **Air regulation**
- **Control valve (under the base for the multi-gas version)**
- **Tube Ø: 28 mm**
- **Head Ø: 32 mm**
- **Weight: 390 g**

Cat. No.	Description	€
424014	Meker burner for natural gas	N/A -
424015	Multi-gas Meker burner	N/A -



Micro burner with needle valve

- **Air regulation**
- **Max. 1000 °C**

Cat. No.	Description	Type of gas	€
076480	Micro Bunsen burner	Natural	N/A -
076481	Micro Bunsen burner	Propane	N/A -

Cartridge burner

- Needle valve
- Air regulation
- 4 burner models designed to be used only with gas cartridges with a special nozzle that fits only on these burners

Cat. No.	Description	Temperature (°C)	€
424000	Teclu Bunsen burner	1450	N/A -
424001	Bunsen burner	1420	N/A -
424002	Micro burner	1300	N/A -
424003	Bunsen burner, high performance	1550	N/A -

Gas cartridge

220 g, 400 ml, specially designed for the above burners.

Cat. No.	Description	€
424004	Gas cartridge	N/A -



Butane burners with refillable tank

- Piezoelectric ignition
- Maximum temperature 1300 °C
- Adjustable flame
- Refillable butane tank
- Available in torch and bench burner formats with either vertical or oblique flame



Model	Dragon 100 torch burner	Dragon 200 vertical flame benchtop burner	Dragon 220 slant flame bench top burner
Tank capacity (g)	40	35	35
Autonomy (min)	60	60	60
Dimensions L x D x H (mm)	137 x 79 x 161	115 x 79 x 92	115 x 78 x 94
Cat. No.	886044	886045	886046
€	N/A -	N/A -	N/A -

Gas tubing with clamps or collar

Cat. No.	Model	Inn. ø x out. ø (mm)	Length (m)	€
071118	Normagaz for butane*	6 x 12	1.5	N/A -
147600	Normagaz for natural gas**	12 x 18	2	N/A -
071121	Sertigaz for natural gas	15 x 22	1.25	N/A -

* with collars, blistered ** without collar

Gas hoses

Cat. No.	Inn. ø x out. ø (mm)	Tip ext. ø (mm)	Length	€
091853	10 x 14	20	500 mm	N/A -
091854	10 x 14	20	600 mm	N/A -
091855	10 x 14	20	750 mm	N/A -
091856	10 x 14	20	1000 mm	N/A -

Electric burner 800 - 1000 °C

Ideal for working in a fume hood.

- Corrosion-resistant metal housing
- The conical heating element concentrates the radiation towards the top of the burner
- Easy to change the heating element
- Height: 180 mm
- Economic: 400 W
- Power supply 230 V - 50 Hz

Cat. No.	Description	€
078522	Electric burner 800 - 1000 °C	N/A -



BECELEC 2 electric burner

- Alternative to the Bunsen burner
- Elevated heat flow generated by the combination of a resistance and a reflective bowl
- Reaches 720 °C in less than 4 minutes
- Dimensions (L x W x H): 31 x 20 x 11 cm
- Power: 500 W
- Weight: 1.7 kg
- Diameter of heating zone: 130 mm
- Not suitable for burning-in glass pipettes

Supplied complete with:
- Rod
- Glassware holder
- Stainless steel cup
- Petri dish holders



Cat. No.	Description	€
446772	BECELEC 2 electric burner	N/A -

Accessory

Cat. No.	Description	€
446778	1000 ml flask Gel Flam for BECELEC 2 burner	N/A -

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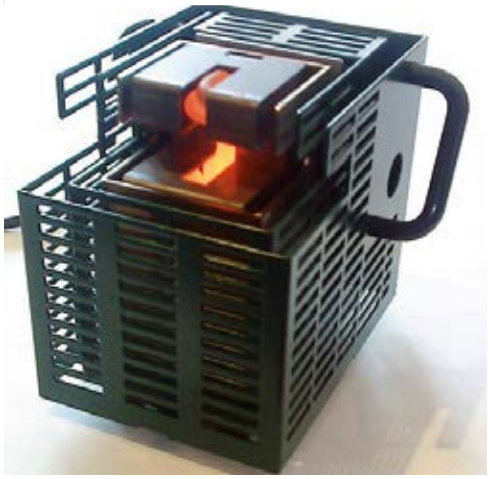
Universal burner



- For microbiology, bacteriology and dentistry
- Provide a one-off heat or fusion input
- Multiple instantaneous ignition with push button
- Built-in safety lock prevents accidental ignition
- Flame intensity regulator
- Fills with gas using a simple lighter refill
- For butane gas
- Long ignition time
- Powered by 1.5 V battery

Cat. No.	Description	€
341022	Universal burner	N/A -

MICROBIO Electric Burner



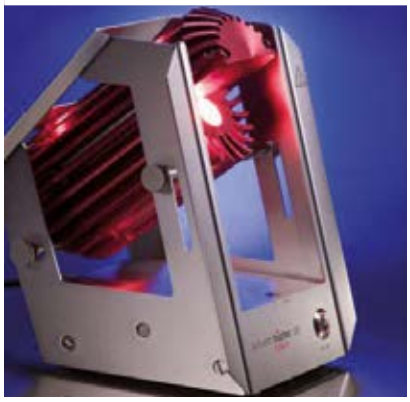
- Allows the creation of a sterile space and work on glass
- Multiple applications: sterilization, seeding and pouring of Petri dishes, transplanting, creation of Pasteur pipettes and rakes, boiling, heating
- Temperature: 880 °C in the high temperature part and 750 °C on the surface
- 2 handles for safe movement
- Fast fuse protection: F.5A.H.250V
- Red power light
- Can be connected:
  - either directly to a 230 V mains socket, to obtain a constant maximum power; - or combined with a temperature controller, for easy and stable temperature adjustment

Dimensions L x W x H (mm)	145 x 110 x 130
Weight	2.3 Kg
Power	550 W
Sector	230 V - 50 Hz
Cat. No.	063114
€	N/A -

Accessories

Cat. No.	Description	€
063115	Temperature regulator	N/A -
063117	MICROBIO stand with 2 stative rods + 1 plate-forme perforée	N/A -

Solaris Electric Burner



Solaris electric burner to sterilise your inoculation handles, forceps and small instruments easily, quickly and safely.

- Instant use with no waiting time
- Infrared detection in the sterilisation cylinder, switch-free ignition
- 4 tilt angles available, convenient instrument holding
- Programmable 5 or 7 second sterilisation, facilitating the sterilisation of many instruments in a row

Sterilisation T°	900 - 1300 °C
Power	500 W
Power supply	200-240 V , 50-60 Hz
Cat. No.	159604
€	N/A -

Accessory

Cat. No.	Description	€ 2 units
159605	Quartz tube for Solaris	N/A -

Fuego Safety Burners



- Stainless steel and glass case
- UV and solvent resistant
- Safety system with residual heat display
- Removable Stainless steel and ceramic burner head, autoclavable
- Fuego and Fuego pro model customizable with 2 user accounts
- Supplied with an holding device for 3 inoculation loops

Model	Fuego Basic	Fuego Basic RF	Fuego	Fuego Pro
Control pedal	Wired (included)	Radio transmitter (included)	-	-
Infrared sensor	-	-	By click or double-click	
Alarms	Visual		Audible and visual	
Thermoregulation on heated solution	-		From + 35 to + 350 °C	
Dimensions W x D x H (mm)	103 x 130 x 49			
Weight (kg)	0.7			
Power supply	100-240V, 50-60 Hz			
Battery operation	-	-	-	2 x AA
Cat. No.	788010	788011	788012	788013
€	N/A -	N/A -	N/A -	N/A -

* Fuego and Fuego Pro compatible only.

Accessories

Cat. No.	Description	€
788014	Protective screen	N/A -
788015	Adapter for thermocouple probe *	N/A -
788016	Type K immersion thermocouple probe *	N/A -
788017	Adapter for C360 cartridges	N/A -
060311	Butane gas cartridge 52 g CV360 (6 units)	N/A -
788018	Adapter for C206 cartridges	N/A -
110589	C206 cartridge (6 units)	N/A -

Dragon 300 and 320 electric burners

- For sterilising needles, inoculation loops and the neck of culture tubes
- Adjustable temperature (850 °C maximum)
- Combustion chamber angle adjustable from 45 to 75 °
- Holder for the proper insertion of the material to be sterilized
- 2 versions* OpeningØ 16 mm (886047) or 37 mm (886048)

Model	Dragon 300 electric burner	Dragon 320 electric burner
Temperature range (°C)	RT+20 to 850	
Power (W)	180	
Chamber diameter (mm)	16	37
Dimensions (L x D x H)(cm)	9 x 17 x 21	9 x 19 x 21.5
Weight (g)	1128	1098
Cat. No.	**886047**	**886048**
€	**N/A -**	**N/A -**



886047 886048

Fireboy Plus Electronic Burner

- Electronic burner with safety sensor
- Mobile, compact and durable
- Dual-pass flame ignition sensor technology for your safety
- Fully secured against gas leaks
- New body and new design resistant to UV and solvents
- Three modes of operation: continuous, sensor or pedal
- Simple and intuitive control screen

Cat. No.	Description	€
060420	Fireboy Plus: electronic safety burner with sensor, flame monitor and overheating protection, without foot switch, complies with CE regulations	**N/A -**
060422	FIREBOY eco: electronic safety burner with foot switch	**N/A -**



060422 060420

Accessories

Cat. No.	Description	€
060423	Rechargeable* Battery 3.6 V / 2000mAh	**N/A -**
060316	Control pedal	**N/A -**
060311	Butane gas cartridge 52 g CV360 (6 units)	**N/A -**
060433	Chimney shape burner head	**N/A -**

* compatible only with Fireboy Plus

Phoenix II Safety Burner

- For flame sterilisation of instruments or bottle necks
- Hands free
- Stainless steel
- Digital display of the ignition time
- Gas savings of up to 80 %
- Resistant to UV
- Flame sterilisable
- Integrated instrument holder
- Sensor, hand or foot operated
- Multi-language display
- Works with batteries



Operating time	1 sec - 120 min
Voltage	100 -240 V AC, +/- 5 %, 50-60 Hz
Adapter	6 V DC, 3 VA max.
Gas connection clip	Inner diameter 10 mm
Natural gas working pressure	20 mbar
Propane/butane working pressure	50 mbar
Cartridge contents	CV360: Butane 52 g C 206: Butane 190 g
Natural gas consumption	0.06 cbm/h
Propane/butane consumption	77.2 g/h
Dimensions (L x H x D):	125 x 85 x 160 mm
Approx. weight	1 kg

Cat. No.	Description	€
110578	Phoenix II safety burner with pedal	**945.N/A -**

Accessories

Cat. No.	Description	€
110580	Phoenix II adapter for cartridge CV 360	**N/A -**
110581	Phoenix II adapter for cartridge C 206	**N/A -**
060311	Butane gas cartridge 52 g CV360 (6 units)	**N/A -**
110589	Cartridges C 206 (6 units)	**N/A -**
071108	Cartridge C 206 per unit	**N/A -**

Many accessories available on request.

All prices are indicative and exclude VAT. Visit www.dulis.nl

Microcentrifuge capacity 8 microtubes





Speed selection button on the back of the unit.

- **Supplied with two rotors**
- **Ultra high performance, ultra quiet**
- **Robust and easy to use**

Max. capacity	8 x 1.5/2ml microtubes or 2 strips of 8 x 0.2 ml microtubes
Speed (rpm)	3 speeds: 4000, 7000 or 10000
RCF acceleration (g)	900, 2910 or 5610 with microtube rotor
Number of rotors	2 Rotors included
L x D x H (mm)	155 x 175 x 125
Power supply	AC 85-240V
Cat. No.	**141097**
€	**N/A -**

Individual microcentrifuge



For short centrifugations and microfiltration.

- **On/off switch**
- **Long-lasting lid**

Delivered with:
- rotor for 1.5/2 ml microtubes,
- rotor for 8 x 0.2 ml PCR microtubes strip,
- adapters for 0.2 ml tubes, and adapters for 0.5 ml tubes.

Maximum capacity	8 x 1.5/2 ml microtubes or 4 strips of 8 x 0.2 ml microtubes
Number of rotors	2 Rotors included
Speed (rpm)	6500
RCF acceleration (g)	2000
Dim W x L x H (mm)	145 x 160 x 132
Weight (kg)	1.12
Cat. No.	**531003**
€	**N/A -**

Prism Mini Microcentrifuge



- **Benchtop microcentrifuge for 1.5/2 ml microtubes and PCR strips**
- **Start/stop system by opening/closing the cover**

Capacity	8 x 1.5/2 ml tubes or 4 PCR strips (including rotors)
Speed	6000 rpm
Acceleration	2000 g
Dimensions (cm)	13.2 x 13.2 x 11.2
Weight (kg)	0.55
Power	120V or 230V, 50/60 Hz
Cat. No.	**096647**
€	**N/A -**

Accessory

Cat. No.	Description	€
096814	Replacement rotor for 4 strips of 8 microtubes	**N/A -**

ClearLine® Microcentrifuge for microtubes

Microcentrifuge for 2 ml, 1.5 ml, 0.5 ml (to be placed in 1.5 ml microtubes) or 0.2 ml microtubes.
Supplied with 2 rotors: one rotor for 6 microtubes 1.5 / 2 ml and one rotor for 2 strips of 8 PCR microtubes 0.2 ml.

- **Off-On switch**
- **Stable muffler**
- **Lockable translucent lid**
- **Fixed angle rotor**



Maximum capacity	6 x 1.5 ml microtubes or 2 x 8 microtube strips
Speed (rpm)	6000
RCF acceleration (g)	2000
Timer	No
Number of rotors	1 rotor for 6 microtubes and 1 rotor for 2 strips included
Cat. No.	**037997**
€	**N/A -**

MyFuge 12 Mini Centrifuge

- **Power: 100 to 240 V, 50-60 Hz**
- **12 microtubes and 4 PCR tube strips can be centrifuged simultaneously**

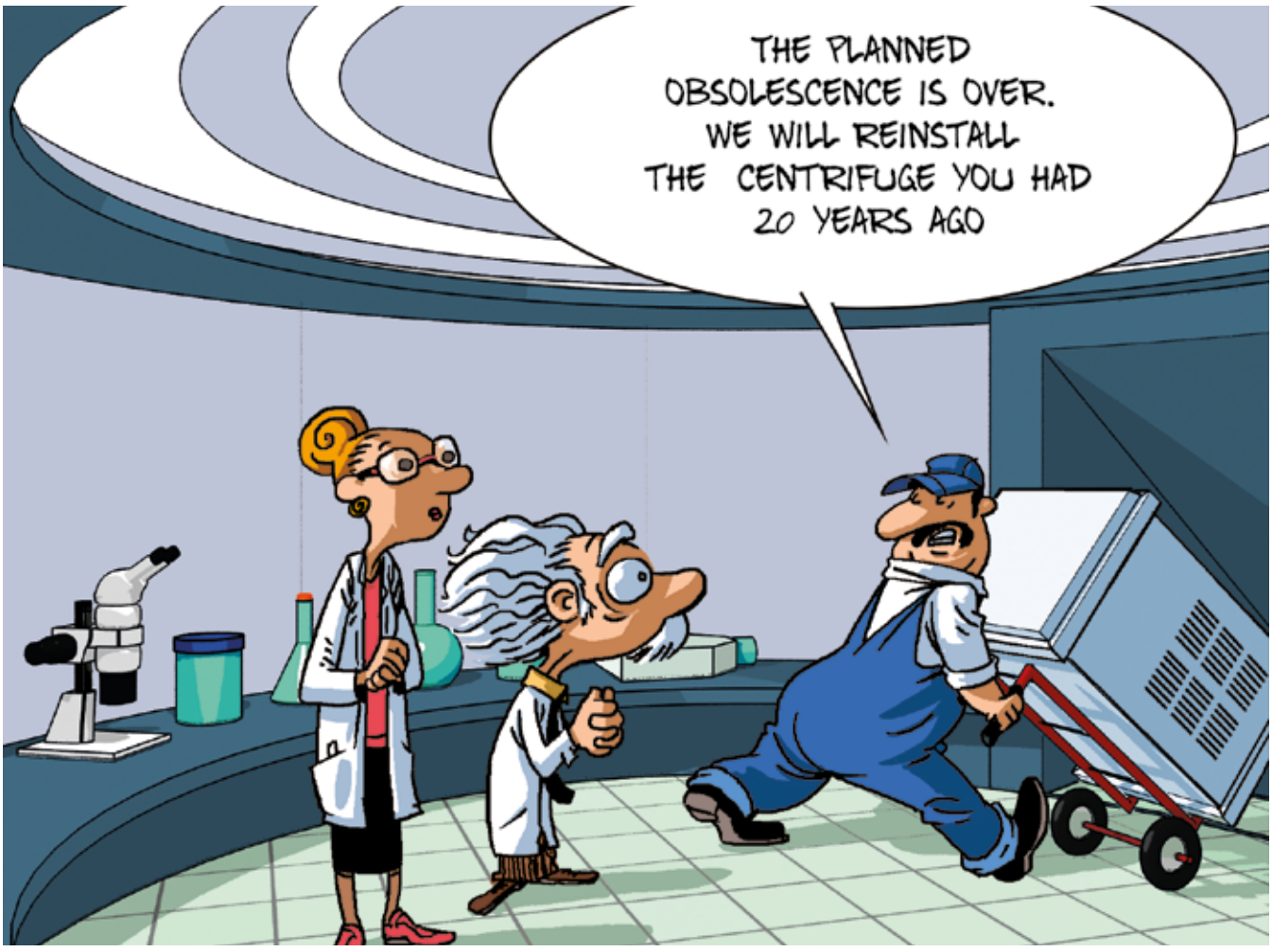




A single rotor for tubes and tube strips

Maximum capacity	12 x 1.5 and 2 ml tubes and 32 x 0.2 ml PCR tubes (or 4 strips of 8 x 0.2 ml PCR tubes)
Speed (rpm)	5500
RCF acceleration (g)	2000
Number of rotors	1 rotor included
Ø x W x H (cm)	14 x 20 x 11.20
Weight (kg)	5
Cat. No.	**060973**
€	**N/A -**

Cat. No.	Description	€
060974	Adapter for 0.5 ml tubes (6 units)	**N/A -**
060975	Adapter for 0.2 ml tubes (6 units)	**N/A -**



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Economic centrifuge for PCR plates



By centrifugation, all droplets on the walls of the tubes, and condensation droplets, are concentrated at the bottom of the tube.

- **Use before and after amplification to increase PCR yield**
- **Accepts all standard, skirted and unskirted PCR plates**
- **Compatible with all standard PCR plates, skirted and unskirted**

Maximum capacity	2 PCR plates
Speed (rpm)	2500
RCF acceleration (g)	500
L x D x H (mm)	190 x 210 x 183
Weight (kg)	3
Cat. No.	**096614**
€	**N/A -**

Axygen Mini Plate Spinner Centrifuge



- **Use before and after amplification to increase PCR yield**
- **Small footprint**
- **Compatible with all standard PCR plates, skirted and unskirted**

Capacity	2 PCR plates
Speed (rpm)	2500
Acceleration (g)	500
Operating temperature	4 °C to 35 °C
Dimensions W x D x H (mm)	190 x 210 x 183
Weight (kg)	3
Cat. No.	**431287**
€	**N/A -**

ClearLine® Microcentrifuge for PCR plates



Before and after centrifugation



During centrifugation



- **Unique free rotor design prevents splashing**
- **Smaller size**
- **Accepts all types of PCR plates, microplates, and Deepwell plates (with optional rotor)**
- **Warranty: 5 years**

Speed (rpm)	2100
RCF acceleration (g)	400
Capacity	2 PCR plates * or 2 microplates or 192 PCR tubes 0.2 ml or 24 strips of 8 tubes
Deceleration (s)	7
Dimensions (W x L x H) (mm)	230 x 260 x 197
Weight (kg)	4
Power	230 V, 50 Hz
Cat. No.	**062583CL**
€	**N/A -**

* Maximum capacity 4 plates in a stack (with optional deepwell rotor)

Adapter and rotor

Cat. No.	Description	€
062584	Adapter for 0.2 ml PCR tubes (2 units)	**N/A -**
062585	Rotor for Deepwell plates (max. height 35 mm)	**N/A -**

6K, D1008 or 10K microcentrifuges

- **Simple operation: automatic start and shutdown when the lid is closed/opened**
- **3 different rotors:**
  - **standard: 8 x 1.5/2 ml microtubes**
  - **PCR: 2 strips of 8 x 0.2 ml tubes (or 16 individual tubes)**
  - **coverslip**
- **All models are supplied with the standard rotor and adapters for 0.5 and 0.2 ml microtubes**

Model	Mini-6K	D1008	Mini-10k
Rotor compatibility	Standard, PCR and coverslip	Standard and PCR	Standard
Speed (rpm)	6000	7000	10000
RCF acceleration (g)	2000	2680	5000
Ext. dim. L x D x H (mm)	175 x 148 x 118		
Blue	531500	531501B	-
Green	-	861056B	-
Red	-	-	531502
€	N/A -	N/A -	N/A -



Accessories for Mini-6K

Cat. No.	Description	€
531505	Allen Key	N/A -
531503	PCR rotor for 2 strips of 8 x 0.2 ml microtubes	N/A -
531504	Rotor for slides	N/A -

Accessories for D1008

Cat. No.	Description	€
861059	Rotor for 8 x 1.5/2 ml tubes	N/A -
861060	Rotor for 2 strips of 8 x 0.2 ml microtubes	N/A -
861061	Adapters for 0.2 ml tubes (8 units)	N/A -
861062	Adapters for 0.5 ml tubes (8 units)	N/A -

MyFuge Centrifuge with coloured lid

To differentiate the workstations or manoeuvres!

- **Benchtop centrifuge supplied with two rotors:**
  - **rotor for 8 x 1.5 or 2 ml microtubes**
  - **rotor for 2 strips of 0.2ml PCR microtubes or 16 x 0.2ml PCR microtubes**
- **With adapters for 0.5 ml microtubes**
- **Storage compartment for strip rotor and microtube adapters**
- **Speed 6000 rpm**
- **2000 g**

Maximum capacity	8 x 1.5/2ml microtubes or 16 x 0.2 ml PCR microtubes
Speed (rpm)	6000
RCF acceleration (g)	2000
Number of rotors	2 included
L x D x H (mm)	114 x 149 x 114
Power	100 à 240 V, 50-60 Hz

Cat. No.	Description	€
062500	MyFuge Centrifuge transparent lid	N/A -
062501	MyFuge Centrifuge blue lid	N/A -
062502	MyFuge Centrifuge purple lid	N/A -
062503	MyFuge Centrifuge green lid	N/A -
062504	MyFuge Centrifuge red lid	N/A -



Microcentifuges for plates, strips and tubes

- **Concentrates droplets and condensation at the bottom of the tube**
- **For standard plates, skirted or unskirted**
- **The MPC-P25 can also centrifuge 8 x 0.2 ml strips and 0.2 ml tubes (adapters supplied)**
- **To be used before and after PCR amplification**

Model	Mini-P25	MPC-P25
Capacity	2 PCR plates	2 PCR plates, 2 Elisa plates, 2 x 12 strips 8 x 0.2ml or 2 x 96 tubes 0.2 ml
Max. speed (rpm)	2500	2200
Max centrifugal force (g)	500	480
Timer	-	0 - 10 min
Dim. (W x D x H) (mm)	190 x 220 x 186	290 x 360 x 140
Weight (kg)	2.1	3.6
Power supply	220 V, 50/60 Hz	
Cat. No.	531508	531509
€	N/A -	N/A -



Mini-P25



MPC-P25

All prices are indicative and exclude VAT. Visit www.dulis.nl

Lab jacks





Height-adjustable lab jacks.

Anodised aluminium lab jacks

Cat. No.	Tray Dim. (mm)	Mini/ maxi height (mm)	Dynamic load	Static load	€
090852	100 x 100	50/100	10	30	**N/A -**
090853	150 x 150	65/280	15	60	**N/A -**
090854	200 x 200	65/300	20	60	**N/A -**

Stainless steel Lab Jacks

Cat. No.	Tray Dim. (mm)	Mini/ maxi height (mm)	Dynamic load	Static load	€
090855	130 x 160	60/245	15	60	**N/A -**
090856	200 x 200	65/300	20	60	**N/A -**
090857	300 x 300	80/450	40	80	**N/A -**

Lab Jacks



- **Stainless steel for the lifting mechanism**
- **Anodised aluminium trays**

Cat. No.	L x W x H (mm)	Max. load (kg)	Maxi/mini height (mm)	Pre Tapped	€
215047	76.2 x 76.2	4.5	82.6 / 25.4	-	**N/A -**
215049	120 x 140	22.7	264 / 76	-	**N/A -**
215050	101.6 x 101.6	11.3	140 / 42	-	**N/A -**
215051	152.4 x 152.4	27.2	273 / 62	X	**N/A -**
215052	203 x 203	34	280 / 57	X	**N/A -**
215053	305 x 305	45.4	508 / 89	X	**N/A -**

Accessory

Cat. No.	Description	€
215054	Supporting rod, length 475 mm	**N/A -**

Microwave ovens





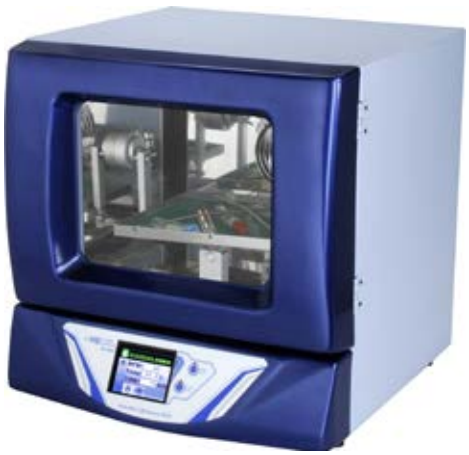


Model	7891	MW 7751	7825
Power (W)	700	800	900
Grill (W)	1000	1000	1100
Convection (W)	-	-	2500
Volume (l)	20	20	30
Programming and timer	Mechanical 35 min.	Mechanical	Digital display/clock
Plate ø (cm)	25.4	24.5	31.5
Height above the plate(mm)	16.5	17.5	20
L x D x H ext. (mm)	435 x 345 x 254	452 x 380 x 262	523 x 505 x 325
L x D x H int. (mm)	NC	NC	330 x 330 x 200
Cat. No.	**067220B**	**067232**	**067229**
€	**N/A -**	**N/A -**	**N/A -**

Major hybridisation oven with integrated shaker

3 models combined with rotating shaker at the top and low shaking platform

- **Programming display via a touch screen**
- **Bi-directional shaking on the orbital model**
- **Can be calibrated by the user**
- **Safety closing on the door**
- **Large range of accessories available**
- **For 4 flasks of 500 ml or 5 flasks of 250 ml**





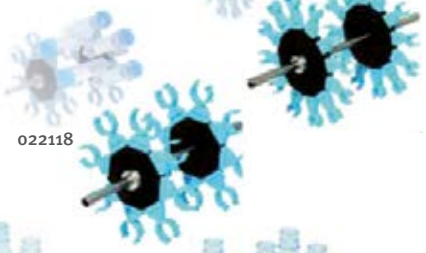
Model	MO-AOR Orbital shaking	MO-ARK Rocker
Display	3.5" 64K color TFT	
Interface control	Touch screen and graphic interface	
Rotating shaker function	Yes	
Rotating shaker speed	5-10 rpm - 1 rpm	
Timer	1-9999 min with alarm, continuous	
Speed	0-200 rpm	5-100 rpm
Temperature range	Ambient + 5 °C to 85 °C	
Temperature increment	0.1 °C	
Stability at 37 °C	± 0.2 °C	
Accuracy at 37 °C	± 0.2 °C	
Int. dim. L x W x H (mm)	340 x 225 x 260	
Ext. dim. L x W x H (mm)	442 x 462 x 452	
Platform size (mm)	270 x 200	
Weight (kg)	29	
Cat. No.	**022115**	**022113**
€	**N/A -**	**N/A -**

Accessories

Cat. No.	Description	€
022116	Platform for shaker 022113	**N/A -**
022117	Rotating shaker for 8 tubes 40 mm	**N/A -**
022118	Rotating shaker for 16 conical tubes 50 ml	**N/A -**
022119	Rotating shaker for 24 conical tubes 15 ml	**N/A -**
022121B	Platform 23 x 20 cm with 4 pillar supports of 10 cm	**N/A -**
022122	Bottle holder 250 ml	**N/A -**
022123	Bottle holder 500 ml	**N/A -**
022124	Hybridization bottle 40 x 150 mm	**N/A -**
022125	Hybridization bottle 40 x 200 mm	**N/A -**
022126	Hybridization bottle 40 x 300 mm	**N/A -**

















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Hybridization ovens



Bellco hybridization ovens allow all pre-hybridization, hybridization and washing operations to be carried out at a perfectly regulated temperature and with rotary motion agitation.
Bellco hybridization ovens are available in three versions: standard oven for 12 tubes, mini oven for 4 tubes, mini oven for 6 tubes.

- **Digital temperature display**
- **Temperature adjustable from 5 °C to 99 °C**
- **Microprocessor temperature control**
- **Fast and even temperature distribution by ventilation**
- **Rotational speed of 7.5 rpm**
- **Removable rotating unit for easy maintenance**

Hybridization ovens

Cat. No.	Capacity	Internal dim. (cm)	External dim. (cm)	€
793000	4 x 35 mm tubes	37.5 x 18 x 20.5	41.5 x 34.5 x 32.5	**N/A -**
793100	6 x 35 mm tubes	37.5 x 18 x 20.5	41.5 x 34.5 x 32.5	**N/A -**

Accessories for hybridization ovens

Cat. No.	Description	Dimensions	Units/ cardboard box	€ / cardboard box
791039	Hybridization tube	35 x 300 mm	2	**N/A -**
791036	Hybridization tube	35 x 225 mm	2	**N/A -**
791037	Hybridization tube	35 x 150 mm	2	**N/A -**
791038	Hybridization tube	35 x 100 mm	2	**N/A -**
791020	Nylon sheet	23 x 23 cm	5	**N/A -**
791030	Rack for 12 tubes	-	1	**N/A -**

Mini cabinet freezer - 30 °C LF 100



- **Ventilated cooling and automatic defrosting**
- **Digital display**
- **Height-adjustable shelves**
- **Door lockable by key**
- **Automatic door reminder**
- **Visual and audible alarms (temperature, power failure)**
- **Adjustable high and low temperature alarm**
- **Stainless steel interior and white galvanised exterior**
- **Stainless steel shelves or drawers possible (optional)**

Volume (l)	94
Temperature	- 30 °C
Display	Digital
Int. Dim. H x W x D (mm)	434 x 490 x 440
Ext. Dim. H x W x D (mm)	790 x 610 x 659
Supplied with plastic shelves	2
Weight (kg)	65
Consumption (kwh/24 h)	7.2
Power supply	230 V / 50-60 Hz
Cat. No.	**960021**
€	**N/A -**

Accessories

Cat. No.	Description	€
960023	Additional plastic grid (holders included)	**N/A -**
960024	Additional stainless steel grids (holders included)	**N/A -**
960025	Stainless steel drawer (holders included)	**N/A -**

Compact benchtop -80 °C mini freezers



Very compact -80 °C freezers can be positioned under the bench, giving quick and easy access to samples.

- **Different capacities: 7 l, 50 l and 88 l**
- **Touchscreen**
- **Visual and audible alarms for: power failure, temperature fault, open door etc.**
- **Dry contact for alarm reporting**
- **Vacuum insulated panels for optimal insulation and reduced energy costs**
- **Natural refrigerant**
- **Pressure relief valve for immediate reopening of the door**
- **Heated door seal to reduce ice formation**

Model	COMPACT P10	COMPACT P15	COMPACT P90
Volume (litre)	7	50	88
Total capacity of 2 ml tanks	5	30	60
Int. Dim. W x D x H (mm)	-	-	-
Ext. Dim. W x D x H (mm)	-	-	-
Cat. No.	**960044**	**960045**	**960046**
€	**N/A -**	**N/A -**	**N/A -**

Ultra-low temperature mini freezers - 80 °C

- Robust and easy to use
- Space-saving
- Low energy consumption
- Stainless steel interior and galvanised steel exterior
- Digital display
- Sub-doot included, except for 35L model
- Lockable door
- Racks for freezer boxes are to be ordered separately



Model	7 L	54 L	71 L	94 L
Sheet	Vertical	Vertical	Chest	Vertical
Temperatures	- 40 to - 90 °C	- 40 / - 80 °C	- 40 / - 80 °C	- 40 / - 80 °C
Volume (litre)	7	54	71	94
Int. Dim. W x D x H (mm)	150 x 143 x 310	360 x 468 x 320	390 x 390 x 450	360 x 493 x 600
Ext. Dim. W x D x H (mm)	400 x 630 x 665	600 x 700 x 810	552 x 648 x 850	950 x 725 x 810
Power supply	230V 50/60 Hz	230V 50/60 Hz	230V 50/60 Hz	230V 50/60 Hz
Weight (kg)	55	74	53	105
Cat. No.	**960000**	**960002**	**960034**	**960003**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Drawer racks for 130 x 130 x 50 mm boxes

Cat. No.	Number of boxes/rack	Freezer model	Racks/ freezers	€
130305	15 (3 x 5)	54 L	2	**N/A -**
130301	12 (3 x 4)	94 L	4	**N/A -**

Side access racks for 130 x 130 x 50 mm boxes

Cat. No.	Number of boxes/rack	Freezer model	Racks/ freezers	€
130193	10 (2 x 5)	35 L	2	**N/A -**
130198	15 (3 x 5)	54 L	2	**N/A -**
130197	12 (3 x 4)	94 L	4	**N/A -**
130116	8	71 L	5	**N/A -**

Options

Cat. No.	Description	€
960004	CO2 backup option - factory mounting included with order	**N/A -**
960005	Temperature recorder - 100 °C to 0 °C	**N/A -**
960006	Paper for temperature recorder	**N/A -**

Cardboard racks

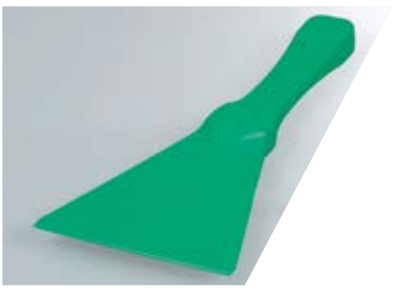
- For cardboard, polypropylene or polycarbonate cryoboxes
- Made of hydrophobic cardboard for long-term use
- Can be used down to - 160 °C
- For 50 mm high boxes
- With side removal handle
- Sheet: 5 rows of 4 boxes
- H x W x D: 285 x 138 x 560 mm



Cat. No.	Description	€
013068	Cardboard cryo rack with 20 origami boxes 9 x 9 cm	**N/A -**
013069	Cardboard cryo rack with 20 standard boxes 9 x 9 cm	**N/A -**

Freezer scrapers

- Ideal for removing frost build-up in a freezer
- Made of polypropylene
- Robust



Cat. No.	Description	€
795630	Scraper 250 x 110 mm	**N/A -**

Compact Cold Box

- Compact Bench Cold Box
- Capacity: 30 l
- Can be used at ambient temperatures of +12 °C to +30 °C
- Model with glass door
- LED display
- Access port Ø 10 mm
- All stainless steel interior
- Stackable units (max. 3)

Volume (l)	30
Temperature	+10 to -20 °C
Int. dim. L x D x H (mm)	360 x 350 x 230
Ext. dim. L x D x H (mm)	530 x 700 x 460
Weight (kg)	42
Power supply	230 V / 50 Hz
Cat. No.	**231100**
€	**N/A -**



Drawers for cryoboxes - 135 x 135 x 52 mm

Cat. No.	Description	€
231101	Rack with 4 drawers (4 boxes/drawers)	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Temperature recorder



- Mobile recorder with internal sensor
- Spontaneous alarm 2 high and low thresholds
- Visual alarm by LED flash + beep
- Data transfer via PC interface
- Loop operation or memory full stop
- Window 98 mini compatible
- Internal temperature sensor -40 °C to +70 °C; accuracy: +/- 0.3 °C, resolution 0.1 °C
- Protection IP 67
- Up to 16000 measurements in memory
- Recording time of 5 seconds to 255 minutes
- The recorder can be started at a programmed time or manually on site

Cat. No.	Description	€
670491	Mobile temperature recorder (mobile recorder, PC interface and software package)	N/A -
670418	Mobile temperature recorder only	N/A -

Mini incubator



- Personal incubator, Capacity: 9.2 litres
- Glass door, 3 possible shelf heights
- Temperature range: ambient + 5 °C to 60 °C
- Supplied with 1 shelf
- Diode indicates when the device is in the heating phase
- Thermometer -20 °C to +110 °C optional (non-toxic, Teflon coated, resolution 1 °C, length 305 mm, immersion 76 mm)

External dimensions (L x D x H)	28.5 x 28 x 33.5 cm
Internal dimensions (L x D x H)	23 x 20 x 20 cm
Weight	8.3 kg
Stability / Uniformity at 37 °C	+/- 0.6 °C / 0.65 °C

Cat. No.	Description	€
096527	Mini-incubator	N/A -
096528	Additional shelf, 22 x 18 cm	N/A -
096529	Thermometer -20 °C to +110 °C	N/A -

Thermocult Mini Incubator



Compact incubator for bacteriology.

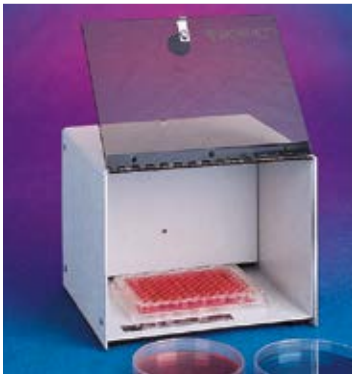
- Fixed temperature of 35 +/-2 °C
- With glass door for better viewing
- For 20 culture flasks or 8 Petri dishes

Internal dimensions L x W x H (mm)	210 x 145 x 110
External dimensions L x W x H (mm)	300 x 170 x 150
Weight (kg)	1.3
Power supply / Power	220 V, 30W
Cat. No.	**030124**
€	**N/A -**

Accessory

Cat. No.	Description	€
030125	Shelf	N/A -

CCC basic mini-incubator



- Mini model for a microplate
- Heating element on the back to prevent "cooking" the samples
- Temperature indication using an indicator tab
- Transparent door

Chamber volume (cm^3)	2857.14
Chamber dimensions L x W x H (mm)	184 x 133 x 171
Temperature	+ 5 °C to 42 °C
Dimensions L x W x H (mm)	197 x 184 x 159
Shipping weight (kg)	3.6
Power supply	230 VAC, 50/60 Hz
Cat. No.	**215099**
€	**N/A -**

Illuminated magnifiers 8 LEDs and 1 UV

- Acrylic glass lens
- LED and UV lighting
- Batteries: 3 x AAA (not included)

Lens magnification	x 2.5	x 4
Bifocal magnification	x 6	Without
Lens Ø (mm)	90	60
Dimensions W x D x H (mm)	90 x 40 x 50	60 x 40 x 30
Weight (g)	100	120
Lighting	8 LEDS + 1 UV	
Cat. No.	**095408**	**098461**
€	**N/A -**	**N/A -**



Illuminated hand-held magnifier

- With an acrylic glass lens, for observation in dark environments
- Uses 3 AAA batteries (not included)

Magnification	x 4
Glass Ø (mm)	65
Weight (g)	90
Lighting	2 LED Ø 5 mm
Cat. No.	**095402**
€	**N/A -**



Convertible illuminated magnifier

- In acrylic glass
- Bifocals 2.5 x Ø 90 mm + 8 x Ø 25 mm
- Aplanatic lens (without deformation of the image), achromatic (without iridescence)
- White lighting, 10 leds
- Usable by hand or placed on his foldable stand
- Powered by 2 AA batteries (not included) or mains (adapter included)
- Dimensions: 290 x 100 x 25 mm
- Weight: 260 g

Cat. No.	Description	€
098486	Illuminated hand-held magnifier with retractable stand	**N/A -**



Lamp Magnifier

Desk Lamp Magnifier, articulated.

- Magnification x 2.25
- Biconvex acrylic glass lens Ø 125 mm
- Lighting 48 LED bulbs
- Pantograph 2 arms / l: 172 cm
- 6-wheel table or stand attachment (Cat. No. 095399B optional)
- Dimensions 240 x 60 mm
- Weight: 2.3 kg
- Power supply: 220V / 4W

Cat. No.	Description	€
098403	Biconvex magnifying lamp	**N/A -**
095399B	Stand with 6 castors (height: 70 cm, Ø x H base: 38 x 8.5 cm)	**N/A -**



Lamp Magnifiers

- 22 W circline lighting
- Biconvex lens ø 125 mm
- Magnification 1.75 X = 3Dp
- Pantograph 2 articulated arms
- H: 950 mm / ø 210 mm
- Power supply: 220 V
- Weight: 1.3 kg

Cat. No.	Description	€
095382B	Magnifying Lamp	**N/A -**



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Desk Magnifying Lamp to be placed or clamped



- Magnifications: 2.25 x and 4 x
- Lens Ø 90 mm and double focus Ø 20 mm
- Illumination: 2200 lux
- Light intensity: 550 lumens
- For table or desk mounting
- Turning on or off by touch
- 25 cm articulated arm
- Power supply: 6 W (incl. 230 VAC - 12 VDC adapter)

Cat. No.	Description	€
098497	Lamp - desk Magnifying glass to place / to clamp	N/A -

Magnifying lamps with LED lighting



- Equipped with 2 modules 6W LED
- Lighting on both sides of the magnifying glass
- Dimmer switch: 0 % - 50 % - 100 %
- Lamp head dimensions (mm): 227 x 224
- Rectangular magnifying glass 175 x 108 mm, crown glass
- Diopters: 3.5 or 5
- Steel arms (mm): 1050
- Grey
- 230 V, 50/60 Hz
- Supplied with clamp for fixing to a table

Lux at 50 cm	8400
Lumens	600
IRC	80
Kelvin	4000 °
IP	20

Cat. No.	Description	€
231019	Magnifying lamp 3.5 dioptres	N/A -
231020	Magnifying lamp 5 dioptres	N/A -
231021	Magnifying lamp UV 3.5 dioptries	N/A -

Headband illuminated magnifier



- 5 binocular lenses: x 1 / x 1.5 / x 2 / x 2.5 / X 3.5
- Possibility of superimposing 2 lenses
- 11 possible magnifications up to 6 x
- White light (2 leds, Ø 5mm), adjustable lighting thanks to the articulated head
- Adjustable head strap
- 3 AAA batteries (not included)
- Weight: 310 g

Cat. No.	Description	€
098487	Headband illuminated magnifier	N/A -

Frontal illuminated magnifier



- In acrylic glass
- Fixed lens for distant vision: 2 x / large dimensions 125 x 75 mm
- Supplied with 3 binocular folding lenses for close-up viewing: 1.5 x, 2.5 x, 3.5 x
- Various magnifications available: 2 x, 3.5 x, 4.5 x, 5.5 x
- LED light Ø 5 mm, white light
- Weight: 310 g
- 3 batteries type LR1130 (not included)

Cat. No.	Description	€
098485	Frontal illuminated magnifier	N/A -

Pocket magnifier

- Metal folding magnifier with mineral glass
- Magnifier x 20 has LED lighting with 3 batteries 189



Magnification	x 10	x 20
Glass Ø (mm)	21	25
Weight (g)	40	50
Cat. No.	**095400**	**095401**
€	**N/A -**	**N/A -**

Hand magnifier 5 X



- 5 x 50 mm
- Mineral glass
- ABS handle

Cat. No.	Description	€
053293B	Hand magnifier 5 X	N/A -

Flashlights

CREE LED Flashlights

- Mat black steel
- Ribbed Rubber handle
- 200 lumens
- Light range 200 m
- Adjustable focus, beam angle 10° - 70°
- Battery life 3 h, 2 h for the rechargeable model
- 1.5V batteries and case included
- Rechargeable by USB port, 3.7 V/2600 mAh Li-ion, Light duration 2 h
- Dimensions: 160 x 40 mm



Cat. No.	Description	€
231024B	IP54 battery Flashlight	N/A -

ATEX LED Flashlight



- Certification ATEX Zone II 1 G Ex ia IIC T4; ia IIC T4 Ga
- 180/70 lumens
- Range 117/83 m (depending on the selected lighting mode)
- 3 lighting modes: 50%, 100% and flash
- Autonomy 8h to 30h
- 4 AA batteries not included
- Weight: 0.140 kg

Cat. No.	Description	€
231027B	ATEX IP67 LED lamp	N/A -

UV LED flashlight 1W black



- Wavelength 395 nm
- Waterproof
- IP 65
- Autonomy 3 h 30
- Batteries 2 x CR123A not included
- Dimensions: 132 x 33.5 mm
- Weight: 0.144 kg

Cat. No.	Description	€
231026	UV Flashlight	N/A -

3W LED inspection lamp

- Beam angle 45°
- Luminous flux 390 Lumen
- Head Ø 17 mm , Lenght 65 mm
- 450 mm flexible arm
- IP67
- 240 V transformer to be ordered for mains supply



Cat. No.	Description	€
231022	Complete lighting rod 450 mm	N/A -
231023	240V transformer	N/A -

Fluorescent Tasklight

- Flexible arm for precise control
- Lighting 1800 lumens
- Arm Lenght 1050 mm
- 24 W, 230 V
- Supplied with C-Clamp for table fixation



Cat. No.	Description	€
231015	24 W white lamp	N/A -
231016	Tube 2G11 24 W	N/A -

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Halogen light 20W



- Natural light 3000° K
- 500 or 700 mm flexible arm
- Base dimensions 60 x 60 mm
- Head Ø 62 mm, tilting 90° for head with joint
- 230V/12V Transformer included in the stand
- Supplied with a base and 4 screws for direct fixing
- Other optional stands available

	Head without joint		Head with joint	
	Cat. No.	€	Cat. No.	€
Flexible arm 500 mm	231011	N/A -	231012	N/A -
Flexible arm 700 mm	231013	N/A -	231014	N/A -

Stands

Cat. No.	Description	€
231045	Magnetic base 540N, Ø x H (mm): 90 x 25	N/A -
231046	Table stand, black, Ø x H (mm): 200 x 32	N/A -
231047	Table stand, white, Ø x H (mm): 200 x 32	N/A -

LED Tasklight for professional applications

- LED Tasklights, black
- Base dimensions: 60 x 60 mm
- Base with 4 screws for direct fixing
- Optional stands available
- 240 V transformer to be ordered for mains connection

Pluto Tasklight 1.2W

- Lighting angle 25°
- Including 8° and 40° interchangeable lenses
- Flexible arm 500 mm
- IP 20
- Head size L x Ø (mm): 65 x 30, tilting 90°
- Weight: 0.7 kg



Lux at 50 cm	1000
Lumens	70
IRC	92
Kelvin	4000 °

Cat. No.	Description	€
231000	Pluto Tasklight 1.2W	N/A -

Transformer for Pluto and Tellus

Cat. No.	Description	€
231010	Transformer 240V IP44	N/A -

Stands common to Tellus and Pluto lamps

Cat. No.	Description	€
231045	Magnetic base 540 N, Ø x thickness 90 x 25 mm	N/A -
231046	Table base, black, Ø x thickness 200 x 32 mm	N/A -
231047	Table base, white Ø x thickness 200 x 32 mm	N/A -

Tellus 3.3W Tasklight

- Delivered with 15° lens
- Head dimensions L x Ø (mm): 100 x 50, tilting 90°
- Weight: 0.6 - 1 kg



Lux at 50 cm	8800
Lumens	230
IRC	92
Kelvin	4000 °
IP	According to version

	With flexible arm 500 mm		With flexible arm 700 mm		With spot 40 mm	
IP	Cat. No.	€	Cat. No.	€	Cat. No.	€
20 with joint	231001	N/A -	231005	N/A -	231009	N/A -
20 with converter	231002	N/A -	231006	N/A -	-	-
43	231003	N/A -	231007	N/A -	-	-
65	231004	N/A -	231008	N/A -	-	-

LID Tasklight

- Robust and quiet flexible arm lamps for precise and durable positioning
- LEDs on printed circuit guaranteeing a long life (50000h) or halogen bulb (5000h) depending on the model
- Standard switch, contactless or with dimmer depending on model
- Compliant with standards EN 60 601-1/-2-41 and EN 60 598-2-25
- Class 1 medical device
- Lamp only, to be completed with a stand
- Made in France
- 3 year warranty









Carla LED lamp

➤Swivel head ➤Diffused lighting 25°

Flexible arm (mm)	650	1000	1230
Luminous intensity (lm)	420		
Illumination at 50cm (lx)	7000		
Illuminated area at 50cm (mm)	200		
Colour temperature	4500°K (neutral white)		
Colour rendering index	IRC 95/100		
Power consumption	4.2 W		
Head dimensions (mm)	60 x 100		
With standard switch	**013417**	**013419**	**013421**
€	**N/A -**	**N/A -**	**N/A -**
With contactless switch	**013418**	**013420**	**013422**
€	**N/A -**	**N/A -**	**N/A -**

Tina Halogen Lamp

➤Swivel head ➤Precise 10° lighting

Flexible arm (mm)	650	1140
Luminous intensity (lm)	300	
Illumination at 50cm (lx)	23000	
Illuminated area at 50cm (mm)	100	
Colour temperature	3000°K (warm white)	
Colour rendering index	IRC 100/100	
Power consumption	20 W	
Head dimensions (mm)	70 x 70	
With standard switch	**013469**	**013471**
€	**N/A -**	**N/A -**
With contactless switch	**013470**	**013472**
€	**N/A -**	**N/A -**

Lina LED Lamp

➤Swivel head ➤Diffused lighting 25°

Flexible arm (mm)	650	1000
Luminous intensity (lm)	1680	
Illumination at 50cm (lx)	15000	
Illuminated area at 50cm (mm)	700 x 600	
Colour temperature	4500°K (neutral white)	
Rendering index Colours	IRC 95/100	
Power consumption	17 W	
Head dimensions (mm)	25 x 500	
With standard switch	**013437**	**013440**
€	**N/A -**	**N/A -**
With dimmer switch	**013438**	**013441**
€	**N/A -**	**N/A -**
With contactless switch	**013439**	**013442**
€	**N/A -**	**N/A -**

Hepta LED lamp

➤Swivel head with handle ➤Precise 10° lighting

Flexible arm (mm)	650	1140
Luminous intensity (lm)	980	
Illumination at 50cm (lx)	60000	
Illuminated area at 50cm (mm)	120	
Colour temperature	4500°K (neutral white)	
Colour rendering index	IRC 95/100	
Power consumption	7 W	
Head dimensions (mm)	110 x 100	
With standard switch	**013409**	**013412**
€	**N/A -**	**N/A -**
With dimmer switch	**013410**	**013413**
€	**N/A -**	**N/A -**
With contactless switch	**013411**	**013414**
€	**N/A -**	**N/A -**

Stands - telescopic rolling stand



- 5-star base Ø 530 mm
- Castors Ø 5 cm
- Weighted version for lamps with arms over 650 mm
- Free castors or with 2 castors with brakes

Adjustable height (mm)	600 - 1000		900 - 1300	
Type	Standard	Ballasted	Standard	Ballasted
Weight (kg)	3.7	5.5	4	5.8
Cat. No. without brake	**013474**	**013478**	**013480**	**013482**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**
Cat. No. with brake	**013476**	**013479**	**013481**	**013483**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Accessory

Cat. No.	Description	€
013484	Single vice grip in black lacquered aluminium, maximum opening Ø 75 mm	**N/A -**
013485	Universal vice in anodised aluminium, maximum opening Ø 40 mm	**N/A -**
013488	White lacquered aluminium bracket for wall mounting (screws and plugs supplied)	**N/A -**
013492	Heavy base in white lacquered steel Ø 220 mm 1.5 kg	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Optika upright microscopes



	With light background				With phase contrast			
Model	**Light background equipment**	**Head**	**Cat. No.**	**€**	**Phase contrast equipment**	**Model**	**Cat. No.**	**€**
B-193PL	- Eyepieces 10x/18 mm - Lens: 4x / 10x / 40x / 100x (oil) - 4 position revolver - Mechanical stage x,y - Abbe Condenser O.N. 1.25 - LED	Trinocular	**670901B**	**N/A -**	-	-	-	-
B-382Pli	- Eyepieces 10x/20 mm - Lens: 4x / 10x / 40x / 100x (oil) - 5 position revolver - Mechanical stage x,y - Abbe Condenser O.N. 1.25 centrable - LED	Binocular	**670960**	**N/A -**	Objectives: 10xPh, 20xPh, 40xPh, 100xPh Phase condenser	B-382phi	**670962**	**N/A -**
B-383Pli		Trinocular	**670961**	**N/A -**		B-383phi	**670963**	**N/A -**

Other models, please consult us

Optika B-510BF and B-510PH upright microscopes



- **Microscopes for routine laboratory analysis**
- **Lightweight and ultra compact**
- **Models with trinocular heads to accommodate a camera or tablet (to be completed with a C-mount adapter)**
- **Stand with retractable condenser, right X,Y vernier scale**
- **Lens turret: 5 positions**
- **Delivered ready to use**

Model	Trinocular B-510BF	Trinocular B-510PH
Lighting	LED	
Observation mode	Brightfield	Brightfield and phase contrast
Output signal	Objectives IOS W-PLAN 4 x, 10 x, 40 x, 100 x (oil)	Phase contrast lenses IOS W-PLAN PH 10 x, 20 x, 40 x, 100 x
Model	Trinocular with 2 eyepieces 10 x/22 mm	
Cat. No.	**671236**	**671237**
€	**N/A -**	**N/A -**

Accessory

Cat. No.	**Description**	**€**
671186	C-mount adapter 0.5 x	**N/A -**

Optika inverted microscope



671160

Model	**Equipment**	**Head**	**Cat. No.**	**€**
IM-3	- LED lighting - Brightfield and phase contrast - Macro and micrometric focusing system - Fixed plate, size 250 x 160 mm - 5-position lens turret - Trinocular head, inclined at 45° - EWF10X/22 wide field eyepieces with field index 22 - Lenses: phase contrast 10xPh, 20xPh, 40xph - protective cover	Trinocular	**671160**	**N/A -**



Find the accessories on www.dulis.nl

Immersion oil



Cat. No.	**Description**	**€**
670957	Immersion oil 10 ml	**N/A -**

Optika Binocular Teaching Stereomicroscopes

- **Simple and robust, easy to handle**
- **Rotating lens models for quick magnification changes**
- **45° inclined head**
- **Equipped with 2 separate lights, 1 W LED: incident and transmitted**
- **2 models: with 360° movable optical body or fixed optical body with carrying handle included**
- **On rechargeable battery for field use if required**
- **Cat. No. 671227: model with integrated camera**

Cat. No.	Optical body	Magnifications	Working distance	Lighting	€
671220	360° Mobile	20x 40x	57 mm	Led with switches	**N/A -**
671221	360° Mobile	10x 30x	57 mm	Led with switches	**N/A -**
671222	Fixed with carrying handle	20x 40x	57 mm	Led with control buttons	**N/A -**
671223	Fixed with carrying handle	10x 30x	57 mm	Led with control buttons	**N/A -**
671224	Fixed with carrying handle	20x 40x	76 mm	Led with control buttons	**N/A -**
671225	Fixed with carrying handle	10x 30x	76 mm	Led with control buttons	**N/A -**
671226	Fixed with carrying handle	10x 20x 40x	60 mm	Led with control buttons	**N/A -**
671227	Fixed with carrying handle and integrated camera	10x 20x 40x	60 mm	Led with control buttons	**N/A -**



Fixed optical body and carrying handle, model with integrated camera



Digital microscope with tablet

Microscope equipped with a detachable and adjustable tablet. Particularly suitable for routine light background applications.

Model	B-290TB
Lighting	Led 3.6 W
Lens	WF 10/20 mm
Observation mode	Brightfield
Model	Binocular
Head type	30° inclined and 360° rotating head
Objectives	4 X 10 X 40 X 100 X (oil)
Abbe condenser	ON 1.25
Dim. H x L x D (mm)	430 x 235 x 290
Weight (kg)	7
Tablet	10.1"
Operating system	Windows 10 32 bit
Screen	Tactile LED
Dimensions L x D x H (mm)	25.7 x 10.5 x 17.4
Camera	3 MP
Signal	USB 2
Image dimension	2048 x 1536
Cat. No.	**671191**
€	**N/A -**



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Optika C-B5 5.1MP camera



- 5MP colour camera
- For teaching and routine laboratory applications
- C Mount
- Supplied with software (Windows, Mac OS and Linux compatible) and adapters for single or binocular head microscope eyepieces

Sensor	CMOS 1/2.5''
Camera resolution	5.1 MP
Output signal	USB 2.0
Camera power supply	PC USB
C-mount connection	Yes
PC Features	CPU: equivalent to Intel Core2.2 2.8 G Hz or higher RAM: 2GB or higher USB port: 2.0 at least two ports
Cat. No.	**671230**
€	**N/A -**

Optika PRO C-P3 and C-P6 cameras



- Dynamic quick-reading cameras
- These cameras offer detailed images of excellent quality thanks to its SONY EXMOR CMOS sensor
- C-mount connection

Model	C-P3	C-P6
Camera resolution	3.1 MP	6.3 MP
Output signal	USB 3.0	USB 3.0
Sensor size	1/2.8"	1/1.8"
Sensor technology	CMOS	CMOS
Image format	4/3	4/3
Pixel size	2.5 x 2.5 µm	2.4 x 2.4 µm
Speed resolution	50 fps	30 fps
Cat. No.	**671259**	**671262**
€	**N/A -**	**N/A -**

Digital microscope camera





- Compatible with MacOS® 10.12 or higher
- Interface: USB 1.1 / 2.0
- Power supply: USB (cable: 1.4 m)

CMOS sensor	1920 x 1080 pixels
Magnification	10 x - 200 x
Shutter	1/30 - 1/15750 sec
Focal	F 2.8
Illumination	8 LEDs IR
Acquisition format	jpeg / bmp
Dimensions (mm)	Ø 33 x 110
Weight (g)	170
Cat. No.	**098501B**
€	**N/A -**

Support

Cat. No.	**Description**	**Weight (kg)**	**€**
098502	Flexible stand 300 mm cast iron foot	1.5	**N/A -**

PC Tablet with camera for Optika trinocular microscope



- Touch screen 10"
- USB 2.0 connection
- 2 in 1 solution with a touch screen PC tablet and a 3 or 5 MPixel camera for image capture
- System can be installed on trinocular outlet with C-mount aptator

Model	TB-3W	TB-5W
Operating system	Windows 8.1 32-bit	
Network	Wireless bluetooth	
Autonomy	9 hours	
Camera resolution (MP)	3.14	5
Output signal	USB 2.0	USB 2.0
Language tablet	Multilingual	
Tablet software included	OPTIKA VISION LITE: photos or videos acquisition, measurements, objects or comments indication, documentation	
Storage	HDD 32 Go, also accepts SD cards	
Cables included	MicroUSB to USB, OTG cable, USB cable	
Dim. (cm) W x H x thickness	25.85 x 16.75 x 0.88	
Weight (g)	580	
Cat. No.	**670976**	**670977**
€	**N/A -**	**N/A -**

Optika Cold Light Generator

Additional illumination for stereomicroscope observation.
Must be equipped with a double conductive fiber with adjustable arms or with a ring optical fiber suitable for Optika stereomicroscopes.

- **LED lighting equivalent to 100 W halogen lighting**
- **Adjustable brightness**
- **Must be equipped with an optical fiber**

Cat. No.	Description	Type of lamp	Weight (kg)	Dimensions (mm)	€
670949	Generator CLD-01	LED	4.1	200 x 120	N/A -



Conductive fibres

Cat. No.	Description	€
670950	Double conductive fibre - Length 500 mm	N/A -
670951	Conductive ring fibre - Length 700 mm	N/A -


670950


670951

SCHOTT Cold Light Generators

KL300 LED generator (must be completed with a conductive fibre)

- **LED lighting, equivalent to 30 W halogen lighting**
- **Adjustable brightness**
- **Bracket for stand mounting (KL300 and binocular magnifying glass SMZ 445 NIKON)**
- **To be completed with conductive fibres: different models possible (see below)**

Cat. No.	Generator	Type of lamp	Weight (kg)	Dim. (mm) L x D x H	€
498716	KL300 LED	LED	0.35	107 x 114 x 61	N/A -

Accessories for KL300 generator

Cat. No.	Description	€
498718	Semi-rigid light guide 1 arm Ø 3.5 mm Length 500 mm	N/A -
498719	Semi-rigid light guide 2 arm Ø 3.5 mm Length 500 mm	N/A -
498722*	Focusing lens without filters for light guide up to Ø 5 mm	N/A -
498720*	Focusing lens and filter set up to Ø 5 mm	N/A -
498717	KL 300 LED Clamp for Nikon SMZ 445 stand	N/A -
498732	Clamp for base Ø 100 mm	N/A -
498733	Base Ø 100 mm	N/A -

KL1500 HAL AND 1600 LED generator

- **Halogen lighting 15V 150 W for the KL 1500 HAL model with display**
- **LED illumination for the KL 1600 LED model, adjustable brightness**
- **To be placed on the bench**
- **To be completed with power cord 498751 and light guides: different models possible (see below)**

Cat. No.	Generator	Features	Type of lamp	Weight (kg)	Dim. (mm) (L x D x H)	€
780315	KL1500 HAL with display	Colour temperature display, adjustable brightness, filter holder	Halogen 15 V 150 W	5	22 x 265 x 170	N/A -
498726	KL1600 LED without display	Without display, adjustable brightness with 5 positions, filter holder	LED equivalent to 150 W halogen	2.45	231 x 114 x 137	N/A -

Accessories for KL 1500 HAL and KL1600 LED

Cat. No.	Description	€
498727	Semi-rigid light guide 1 arm for KL1500 or KL1600 Ø 4.5 mm Length 600 mm	N/A -
498728	Semi-rigid light guide 2 arm for KL1500 or KL1600 Ø 4.5 mm Length 600 mm	N/A -
498729	Semi-rigid light guide 3 arm for KL1500 or KL1600 Ø 4.5 mm Length 600 mm	N/A -
498722	Focusing lens without filters for light guide up to Ø5 mm	N/A -
498720	Focusing lens and filter set up to Ø 5 mm	N/A -
498730	Daylight filter with filter holder KL 1500 HAL	N/A -
498731	Artificial light filter Ø 28 mm LED for KL1600	N/A -
498751	EU power cord for cold light source	N/A -

For illuminating samples with a flexible light guide. For use as an additional light source for observation with binocular magnifiers.





* To be ordered according to the number of arms

All prices are indicative and exclude VAT. Visit www.dulis.nl

Cold light generators



- 2 models: 150 W halogen generator or 30 W LED generator
- Various accessories
- To be completed with an optical fibre
- Power supply 240 V AC / 12 V DC (50/60 Hz)

Cat. No.	Description	Lighting	Colour temperature	Weight (kg)	Dimensions L x D x H (mm)	€
134700	Halogen generator	Halogen 150 W	3000 K	2.8	150 x 230 x 150	N/A -
134701	Led generator 30 W	LED 30 W	6500 K	3.9	150 x 230 x 150	N/A -

Accessories

Cat. No.	Description	€
134702	Semi-rigid light guide 1 arm 50 cm long, Ø 4 mm	N/A -
134703	Semi-rigid light guide 2 arm 50 cm long, Ø 4 mm	N/A -
134704	Semi-rigid light guide 3 arm 50 cm long, Ø 4 mm	N/A -
134705	Semi-rigid light guide 2 arm 70 cm long, Ø 4 mm	N/A -
134706	Focusing element for light guide (requires 134707)	N/A -
134707	Focusing lens for focusing element (requires 134706)	N/A -

Optical paper for microscopes



High quality paper for cleaning optical surfaces and lenses made of plastic glass or quartz. Does not contain any chemical agents, silicone or special additives.

- Very soft, does not scratch
- Very pure, free of additives
- Highly absorbent for grease and moisture removal

Cat. No.	Dimensions (mm)	Packaging	€
036445	100 x 150	25 notebooks of 25 sheets	N/A -
036531	200 x 300	100	N/A -
036532	460 x 570	500	N/A -

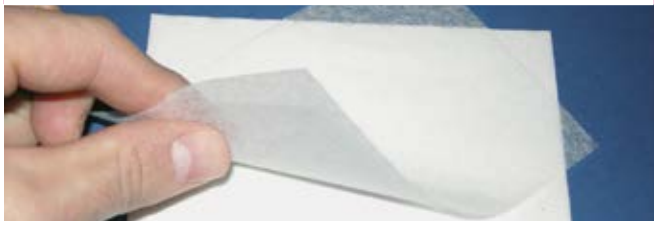
Lens cleaning tissue



- In Japanese paper
- Paper for wiping lenses
- Lint free
- Sold in packs of 25 sheets

Cat. No.	Sheet (mm)	Units/ box	€/ box
074042	95 x 135	25 x 25	N/A -
074089	100 x 150	625	N/A -
074090	200 x 300	100	N/A -
074091	460 x 570	500	N/A -

ECO lens cleaning wipes



Cat. No.	Dimensions (mm)	Packaging	€/ box
068885	95 x 135	25 bags of 25 sheets	N/A -
068886	190 x 135	500 sheets	N/A -
068887	190 x 270	500 sheets	N/A -
068888	380 x 540	500 sheets	N/A -

Charger and rechargeable batteries

4-compartment charger

- 4 compartments for types R03, R06, R14 and R20
- 2 compartments for type 6F22
- Battery tester function
- Power supply: 230 V
- Dimensions: 205 x 103 x 55 mm

Cat. No.	Description	€
053258B	4-compartment battery charger	N/A -



Rechargeable batteries

Cat. No.	Description	Dimensions (mm)	Type	€
053254	NiMH R14 battery	26 x 50 (ø x H)	C	N/A -
053255	NiMH R06 battery	14 x 50 (ø x H)	AA	N/A -
053256	NiMH R03 battery	10 x 50 (ø x H)	AAA	N/A -
053257	NiMH 6F22 battery	48 x 26 x 17	9 V	N/A -

Button cell batteries

Cat. No.	Description	€
095363	Button cell battery 362	N/A -
095325	Button cell battery 364	N/A -
095326	Button cell battery 377	N/A -
095329	Button cell battery 391	N/A -
095330	Button cell battery 392	N/A -
095331	Button cell battery 396	N/A -
095333	Button cell battery 371	N/A -
095334	Button cell battery 395	N/A -
095337	Button cell battery 379	N/A -
095338	Button cell battery 389	N/A -
095346	Button cell battery 394	N/A -
066223	Button cell battery 386	N/A -
095353	Button cell battery 186	N/A -
095354	Button cell battery 189	N/A -
095355	Button cell battery 191	N/A -
095304B	LR44 Button cell battery (2 units)	N/A -
095305	Lithium Button cell battery CR 1220	N/A -
095356	Lithium Button cell battery CR 1616	N/A -
095357	Lithium Button cell battery CR 2016	N/A -
095358	Lithium Button cell battery CR 2025	N/A -
045322	Lithium Button cell battery CR 2032	N/A -
095359	Lithium Button cell battery CR 1025	N/A -
095360	Lithium Button cell battery CR 1216	N/A -
095361	Lithium Button cell battery CR 1620	N/A -
095362	Lithium Button cell battery CR 2430	N/A -

Batteries sticks

Cat. No.	Description	€
095366	Saltwater battery R20/D, 1.5 volts, ø 33 x 61 mm	N/A -
095367	Saltwater battery R14/C, 1.5 volts, ø 26 x 50 mm	N/A -
045319	Saltwater battery R6/AA, 1.5 volts, ø 14 x 50 mm	N/A -
095370	Saltwater battery R3/AAA, 1.5 volts, ø 10 x 45 mm	N/A -
001384B	Alkaline battery LR20, 1.5 volts, ø 33 x 61 mm	N/A -
095704	Alkaline battery LR6, 1.5 volts, ø 14 x 50 mm	N/A -
095324	Alkaline battery LR01, ø 11 x 29 mm	N/A -

Lithium photo batteries

- CR123A = 3V, Ø: 17 x 34 mm
- CR2 = 3V, Ø: 15 x 27 mm
- CR.P2 = 6V, Ø: 36 x 35 x 19 mm
- 2CR5 = 6V, Ø: 45 x 34 x 17 mm

Cat. No.	Description	€
053277	CR123A lithium photo battery	N/A -
053278	CR2 lithium photo battery	N/A -
053279	CR.P2 lithium photo battery	N/A -
053280	2CR5 lithium photo battery	N/A -

Energizer Batteries

Cat. No.	Description	€
095704	Energizer Industrial 1.5V LR6/AA Alkaline Battery (10 units)	N/A -
095705	Energizer Industrial 1.5V LR03/AAA Alkaline Battery (10 units)	N/A -
095706	Energizer Industrial 1.5V LR14/C Alkaline Battery (12 units)	N/A -
095707	Energizer Industrial 1.5V LR20/D Alkaline battery (12 units)	N/A -
095708	Energizer Industrial 9V 6LR61/9V Alkaline Battery (12 units)	N/A -
095709	Energizer Ultimate 1.5V FR6/AA/L91 Lithium Battery (10 units)	N/A -
095710	Energizer Ultimate 1.5V FR3/AAA/L92 Lithium Battery (10 units)	N/A -
095711	Energizer Ultimate 9V FR9 Lithium Battery (10 units)	N/A -
095712	Energizer Lithium Photo Battery123 FSB1, 3 V CR123	N/A -

Power adapter

- Intensity: 500mA
- Socket: VDF
- 6 output voltages: 3 - 4.5 - 6 - 7.5 - 9 - 12 V.DC
- 6 adaptable star plugs
- Power supply: 230 V AC/50 Hz

Cat. No.	Description	€
053281	Power adapter	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Daily / weekly programmer



- Programmable over 7 days
- Adjustable ± 1 minute
- Presence simulator
- Power supply: 230 V
- Dim.: 125 x 60 x 75 mm
- Weight: 170 g

Cat. No.	Description	€
053273	Daily / weekly programmer	N/A -

Pocket battery tester



- Needle display (vumeter)
- Batteries: AAA (LR03), AA (LR06), C (LR14), D (LR20), 9V and buttons
- Dimensions: 75 x1 25 x 110 mm
- Weight: 50 g

Cat. No.	Description	€
053276	Pocket battery tester	N/A -

Extension lead with switch



- ON / OFF Button
- Child protection

Cat. No.	Number of sockets	Cable length (m)	Max power (W)	Indicator of charge	Fuse	€
098476	4	1.5	3680	LED	Yes	N/A -
098477	6	1.5	3680	LED	Yes	N/A -
098478	2	-	3680	-	-	N/A -
098479	3	1.5	3500	-	-	N/A -
098480	4	1.5	3500	-	-	N/A -
098481	5	1.5	3500	-	-	N/A -

Watertight extension cable



- 4 sockets with lid
- Waterproof, IP54 standard, flexible neoprene
- Folding metal hook
- Max power 3500 W
- Cable 5 m

Cat. No.	Description	€
098482	4-socket watertight extension cable	N/A -

Digital Clamp Meter VAC - VDC / IAC

AC current	Range	20 A / 200 A / 600 A	Frequency 50 Hz ~ 60 Hz Max. input current: 120% of the value Time scale: ‹ 60 sec
	Accuracy	20 mA / 0.1 A / 1 A	
	Resolution	± (2.0 % + 5) / ± (2.0 % + 5) / ± (2.5 % +10)	
AC voltage	Range	200 V / 750 V	Input impedance: 1 MΩ Frequency: 40 Hz - 400 Hz Max. input voltage: 750 VAC
	Accuracy	0.1 V / 1 V	
	Resolution	± (1.0 % + 3) / ± (2.0 % + 5)	
DC voltage	Range	200 V / 1000 V	Input impedance: 10 MΩ Frequency: 40 Hz - 400 Hz Max. input voltage: 1000 VDC
	Accuracy	0.1 V / 1 V	
	Resolution	± (0.5 % + 1) / ± (1.0 % + 2)	
Temperature	Range	0 - 750 °C	Maximum protection: 250 VDC / VAC
	Accuracy	1 °C	
	Resolution	± (1 % + 3)	
Resistance	Range	20 kΩ	
	Accuracy	0.1 Ω	
	Resolution	± (1 % + 4)	
Working conditions		5 °C to 35 °C / ‹ 85 %RH	
Storage conditions		-10 °C to 50 °C / ‹ 85 %RH	
Battery		9V (NEDA1604, 6F22 or equivalent)	
Dimensions (mm)		240 x 86 x 40	
Weight (g)		280	
Cat. No.		**098500**	
€		**N/A -**	

- **Insulation: class 2, double insulation**
- **Overvoltage category: CATII 1000VDC - 750 VAC**
- **Display: 1999 counts (3 1/2)**
- **Dual analog / digital integration: 2.5 x/sec**
- **Diode test, continuity**
- **Automatic polarity: negative polarity indication (-)**
- **Hold function: fixed value**
- **2 test points red and black**
- **Instruction manual supplied**





All prices are indicative and exclude VAT. Visit www.dulis.nl

OTAL hand pump





Models 1
- For containers with 30 to 70 mm Ø openings
- PP delivery tubes
- Resistant to acids and bases
- Resistant to detergents

Model 2
- For containers with 30 to 70 mm Ø openings
- PVDF delivery tubes
- Resistant to weakly oxidizing acids and bases
- Bleach resistant
- Better chemical resistance than PP

Model 3
- For containers with 30 to 70 mm Ø openings
- Stainless steel delivery tube
- For hardly inflammable liquids
- 2 types of caps: PVC and LDPE

Model 4
- For containers with 30 to 70 mm Ø openings
- With hose and tap
- PP/PE tap
- PVC discharge hose
- Suitable for filling distant containers

Model 5
- With universal cap for Ø 20 - 36 mm necks
- PP delivery tubes
- Ideal for containers up to 10 litres

Model 6
- With tube locking valve
- With tip for precise transfer

	OTAL PP hand pump			OTAL PVDF hand pump	OTAL stainless steel hand pump	OTAL hand pump with hose and tap	OTAL PP mini pump
Model	Model 1	Model 1	Model 1	Model 2	Model 3	Model 4	Model 5
Flow rate (l/min)	14	20	26	20	26	12	4
Ø of tube (mm)	12	15	18	16	18	10	10
Material conveying tube	PP	PP	PP	PVDF	V2A	PP/PVC	PP
Immersion depth (cm)	70	70	70	70	90	70	45
Cat. No.	**670802**	**670801**	**670800**	**670803**	**670804**	**670805**	**670806**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Manual vacuum pump











Manual pump to create vacuum by suction.
Supplied complete with:
- vacuum gauge calibrated in inches and cm Hg;
- 1 PVC pipe 60 cm, internal diameter 6.3 mm (1/4'').

- **Light**
- **Easy to use**
- **Performing**
- **In PVC or aluminium**
- **With or without vacuum gauge**
- **Removable pump allows for parts replacement with the service kit**
- **Transfer of liquid samples**
- **Filtration under vacuum or pressure**
- **Vacuum desiccator**
- **Maximum obtainable vacuum: 0.84 bar (635 mm Hg)**

Capacity	15 cm³/impulsion	36 cm³/impulsion
PVC pump without gauge		
Cat. No.	**029338**	**029339**
€	**N/A -**	**N/A -**
Removable PVC pump with gauge		
Cat. No.	**029342**	**029343**
€	**N/A -**	**N/A -**
Removable aluminium pump with gauge		
Cat. No.	**029344**	**-**
€	**N/A -**	**-**

Polypropylene water vacuum pump

Complete water pump, made from high resistance polypropylene, for creating vacuums and suction of liquids.
The pimp is delivered complete with:

- a nut connector for R3/4'' tap, an R1/2'' reducer connector and a connector for vacuum hose barb fitting pipe ø external 10 - 12 mm;
- an unscrewable connector for vacuum hose barb fitting connector with external diameter 6 - 9 mm and a GL 14 screw cap

- **Consumption: 190 l/h at 3.5 bar pressure**
- **Final pressure: 16 mbar at 12 °C**
- **Suction capacity: 400 l/h at 12 °C and 3.5 bar**
- **Length: 210 mm**
- **Can be used down to 80 °C**
- **Backflow valve**

Cat. No.	Description	€
090294	Vacuum pump complete	N/A -



Accessories

Cat. No.	Description	€
090295	Reduction connector R3/8"	N/A -
090296	Reduction connector M 22 x 1 (perlator thread)	N/A -

QuickFlow 4l Aspirator

- **Switching to continuous mode on the QuickFlow handle eliminates the need to repeatedly press and hold the aspiration button.**
- **Ergonomic handle**
- **Sealed quick-snap connectors prevent contamination**
- **Overflow level sensor**
- **Variable suction speed**

Max. liquid volume (l)	4
Max. suction speed (ml/s)	17 (with suction pipette)
Vacuum range (kPa)	-20 to -70
Dimensions W x D x H (mm)	200 x 400 x 460
Weight (kg)	4.016
Tube int. x ext. Ø (mm)	4 x 8
Permissible temperature (°C)	0 to 40
Max. permissible humidity	85 %
Composition	- Pumping base - Recovery bottle - Quick-snap connectors - Tube and filter set - Suction handle - Adapter for Pasteur pipettes - Adapter for universal pipettes - 8 channel adapter for micropipette tips
Cat. No.	**712904**
€	**N/A -**





Accessories

Cat. No.	Description	€
712907	Support for handle	N/A -
712908	2 µm replacement filter	N/A -
712906	Replacement bottle with quick-snap connectors	N/A -
712905	Replacement handle with adapters	N/A -

Aspirator with Trap Flask

- **Compact, efficient, easy to use**
- **Integrated pump, vacuum 500 mbar**
- **1 litre Flask**
- **Protection against contamination thanks to hydrophobic filter**

Cat. No.	Description	€
144746	Liquid aspiration system with 1 l flask	N/A -





Options

Cat. No.	Description	€
144747	Kit with adapter + 8 channel holder	N/A -
144748	8 channel adapter only	N/A -
144749	Replacement filter	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

Vaccum Safety Suction System AZ complete



Small, efficient, quiet, and economical... All-in-one is ideal for quick aspiration of small amounts of liquid.

- **Also suitable for aspiration of supernatant cells**
- **Supplied complete with:**
  - **1 membrane vacuum pump (8 l air / min, 700 mbar)**
  - **1 polypropylene bottle (2 or 4 l) with FastLock clutches on the cap**
  - **1 membrane filter, 1 ventilation insert and 3 m of silicone hose (int. ø 6mm) + FastLock hose clip (bottle holder/stand sold separately)**

Model	2 litre Flask	4 litre Flask
Pump suction	8 l. air / min 700 mbar when empty	
Dimensions W x D x H (mm)	75 x 60 x 170	
Weight (kg)	0.8	
Power (W)	5	
Power supply	230 V / 50 Hz	
Cat. No.	**841078**	**841079**
€	**N/A -**	**N/A -**

Bottles



2 litres:
841083 + 841085

4 litres:
841084 + 841086

Cat. No.	Description	€
841083	Additional 2 l flask with FastLock cap	**N/A -**
841084	Additional 4 l flask with FastLock cap	**N/A -**
841086	Holder/stand for 4 l bottle.	**N/A -**
841090	Replacement cap with FastLock tip for 2 l flask.	**N/A -**
841091	Replacement cap with FastLock tip for 4 l flask.	**N/A -**

Pumps and pedals

Cat. No.	Description	€
841100	Membrane vacuum pump, single, 8 l/min 700 mbar	**N/A -**
841101	Membrane vacuum pump, single, 25 l/min 250 mbar	**N/A -**
841102	Membrane vacuum pump, single, 17 l/min 100 mbar	**N/A -**
841103	Foot switch ON/OFF for pumps and systems	**N/A -**

››› Do you have a pump already?

Suction systems WITHOUT pumps contain all the elements listed below:

- **1 polypropylene bottle (2 or 4 l.) with FastLock caps**
- **1 membrane filter, 1 ventilation insert and 3 m silicone tubing (int. ø. 6 mm) + tubing clip on FastLock**

and, in addition:

- **1 bottle holder/stand (2 or 4 l.) included**
- **1 suction handle with Flow Control knob and integrated standard adapter for pasteur pipettes**

Other suction adapters sold separately.

Suction system without pump

Cat. No.	Description	€
841081	AK02 aspiration system without pump, 2 l bottle.	**N/A -**
841082	AK04 aspiration system without pump, 4 l bottle.	**N/A -**

Accessories & adapters

Cat. No.	Description	€
841092	Tube Set: 3 m silicone tubing (inner ø 6 mm) + filter	**N/A -**
841088	Y-manifold for more than one hose	**N/A -**
841089	Pack of 3 spare safety filters	**N/A -**
841087	Additional hose clip for FastLock tips	**N/A -**
841093	Suction handle with Flow Control knob *	**N/A -**
841094	Single-channel stainless steel suction adapter 60 mm	**N/A -**
841095	Single-channel stainless steel suction adapter 150 mm	**N/A -**
841096	Single-channel stainless steel suction adapter 200 mm	**N/A -**
841097	Suction adapter for yellow pipette tips	**N/A -**
841098	8-channel autoclavable suction adapter for microplates	**N/A -**

* The suction handle is supplied with an adapter for standard pasteur pipettes.

MiniVac Aspiration System



- **Simple filtration system**
- **Operates on a vacuum tube or aspiration system**
- **Not autoclavable**

Supplied complete with:

- A sterile polystyrene flask (sterilisation with gamma rays),1 l capacity, dimensions (L x W): 20 cm x 11 cm
- a GL 45 cap with 2 connections for tubing of 5 mm internal diameter
- A PETG holder, dimensions (L x H): 20 cm x 8 cm
- 70 cm of silicone tubing, int. diameter 5 mm, ext. diameter 9.5 mm

Cat. No.	Description	€
141272	MiniVac Aspiration System	**N/A -**

Accessories

Cat. No.	Description	€
141273	45 mm cap with PP minivac connection	**N/A -**
141274	PETG minivac bottle holder	**N/A -**
141275	minivac 1 l bottle	**N/A -**
141276	Plastic tubing 700 mm	**N/A -**

Biodolphin Liquid Aspiration Kit

- Ergonomic handle
- Suction in continuous mode without holding the button
- Fully autoclavable except for the rack
- One-handed tip ejection
- Numerous quick-change accessories
- Available in different colours



The kit includes:

- a handle;
- a single-channel tip adapter;
- an 8-channel tip adapter;
- an 8-channel stainless steel tip adapter 40 mm;
- a single-channel stainless steel tip adapter 40 mm;
- a single-channel stainless steel tip adapter 80 mm;
- a rack.



Biodolphin aspiration kit

Colours	Light blue	Dark blue	Pink	Green
Cat. No.	886032	886033	886034	886035
€	N/A -	N/A -	N/A -	N/A -

Double suction / filtration system with pump

Cat. No.	Description	€
886012	Double suction / filtration system with pump	N/A -

LabK1 and LabS1 peristaltic pumps

- Quiet pump with low power consumption
- For constant flow liquid transfer
- Easy change of tubing
- Rotary knob for speed adjustment (0.1 rpm increments)
- On / off function, change of rotation direction
- Settings kept in memory in case of power failure
- RS485 communication port for control according to MODBUS protocol: start/stop, direction of rotation (switching signal), speed (0-5V , 0-10V, 4-20mA)
- ABS case
- Autoclavable tubing and connectors

Model	SUPER TRIM	REX MINI	
Pump head	Micropump	UD15	Minipump
Flow rate (ml / min)	0.004 - 149.23	0.008- 930	0.0024- 190
Adjustable speed range (rpm)	0.1 - 350		0.1 - 300
Speed increment (rpm)	0.1		
Ambient temperature accepted (°C)	0 - 40		
Accepted relative humidity	‹ 80%		
Power supply	220 V, 50/60 Hz		
Protection index	IP31		
Dimensions W x D x H (mm)	115 x 180 x 125		
Weight (g)	800		
Cat. No.	129510	129512	129511
€	N/A -	N/A -	N/A -



129510



129512

Accessories

Tubing	inn. Ø (mm)	Thickness (mm)	ext. Ø (mm)	Flow rate (ml / min)		
				labK3 / Micropump	LabS3 / UD15	LabS3 / Minipump
1x1	1	1	2	0.004 -14.88	-	0.005 -15
2x1	2	1	3	0.014 -50.05	-	0.018 -54
2.5x1	2.5	1	3.5	0.025 -76.8	-	0.025 -76.8
3x1	3	1	4	0.03 -149.23	-	0.035 -108
#13	0.8	1.6	4	-	-	0.0024 -8.28
#14	1.6	1.6	4.8	-	-	0.0112 -33.88
#16	3.1	1.6	5.6	-	0.08 -280	0.04 -114
#25	4.8	1.6	8	-	0.16 -580	0.06 -190
#17	6.4	1.6	9.6	-	0.26 -930	-

All prices are indicative and exclude VAT. Visit www.dulis.nl

Gilson Minipuls 3 peristaltic pump



- For the smooth transfer of liquids
- The liquid is pushed into the tubing by ten drive rollers which produce a pulsation-free liquid advance
- Adjustable speed
- The Minipuls is delivered without a distributor head
- Robust construction
- Easy to clean
- Easily interchangeable tubing: simply open the cams and each tubing can be changed independently
- Choice of 6 heads:
  - 1, 2, 4 or 8 channels in standard speed;
  - 2 or 4 channels in high speed
- Wide range of tubing:
  - Standard version: 0.3 ml/min to 30 ml/min (max pressure 0.5 MPa);
  - high flow version: 1 ml/min to 220 ml/min (max pressure 0.3 MPa)



Find the tubing and connectors for Gilson pumps on www.dulis.nl

Cat. No.	Description	€
066141	Minipuls MP3	N/A -
066142	Head R1 Minipuls MP3	N/A -
066143	Head R4 Minipuls MP3	N/A -
066144	Head R8 Minipuls MP3	N/A -
066145	Head R2 Minipuls MP3	N/A -
066146	Head R2HF Minipuls MP3 High Flow	N/A -
066147	Head R4HF Minipuls MP3 High Flow	N/A -

LabM1 peristaltic pumps

- Quick start button
- Automatic control via communication interface
- LED display showing the speed of rotation
- ABS case
- Available in 1, 2 or 4 channel versions



Number of channels	1	2	4
Flow rate (ml / min)	0.0035-570		
Adjustable speed range (rpm)*	0.1 - 150		
Speed increment (rpm)	0.1		
Communication interface	RS232/RS485, MODBUS protocol (RTU mode)		
Ambient temperature accepted (°C)	0 - 40		
Accepted relative humidity	‹ 80 %		
Power consumption (Watts)	‹ 50		
Power supply	200-240V, 50/60 Hz		
Dimensions without head (cm) (L x D x H)	15.73 x 26.14 x 23.07		
Weight (kg)	4.4		
Cat. No.	**129300**	**129301**	**129302**
€	**N/A -**	**N/A -**	**N/A -**

* For best accuracy, it is recommended to use a range of 0.5 to 150 rpm

Silicone tubing

- Platinum-treated silicone tubing
- Can be used from -51 to 238 °C
- Low protein Retention

Cat. No.	Model	Inn. Ø (mm)	Thickness (mm)	out. Ø (mm)	Flow rate (ml/min)*	Long. (m)	€
129303	# 13	0.8	1.6	4	0.035 - 10.5	15	N/A -
129304	# 14	1.6	1.6	4.8	0.135 - 40.5	15	N/A -
129305	# 19	2.4	1.6	5.6	0.275 - 82.5	15	N/A -
129306	# 16	3.1	1.6	6.3	0.41 - 123	15	N/A -
129307	# 25	4.8	1.6	8	0.85 - 255	15	N/A -
129308	# 17	6.4	1.6	9.6	1.45 - 435	15	N/A -
129309	# 18	7.9	1.6	11.1	1.9 - 570	15	N/A -

* For a speed between 0.5 and 150 rpm.

LabN1 peristaltic pumps

- ABS case, 3.2" colour display
- Quiet pump with low power consumption
- For constant flow liquid transfer
- Possibility to preset an operating time for dispensing the liquid
- Rotary knob for speed adjustment (0.1 rpm increments)
- Calibration function for greater accuracy
- On / off function, change of rotation direction
- Settings kept in memory in case of power failure
- RS232 and RS485 communication port for control according to MODBUS protocol: start/stop, direction of rotation (switching signal), speed (0-5 V , 0-10 V, 4-20 mA)
- Fast running function for rincing and filling the hose
- Storage of parameters in case of power failure
- Control of start and stop functions by foot pedal or computer via the communication port (RS232 and RS485)
- Available with self-locking pump head type YZ1515x for flow rates from 0.007 to 570 ml / min, 1, 2 or 4 channels depending on the model chosen
- Available with Low Flow Rate Pump head MC1 (10 rollers), from 1 to 12 channels depending on model chosen

Model	LabN1 head YZ1515x	LabN1 head MC 10 rollers
Flow rate (ml / min)	0.007 - 570	0.000166 - 48.6
Adjustable speed range (rpm)	0.1 - 150	
Programmable dispensing time	0.1 s to 9999 h	
Speed increment (rpm)	0.1	
Dispensing accuracy	‹ ± 0.5 %	
Accepted ambient temperature (°C)	0 - 40	
Accepted relative humidity	‹ 80 %	
Power consumption (watts)	‹ 50	
Protection index	IP31	
Power supply	220 V, 50/60 Hz	
Dimensions W x D x H (mm)	157.3 x 261.4 x 236.9	
Weight (kg)	4.4	



LabN1 pump with pump head type YZ1515x

Number of heads	1 single-channel head	2 single-channel heads	4 single-channel heads
Cat. No.	**129394**	**129395**	**129396**
€	**N/A -**	**N/A -**	**N/A -**

LabN1 pump with 10-roller MC pumphead

Number of heads	1-channel MC1 head	2-channel MC head	4-channel MC head	8-channel MC head	12-channel MC head
Cat. No.	**129397**	**129398**	**129399**	**129400**	**129401**
€	**N/A -**	**N/A -**	**N/A -**	**N/A -**	**N/A -**

Hoses for LabN1 pump with pump head type YZ1515x

Cat. No.	Silicone tubing	Inn. Ø (mm)	Thickness (mm)	out. Ø (mm)	Flow rate (ml/min)	Length (m)	€
129303	#13	0.8	1.6	4	0.007 - 10.5	15	**N/A -**
129304	#14	1.6	1.6	4.8	0.027 - 40.5	15	**N/A -**
129305	#19	2.4	1.6	5.6	0.055 - 82.5	15	**N/A -**
129306	#16	3.1	1.6	6.3	0.082 - 123	15	**N/A -**
129307	#25	4.8	1.6	8	0.17 - 255	15	**N/A -**
129308	#17	6.4	1.6	9.6	0.29 - 435	15	**N/A -**
129309	#18	7.9	1.6	11.1	0.38 - 570	15	**N/A -**

Tubing for LabN1 pump with 10-roller MC pumphead

Cat. No.	Silicone hose	Inn. Ø (mm)	Thickness (mm)	out. Ø (mm)	Flow rate (ml/min)	Length (m)	Units/ box	€
129343	Tubing Tygon R-3603, 0.13x0.9	0.13	0.9	1.93	0.00016 - 0.24	0.4	12	**N/A -**
129393	Silicone tubing 1x1	1	1	3	0.0046 - 6.9	1	12	**N/A -**
129345	Silicone tubing 2x1	2	1	4	0.0156 - 23.4	1	12	**N/A -**
129347	Silicone tubing 2.4x0.8	2.4	0.8	4	0.0212 - 31.8	1	12	**N/A -**
129342	Silicone tubing 3x1	3	1	5	0.0324 - 48.6	1	12	**N/A -**

All prices are indicative and exclude VAT. Visit www.dulis.nl

Lab 2015 peristaltic pump



- ABS case
- Colour display with animation
- Scratch resistant touch screen
- Calibration function for greater accuracy
- Possibility of adjusting the volume to be dispensed as well as the dispensing time
- Programmable pump start and stop time
- Stores settings in case of power failure
- Fan speed controlled by pump temperature
- Flow rate from 0.007 to 380 ml/min depending on hose

Flow rate (ml/min)	0.007-380
Adjustable speed range (rpm)	0.1 - 100
Speed increment (rpm)	0.01
Ambient temperature accepted (°C)	0 - 40
Accepted relative humidity	‹ 80 %
Power consumption (watts)	‹ 50
Power supply	200-240 V, 50/60 Hz
Sealing standard	IP31
Dimensions W x D x H (mm)	15.73 x 26.14 x 23.69
Weight (kg)	4.4
Cat. No.	**129311**
€	**N/A -**

Silicone tubing

Cat. No.	Model	Inn. Ø (mm)	Thickness (mm)	out. Ø (mm)	Flow rate (ml/min)*	Long. (m)	€
129303	# 13	0.8	1.6	4	0.007 - 7	15	N/A -
129304	# 14	1.6	1.6	4.8	0.027 - 27	15	N/A -
129305	# 19	2.4	1.6	5.6	0.055 - 55	15	N/A -
129306	# 16	3.1	1.6	6.3	0.082 - 82	15	N/A -
129307	# 25	4.8	1.6	8	0.17 - 170	15	N/A -
129308	# 17	6.4	1.6	9.6	0.29 - 290	15	N/A -
129309	# 18	7.9	1.6	11.1	0.38 - 380	15	N/A -

* For a speed between 0.5 and 150 rpm.

LabF and LaBV Peristaltic Pumps



129325 129330

Common features of the LabF and LabV series

- Each series is available in 3 different versions depending on the range of flow rates
- LCD colour touch screen 4.3"
- Dispensing volume, dispensing time, pause time and setting parameters are displayed on the same screen
- Adjustable dispensing parameters: volume, duration, pause time and number of repetitions
- Calibration function for greater accuracy
- Fast running function for rincing and filling the hose
- RS232 and RS485 communication port f or MODBUS protocol control
- Storage of parameters in case of power failure
- ABS case
- Available in 1, 2 or 4 single-channel heads
- Control pedal included for each pump

LabF Series

- 60 storable dispensing programs
- Control of start and stop functions by foot pedal or computer via the communication port

LabV Series

- Control of start, stop and direction of rotation by foot pedal
- Numerous functions controllable via programming to meet industrial requirements
- Programmable pump start and stop time
- Fixed dispensing volume function with the possibility of changing the flow rate during dispensing

TIP

Also available with multi-channel heads, consult us

Model	Lab F1/V1	Lab F3/V3	Lab F6/V6
Flow rate (ml / min)	0.07 - 570	0.07 - 1330	0.07 - 2280
Adjustable speed range (rpm)	1 - 150	1 - 350	1 - 600
Speed increment (rpm)	0.01		
Dispensing volume range (ml)	0.1 - 9999.99		
Dispensing volume increment (ml)	0.01		
Dispensing time (sec)	0.5 - 9999.99		
Pause time (sec)	0.5 - 9999.99		
Time increment (sec)	0.01		
Number of repetitions of the dispensing cycle	1 - 9999, or infinity		
Dispensing accuracy	< ±0.5%		
Ambient temperature accepted (°C)	0 - 40		
Accepted relative humidity	< 80%		
Power consumption (W)	< 50		
Power supply	220 V, 50/60 Hz		
Dimensions W x D x H (mm)	15.73 x 26.41x 23.69		
Weight (kg)	4.4		

No. of single-channel heads	1		2		4	
Pump	**Cat. No.**	**€**	**Cat. No.**	**€**	**Cat. No.**	**€**
LabF1	129327	N/A -	129328	N/A -	129329	N/A -
LabF3	129330	N/A -	129331	N/A -	-	-
LabF6	129333	N/A -	129334	N/A -	129335	N/A -
LabV1	129319	N/A -	129320	N/A -	129318	N/A -
LabV3	129321	N/A -	129322	N/A -	-	-
LabV6	129324	N/A -	129325	N/A -	129326	N/A -

Silicone tubing

Tubing	Inn./out. ø (mm)	Thickness (mm)	Flow rate (ml/min) F1 / V1	F3 / V3	F6 / V6	Cat. No.	€
#13	0.8 / 4	1.6	0.07 - 10.5	0.07 - 24.5	0.07 - 42	129303	N/A -
#14	1.6 / 4.8	1.6	0.27 - 40.5	0.27 - 94.5	0.27 - 162	129304	N/A -
#19	2.4 / 5.6	1.6	0.55 - 82.5	0.55 - 192.5	0.55 - 330	129305	N/A -
#16	3.1 / 6.3	1.6	0.82 - 123	0.82 - 287	0.82 - 492	129306	N/A -
#25	4.8 / 8	1.6	1.7 - 255	1.7 - 595	1.7 - 1020	129307	N/A -
#17	6.4 / 9.6	1.6	2.9 - 435	2.9 - 1015	2.9 - 1740	129308	N/A -
#18	7.9 / 11.1	1.6	3.8 - 570	3.8 - 1330	3.8 - 2280	129309	N/A -

Digital peristaltic pump

- **Compact**
- **Microprocessor control**
- **Speed and direction adjustment**



Model	MU-D01	MU-D02
Power	50 W	100 W
Speed/ Increment	20 - 300 rpm / 1 rpm	5 - 600 rpm /1 rpm
Flow rate	1.2 to 1140 ml/min	0.3 to 2280 ml/min
Working temperature	Amb. to + 40 °C	
Dimensions (L x W x H)	200 x 340 x 130 mm	
Material	Iron	
Weight (kg)	5.7	
Voltage (V)	220	
Cat. No.	**022105**	**022106**
€	**N/A -**	**N/A -**

Silicone hoses - Length 7.5 m

Cat. No.	Inner diameter (mm)	Flow rate (ml/min) at 6 to 600 rpm	€
022107	0.8	0.36 to 36	**N/A -**
022108	1.6	1.3 to 130	**N/A -**
022109	3.1	4.8 to 480	**N/A -**
022110	4.8	10 to 100	**N/A -**
022111	6.4	17 to 1700	**N/A -**
022112	7.9	23 to 2300	**N/A -**

Unispense Pro peristaltic pump

- **Peristaltic pump for liquid dispensing at 30, 60, 120, 270, 540 and 1080 ml/min.**
- **Possibility of adding a pedal control**
- **5" LCD screen with multilingual display**
- **2 preset speeds 75 and 150 rpm (flow rate will depend on hose diameter)**
- **Fully autoclavable tubing**
- **Up to 2 stackable heads**



Cat. No.	Description	€
050703	Unispense Pro peristaltic pump	**N/A -**
050398	Pump head "stackable"	**N/A -**
050501	Foot pedal	**N/A -**
050705	2 mm tubing with ends 1.5 m	**N/A -**
374311	3 mm tubing with ends 1.5 m	**N/A -**
048819	6 mm tubing with ends 1.5 m	**N/A -**
048815	8 mm tubing with ends1.5 m	**N/A -**
050706	2 mm tube for Unispense/Omnispense 7.62 m	**N/A -**
050707	3 mm tube for Unispense/Omnispense 7.62 m	**N/A -**
050708	6 mm tube for Unispense/Omnispense 7.62 m	**N/A -**
050709	8 mm tube for Unispense/Omnispense 7.62 m	**N/A -**

Tubes	Flow rate at 75 rpm	Flow rate at 150 rpm
2 mm	30 ml/min	60 ml/min
3 mm	60 ml/min	120 ml/min
6 mm	270 ml/min	540 ml/min
8 mm	540 ml/min	1080 ml/min
Accuracy	+/- 1 %	

All prices are indicative and exclude VAT. Visit www.dulis.nl

Unispense Elite peristaltic pump



- **Peristaltic pump for liquid dispensing from 20.4 to 1746 ml/min.**
- **Possibility of adding a pedal control**
- **5" LCD screen with multilingual display**
- **Adjustable speed from 0.5 to 400 rpm (flow rate will depend on hose diameter)**
- **Fully autoclavable tubing**
- **Up to 2 stackable heads**

Tubes	Flow rate (speed 0.5 to 400 rpm)
2 mm	20.4 to 174 ml/min
3 mm	40.2 to 354 ml/min
6 mm	131 to 1176 ml/min
8 mm	200 to 1746 ml/min
Accuracy	+/- 1 %

Cat. No.	Description	€
050704	Omnispense Elite peristaltic pump	**N/A -**
050398	Pump head "stackable"	**N/A -**
050501	Foot pedal	**N/A -**
050705	2 mm tubing with ends 1.5 m	**N/A -**
374311	3 mm tubing with ends 1.5 m	**N/A -**
048819	6 mm tubing with ends 1.5 m	**N/A -**
048815	8 mm tubing with ends 1.5 m	**N/A -**
050706	2 mm tube for Unispense/Omnispense 7.62 m	**N/A -**
050707	3 mm tube for Unispense/Omnispense 7.62 m	**N/A -**
050708	6 mm tube for Unispense/Omnispense 7.62 m	**N/A -**
050709	8 mm tube for Unispense/Omnispense 7.62 m	**N/A -**

Antlia Digital Peristaltic Pump



- **High precision and robustness**
- **Memory of last settings in case of power failure**
- **Accepts tubing with an internal diameter of less than 2.54 mm**
- **12 rollers for unparalleled flow stability**

Model	Antlia-3C
Number of channels	3
Speed (rpm)	0.5 to 50
Increment (rpm)	0.1
Stability (rpm)	0.01
Minimum flow rate (mL/min)	0.004
Head diameter (mm)	70
Roll (No. / material)	12 / stainless steel
Dimensions (W x L x H) (mm)	170 x 170 x 250
Weight (kg)	5.5
Power supply	90-264V, 47-440 Hz
Cat. No.	**178961**
€	**N/A -**

Accuro Pump for gas detection tubes

- One-handed operation
- Each press draws in a calibrated dose of 100 ml of sample
- End-of-cicle indicator
- Automatic pulse counter
- Suitable for use with Dräger colorimetric tubes

Cat. No.	Description	€
672500	Complete Accuro pump kit: - pump; - tube cutter; - nylon carrying case; - spare parts bag.	N/A -
672501	Pump only + tube cutter	N/A -

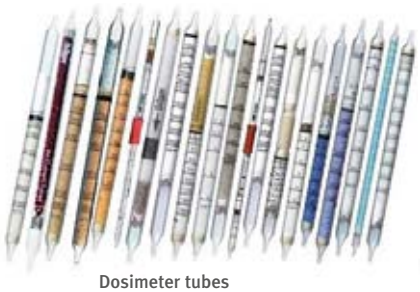
672501



Accessories

Cat. No.	Description	€
672502	Empty hard carrying case	N/A -
672503	Pocket book "Reagent Tubes & CMS"	N/A -
672505	1 m extension hose with simultaneous test adapter	N/A -
672506	Extension hose 3 m	N/A -
672510	Reagent tube heater *	N/A -

* For the use of Dräger tubes under the prescribed temperature limit.



Dosimeter tubes

672502



WEB

You can find the complete list of dosimetric tubes on our website: www.dulis.nl

Portable sealing machine

- For hermetic sealing of plastics, PE, PP and cellophane, aluminium coated paper and Kraft paper up to 0.6 mm thickness
- Pliers-shaped and very easy to use
- Pressure sealing
- Temperature selection switch for 120 °C or 180 °C
- Maximum sealing length: 150 mm
- Consumption: 50 W
- Weight: 0.6 kg

Cat. No.	Description	€
068641	Portable Sealer 150-C	N/A -



Sealer 305-C

- For sealing plastic and other thermoplastic materials up to 0.4 mm thick
- Very easy to use: press and seal
- Manual cutting
- Supplied with 2 resistors, 2 PTFE fabric resistance covers and one blade
- Maximum sealing length: 300 mm
- Sealing temperature: 140 °C
- Sealing width: 5 mm
- Instant sealing between 0.2 and 1.3 seconds
- H x L x D: 190 x 480 x 82 mm
- Consumption: 1 100 W
- Weight: 5.2 kg

Cat. No.	Description	€
068642	Sealer 305-C	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

Sealing machine for sterilisation bags



- Pressure welding
- Sealing width: 12 mm
- Max. weld length: 300 mm
- Weight: 4.8 kg
- Dimensions 17.5 x 47 x 35 cm
- Consumption: 100 W

Cat. No.	Description	€
068587B	Sealing machine for sterilisation bags	N/A -



Bags and sleeves:
See pages 1269 and 1270

Automatic sealing machine for sterilisation bags



For polypropylene / polyester bags with sterile paper base. According to DIN 58953.

- Made of epoxy-coated Metal
- Heating time: 4 min.
- Width of seal: 10 mm
- Sealing Speed: 6 m/min.
- Removable AISI 304 stainless steel pocket support plate
- Weight: 13 kg
- Consumption: 400 W
- Illuminated switch to start the heating
- Illuminated motor start switch
- Light to signal the start of sealing
- Side temperature control thermostat

Cat. No.	Description	Ext. dimension (H x L x D)	€
068589B	Automatic Sealing Machine	16 x 48 x 26 cm	N/A -



Bags and sleeves:
See pages 1269 and 1270

Manual welding machine



Manual welding machine.

- Suitable for all types of packaging and sterilisation (with or without bellows)
- An integrated roll holder and cutting device
- Stem length: max. 250 mm, width of the weld: 8 mm max.

Cat. No.	Description	€
095099	Hawo HD260 MS8 Manual Welding Machine	N/A -



Bags and sleeves:
See pages 1269 and 1270

Standards for spectrophotometry

➤**Available as a sealed cuvette or as a solution in a bottle**

Bandwidth standard

Control of the ratio between the peak value at 268.7 nm and the trough value at 266.8 nm.
Complies with the European Pharmacopoeia.

Cat. No.	Description	€
440689	Sealed UV cuvettes, bandwidth standard and Blank	N/A -
440690	Bandwidth standard solution 100 ml	N/A -
440691	Blank solution for bandwidth calibration 100 ml	N/A -

Absorbance/transmission and linearity standard in UV (235, 257, 313 and 350 nm)

Control of absorbance measurement for different wavelengths in the UV (linearity of response). Complies with the European Pharmacopoeia.

Cat. No.	Description	€
440692	Sealed UV cuvettes, absorbance standard (potassium dichromate 60 mg/l) and blank	N/A -
440693	Absorbance Standard solution (potassium dichromate 60 mg/l) 100 ml	N/A -
440694	Absorbance standard solution (0.005 M sulphuric acid) 100 ml	N/A -
440695	Sealed UV cuvettes, absorbance standard (potassium dichromate 600 mg/l) and blank	N/A -
440696	Absorbance Standard solution (potassium dichromate 600 mg/l) 100 ml	N/A -
440697	Absorbance standard solution (0.005M sulphuric acid) 100 ml	N/A -

➤**NIST-connected certificate**

Resolution standard for derivative spectrophotometry

Complies with the European Pharmacopoeia.

Cat. No.	Description	€
440698	Sealed UV cuvettes, resolution standard and blank	N/A -
440699	Resolution standard solution	N/A -
440704	Blank solution (methanol) for resolution calibration	N/A -

Baseline standard

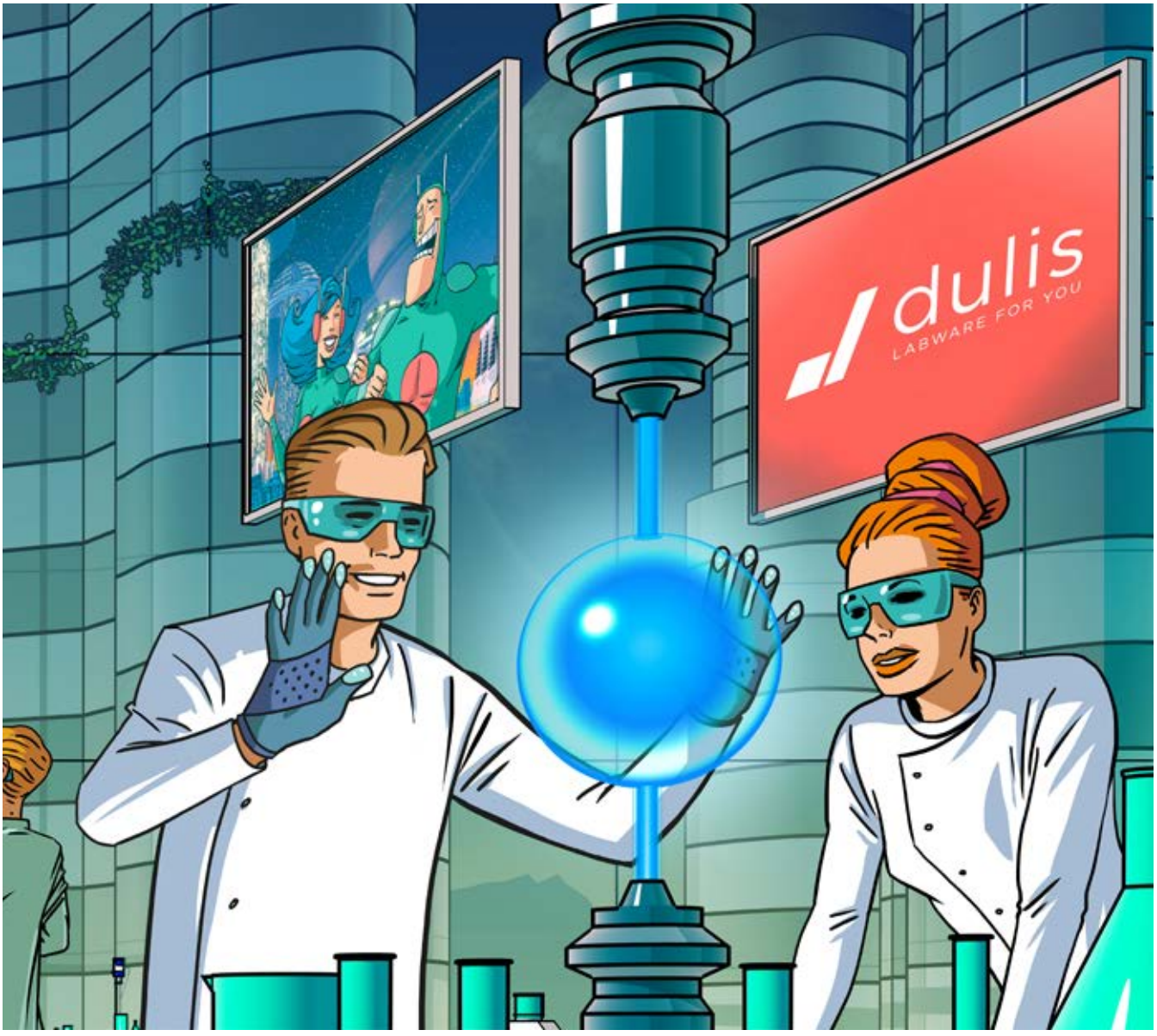
Stray light control.
Complies with the European Pharmacopoeia.

Cat. No.	Description	€
440705	Sealed UV cuvettes, resolution standard and blank	N/A -
440706	Baseline standard solution	N/A -
440707	Blank solution (water) for baseline calibration	N/A -

Wavelength standard from 240 to 640 nm (certified for bandwidths of 0.1 nm, 0.2 nm, 0.5 nm, 1 nm and 2 nm)

Controls the absence of wavelength shift. Complies with the European Pharmacopoeia.

Cat. No.	Description	€
440708	Sealed UV cuvette, Wavelength Standard from 240 to 640 nm	N/A -
440709	Wavelength standard solution from 240 to 640 nm - 12 x 5 ml	N/A -



All prices are indicative and exclude VAT. Visit www.dulis.nl

SteriMax Smart Steriliser



- Made of stainless steel with thermally insulated safety glass coating
- Special quartz inner tube, easy to clean
- No heating time required
- Infrared sensor for ignition
- Two user profiles for temperature and time settings
- Thermocontrol technology for low heat dissipation
- Warranty: 2 years

Sterilisation temperature (°C)	750 - 1000
Heating power (W)	600
Tube inn. Dim. Ø x W (mm)	16 x 112
Dimensions W x D x H (mm)	110 x 170 x 180
Weight (kg)	1.8
Power supply	220-240 V, 50/60 Hz
Protection class	IP 20
Cat. No.	**788000**
€	**N/A -**

Accessories

Cat. No.	Description	€
788001	Replacement quartz inner tube	**N/A -**
788002	Stainless steel 3-places tray for lateral attachment	**N/A -**
788003	Sterilisation rack for instruments	**N/A -**

"Sterilbio" Steriliser with Radiation



Sterilises loops for seeding, needles, culture tubes and small instruments effectively, destroying any organic material in 5/8 seconds at a temperature of 900 ° C.

- Built with high quality ceramic elements and inner quartz tube
- Does not require oxygen and can be used in anaerobic environments
- Eliminates aerosol problems
- Prevents bacterial contamination
- Side support included, with 4 slots for Kolle sleeves, needles, lancets, dissection forceps, etc.
- Ext. dimension: 20 x 13 x 18 cm (H x L x D)
- ø x int. tube W: 1.4 x 15 cm
- Consumption: 110 W
- Weight: 1.5 kg

Cat. No.	Description	€
068586	"Sterilbio" Steriliser / incinerator with radiation	**N/A -**

Poupinel dry heat steriliser



For the rapid sterilisation of various instruments.

- AISI 304 Stainless steel interior
- Hinged lid
- Pull-out basket with grippers
- Temperature adjustable from 100 °C to 250 °C
- Equipped with a main switch, a power indicator, a timer from 0 to 120 min
- Internal dimensions (L x D x H): 25 x 12 x 6.5 cm
- External dimensions (L x D x H): 31 x 20 x 15 cm
- Power consumption 300 W / weight 4 kg

Cat. No.	Description	€
341071	DRYTHERM II Dry heat Poupinel sterilisor	**N/A -**

UV-Box decontamination chamber



- High intensity UV lamps 254 nm
- Adjustable timer 0 - 60 min
- Stainless steel internal walls with anti-microbial surface treatment
- Anti-UV observation window
- Secure locking system with key

Ext. dim. L x D x H (mm)	387 x 521 x 483
Weight (kg)	16
Wavelength (nm)	254
Tubes	3 x 60 Watt
Power supply	220 V / 50 Hz
Cat. No.	**231201**
€	**N/A -**

Haver & Boeckler Test Sieves



- According to ISO 3310- 1
- Delivered with certificate of conformity 2.1 according to EN 10 204
- Stainless steel
- Other diameters, please consult us

	Dimensions Ø x H (mm)					
	100 x 45		150 x 50		200 x 50	
Mesh	Cat. No.	€	Cat. No.	€	Cat. No.	€
20 µm	493001	N/A -	493055	N/A -	493109	N/A -
25 µm	493002	N/A -	493056	N/A -	493110	N/A -
32 µm	493003	N/A -	493057	N/A -	493111	N/A -
36 µm	493004	N/A -	493058	N/A -	493112	N/A -
38 µm	493005	N/A -	493059	N/A -	493113	N/A -
40 µm	493006	N/A -	493060	N/A -	493114	N/A -
45 µm	493007	N/A -	493061	N/A -	493115	N/A -
50 µm	493008	N/A -	493062	N/A -	493116	N/A -
53 µm	493009	N/A -	493063	N/A -	493117	N/A -
56 µm	493010	N/A -	493064	N/A -	493118	N/A -
63 µm	493011	N/A -	493065	N/A -	493119	N/A -
71 µm	493012	N/A -	493066	N/A -	493120	N/A -
75 µm	493013	N/A -	493067	N/A -	493121	N/A -
80 µm	493014	N/A -	493068	N/A -	493122	N/A -
90 µm	493015	N/A -	493069	N/A -	493123	N/A -
100 µm	493016	N/A -	493070	N/A -	493124	N/A -
106 µm	493017	N/A -	493071	N/A -	493125	N/A -
112 µm	493018	N/A -	493072	N/A -	493126	N/A -
125 µm	493019	N/A -	493073	N/A -	493127	N/A -
140 µm	493020	N/A -	493074	N/A -	493128	N/A -
150 µm	493021	N/A -	493075	N/A -	493129	N/A -
160 µm	493022	N/A -	493076	N/A -	493130	N/A -
180 µm	493023	N/A -	493077	N/A -	493131	N/A -
200 µm	493024	N/A -	493078	N/A -	493132	N/A -
212 µm	493025	N/A -	493079	N/A -	493133	N/A -
224 µm	493026	N/A -	493080	N/A -	493134	N/A -
250 µm	493027	N/A -	493081	N/A -	493135	N/A -
280 µm	493028	N/A -	493082	N/A -	493136	N/A -
300 µm	493029	N/A -	493083	N/A -	493137	N/A -
315 µm	493030	N/A -	493084	N/A -	493138	N/A -
355 µm	493031	N/A -	493085	N/A -	493139	N/A -
400 µm	493032	N/A -	493086	N/A -	493140	N/A -
425 µm	493033	N/A -	493087	N/A -	493141	N/A -
450 µm	493034	N/A -	493088	N/A -	493142	N/A -
500 µm	493035	N/A -	493089	N/A -	493143	N/A -
560 µm	493036	N/A -	493090	N/A -	493144	N/A -
600 µm	493037	N/A -	493091	N/A -	493145	N/A -
630 µm	493038	N/A -	493092	N/A -	493146	N/A -
710 µm	493039	N/A -	493093	N/A -	493147	N/A -
800 µm	493040	N/A -	493094	N/A -	493148	N/A -
850 µm	493041	N/A -	493095	N/A -	493149	N/A -
900 µm	493042	N/A -	493096	N/A -	493150	N/A -
1 mm	493043	N/A -	493097	N/A -	493151	N/A -
1.12 mm	493044	N/A -	493098	N/A -	493152	N/A -
1.18 mm	493045	N/A -	493099	N/A -	493153	N/A -
1.25 mm	493046	N/A -	493100	N/A -	493154	N/A -
1.4 mm	493047	N/A -	493101	N/A -	493155	N/A -
1.6 mm	493048	N/A -	493102	N/A -	493156	N/A -
1.7 mm	493049	N/A -	493103	N/A -	493157	N/A -
1.8 mm	493050	N/A -	493104	N/A -	493158	N/A -
2 mm	493051	N/A -	493105	N/A -	493159	N/A -
2.24 mm	493052	N/A -	493106	N/A -	493160	N/A -
2.36 mm	493053	N/A -	493107	N/A -	493161	N/A -
2.5 mm	493054	N/A -	493108	N/A -	493162	N/A -
2.8 mm	-	-	-	-	493163	N/A -
3.15 mm	-	-	-	-	493164	N/A -
3.35 mm	-	-	-	-	493165	N/A -
3.55 mm	-	-	-	-	493166	N/A -
4 mm	-	-	-	-	493167	N/A -
4.5 mm	-	-	-	-	493168	N/A -
4.75 mm	-	-	-	-	493169	N/A -
5 mm	-	-	-	-	493170	N/A -
5.6 mm	-	-	-	-	493171	N/A -
6.3 mm	-	-	-	-	493172	N/A -
6.7 mm	-	-	-	-	493173	N/A -
7.1 mm	-	-	-	-	493174	N/A -
8 mm	-	-	-	-	493175	N/A -
9 mm	-	-	-	-	493176	N/A -
9.5 mm	-	-	-	-	493177	N/A -
10 mm	-	-	-	-	493178	N/A -
11.2 mm	-	-	-	-	493179	N/A -
12.5 mm	-	-	-	-	493180	N/A -
13.2 mm	-	-	-	-	493181	N/A -
14 mm	-	-	-	-	493182	N/A -
16 mm	-	-	-	-	493183	N/A -
18 mm	-	-	-	-	493184	N/A -
19 mm	-	-	-	-	493185	N/A -
20 mm	-	-	-	-	493186	N/A -
22.4 mm	-	-	-	-	493187	N/A -
25 mm	-	-	-	-	493188	N/A -
26.5 mm	-	-	-	-	493189	N/A -
28 mm	-	-	-	-	493190	N/A -
31.5 mm	-	-	-	-	493191	N/A -
35.5 mm	-	-	-	-	493192	N/A -
37.5 mm	-	-	-	-	493193	N/A -
40 mm	-	-	-	-	493194	N/A -
45 mm	-	-	-	-	493195	N/A -
50 mm	-	-	-	-	493196	N/A -
53 mm	-	-	-	-	493197	N/A -
56 mm	-	-	-	-	493198	N/A -
63 mm	-	-	-	-	493199	N/A -
71 mm	-	-	-	-	493200	N/A -
75 mm	-	-	-	-	493201	N/A -
80 mm	-	-	-	-	493202	N/A -
90 mm	-	-	-	-	493203	N/A -
100 mm	-	-	-	-	493204	N/A -
106 mm	-	-	-	-	493205	N/A -
112 mm	-	-	-	-	493206	N/A -
125 mm	-	-	-	-	493207	N/A -

Accessories

Description	For sieve Ø 100 mm		For sieve Ø 150 mm		For sieve Ø 200 mm	
	Cat. No.	€	Cat. No.	€	Cat. No.	€
Test sieve lid	493208	N/A -	493213	N/A -	493215	N/A -
Receiver pan	493209	N/A -	493214	N/A -	493216	N/A -
Receiver pan with discharge nozzle and tubing	-	-	-	-	493217	N/A -
Intermediate pan	-	-	-	-	493218	N/A -
Intermediate ring	-	-	-	-	493219	N/A -
PVC sealing ring	493210	N/A -	493221	N/A -	493220	N/A -
Rubber sieve ball diameter 20 mm	493211	N/A -	493211	N/A -	493211	N/A -
Rubber sieve cubes 20 x 20 x 20 mm	493212	N/A -	493212	N/A -	493212	N/A -

All prices are indicative and exclude VAT. Visit www.dulis.nl

FRITSCH stainless steel sieves

- Standard ISO 3310-1
- Bottom and lid to be ordered separately
- In stainless steel

Mesh	Stainless steel sieve 200 x 50 mm	Stainless steel sieve 200 x 25 mm	Stainless steel sieve 203 x 51 mm	Stainless steel sieve 100 x 40 mm	€
63mm*	445137	445255	445373	445491	N/A -
45mm*	445138	445256	445374	445492	N/A -
31.5mm*	445139	445257	445375	445493	N/A -
25 mm	445140	445258	445376	445494	N/A -
22.4mm*	445141	445259	445377	445495	N/A -
20 mm	445142	445260	445378	445496	N/A -
19 mm	445143	445261	445379	445497	N/A -
18 mm	445144	445262	445380	445498	N/A -
16mm*	445145	445263	445381	445499	N/A -
14 mm	445146	445264	445382	445500	N/A -
12.5 mm	445147	445265	445383	445501	N/A -
11.2mm*	445148	445266	445384	445502	N/A -
10 mm	445149	445267	445385	445503	N/A -
9 mm	445150	445268	445386	445504	N/A -
8mm*	445151	445269	445387	445505	N/A -
7.1 mm	445152	445270	445388	445506	N/A -
6.3 mm	445153	445271	445389	445507	N/A -
5.6mm*	445154	445272	445390	445508	N/A -
5 mm	445155	445273	445391	445509	N/A -
4.5 mm	445156	445274	445392	445510	N/A -
4mm*	445157	445275	445393	445511	N/A -
3.55 mm	445158	445276	445394	445512	N/A -
3.15 mm	445159	445277	445395	445513	N/A -
2.8mm*	445160	445278	445396	445514	N/A -
2.5 mm	445161	445279	445397	445515	N/A -
2.24 mm	445162	445280	445398	445516	N/A -
2mm*	445163	445281	445399	445517	N/A -
1.8 mm	445164	445282	445400	445518	N/A -
1.6 mm	445165	445283	445401	445519	N/A -
1.4mm*	445166	445284	445402	445520	N/A -
1.25 mm	445167	445285	445403	445521	N/A -
1.12 mm	445168	445286	445404	445522	N/A -
1mm*	445169	445287	445405	445523	N/A -
900µm	445170	445288	445406	445524	N/A -
850µm	445171	445289	445407	445525	N/A -
800µm	445172	445290	445408	445526	N/A -
710µm*	445173	445291	445409	445527	N/A -

* ISO 565 R20/3

Mesh	Stainless steel sieve 200 x 50 mm	Stainless steel sieve 200 x 25 mm	Stainless steel sieve 203 x 51 mm	Stainless steel sieve 100 x 40 mm	€
630µm	445174	445292	445410	445528	N/A -
600µm	445175	445293	445411	445529	N/A -
560µm	445176	445294	445412	445530	N/A -
500µm*	445177	445295	445413	445531	N/A -
450µm	445178	445296	445414	445532	N/A -
400µm	445179	445297	445415	445533	N/A -
355µm*	445180	445298	445416	445534	N/A -
315µm	445181	445299	445417	445535	N/A -
300µm	445182	445300	445418	445536	N/A -
280µm	445183	445301	445419	445537	N/A -
250µm*	445184	445302	445420	445538	N/A -
224µm	445185	445303	445421	445539	N/A -
212µm	445186	445304	445422	445540	N/A -
200µm	445187	445305	445423	445541	N/A -
180µm*	445188	445306	445424	445542	N/A -
160µm	445189	445307	445425	445543	N/A -
150µm	445190	445308	445426	445544	N/A -
140µm	445191	445309	445427	445545	N/A -
125µm*	445192	445310	445428	445546	N/A -
112µm	445193	445311	445429	445547	N/A -
106µm	445194	445312	445430	445548	N/A -
100µm	445195	445313	445431	445549	N/A -
90µm*	445196	445314	445432	445550	N/A -
80µm	445197	445315	445433	445551	N/A -
75µm	445198	445316	445434	445552	N/A -
71µm	445199	445317	445435	445553	N/A -
63µm*	445200	445318	445436	445554	N/A -
56µm	445201	445319	445437	445555	N/A -
53µm	445202	445320	445438	445556	N/A -
50µm	445203	445321	445439	445557	N/A -
45µm*	445204	445322	445440	445558	N/A -
40µm	445205	445323	445441	445559	N/A -
38µm	445206	445324	445442	445560	N/A -
36µm	445207	445325	445443	445561	N/A -
32µm*	445208	445326	445444	445562	N/A -
25µm*	445209	445327	445445	445563	N/A -
20µm	445210	445328	445446	445564	N/A -

Cat. No.	Description	€
For sieves 200 x 50 mm		
445130	Stainless steel lid	N/A -
445110	Stainless steel sieve pan height 50 mm	N/A -
445108	Stainless steel intermediate pan, height 50 mm	N/A -
For sieves 203 x 51 mm		
445131	Stainless steel lid	N/A -
445111	Stainless steel sieve pan height 51 mm	N/A -
445109	Stainless steel intermediate pan, height 51 mm	N/A -
For sieves 100 x 40 mm		
445132	Stainless steel lid	N/A -
445112	Stainless steel sieve pan height 40 mm	N/A -

Retsch Stainless Steel Sieve

- Standard ISO 3310/1
- Sieve pan and lid to be ordered separately
- In stainless steel

	106 series Stainless steel sieve 100 x 40 mm		131 series Stainless steel sieve 200 x 50 mm	
Mesh	Cat. No.	€	Cat. No.	€
20 µm	950903	N/A -	950805	N/A -
25 µm	950904	N/A -	950806	N/A -
32 µm	950905	N/A -	950807	N/A -
36 µm	950906	N/A -	950808	N/A -
38 µm	950907	N/A -	950809	N/A -
40 µm	950908	N/A -	950810	N/A -
45 µm	950909	N/A -	950804	N/A -
50 µm	950910	N/A -	950811	N/A -
53 µm	950911	N/A -	950812	N/A -
56 µm	950912	N/A -	950813	N/A -
63 µm	950913	N/A -	950814	N/A -
71 µm	950914	N/A -	950815	N/A -
75 µm	950915	N/A -	950816	N/A -
80 µm	950916	N/A -	950817	N/A -
90 µm	950917	N/A -	950818	N/A -
100 µm	950918	N/A -	950819	N/A -
106 µm	950919	N/A -	950820	N/A -
112 µm	950920	N/A -	950821	N/A -
125 µm	950921	N/A -	950822	N/A -
140 µm	950922	N/A -	950823	N/A -
150 µm	950923	N/A -	950824	N/A -
160 µm	950924	N/A -	950825	N/A -
180 µm	950925	N/A -	950826	N/A -
200 µm	950926	N/A -	950827	N/A -
212 µm	950927	N/A -	950828	N/A -
224 µm	950928	N/A -	950829	N/A -
250 µm	950929	N/A -	950830	N/A -
280 µm	950930	N/A -	950831	N/A -
300 µm	950931	N/A -	950832	N/A -
315 µm	950932	N/A -	950833	N/A -
355 µm	950933	N/A -	950834	N/A -
400 µm	950934	N/A -	950835	N/A -
425 µm	950935	N/A -	950836	N/A -
450 µm	950936	N/A -	950837	N/A -
500 µm	950937	N/A -	950838	N/A -
560 µm	950938	N/A -	950839	N/A -
600 µm	950939	N/A -	950840	N/A -
630 µm	950940	N/A -	950841	N/A -
710 µm	950941	N/A -	950842	N/A -
800 µm	950942	N/A -	950843	N/A -
850 µm	950943	N/A -	950844	N/A -
900 µm	950944	N/A -	950845	N/A -
1 mm	950945	N/A -	950846	N/A -
1.12 mm	950946	N/A -	950847	N/A -
1.18 mm	950947	N/A -	950848	N/A -
1.25 mm	950948	N/A -	950849	N/A -
1.4 mm	950949	N/A -	950850	N/A -
1.6 mm	950950	N/A -	950851	N/A -
1.7 mm	950951	N/A -	950852	N/A -
1.8 mm	950952	N/A -	950853	N/A -
2 mm	950953	N/A -	950854	N/A -
2.24 mm	950954	N/A -	950855	N/A -
2.36 mm	950955	N/A -	950856	N/A -
2.5 mm	950956	N/A -	950857	N/A -
2.8 mm	950957	N/A -	950858	N/A -
3.15 mm	950958	N/A -	950859	N/A -
3.35 mm	950959	N/A -	950860	N/A -
3.55 mm	950960	N/A -	950861	N/A -
4 mm	950961	N/A -	950862	N/A -
4.5 mm	950962	N/A -	950863	N/A -
4.75 mm	950963	N/A -	950864	N/A -
5 mm	950964	N/A -	950865	N/A -
5.6 mm	950965	N/A -	950866	N/A -



	106 series Stainless steel sieve 100 x 40 mm		131 series Stainless steel sieve 200 x 50 mm	
Mesh	Cat. No.	€	Cat. No.	€
6.3 mm	950966	N/A -	950867	N/A -
6.7 mm	950967	N/A -	950868	N/A -
7.1 mm	950968	N/A -	950869	N/A -
8 mm	950969	N/A -	950870	N/A -
9 mm	950970	N/A -	950871	N/A -
9.5 mm	950971	N/A -	950872	N/A -
10 mm	950972	N/A -	950873	N/A -
11.2 mm	950973	N/A -	950874	N/A -
12.5 mm	950974	N/A -	950875	N/A -
13.2 mm	950975	N/A -	950876	N/A -
14 mm	950976	N/A -	950877	N/A -
16 mm	950977	N/A -	950878	N/A -
18 mm	950978	N/A -	950879	N/A -
19 mm	950979	N/A -	950880	N/A -
20 mm	950980	N/A -	950881	N/A -
22.4 mm	950981	N/A -	950882	N/A -
25 mm	950982	N/A -	950883	N/A -
26.5 mm	950983	N/A -	950884	N/A -
28 mm	950984	N/A -	950885	N/A -
31.5 mm	950985	N/A -	950886	N/A -
35.5 mm	950986	N/A -	950887	N/A -
37.5 mm	950987	N/A -	950888	N/A -
40 mm	950988	N/A -	950889	N/A -
45 mm	950989	N/A -	950890	N/A -

Accessories

Cat. No.	Description	€
For sieves 100 x 40 mm		
951083	Stainless steel sieve pan	N/A -
951084	Intermediate ring	N/A -
951085	Stainless steel sieve lid	N/A -
951086	Stainless steel sieve pan with outlet	N/A -
951087	Intermediate ring seal	N/A -
For sieves 200 x 50 mm		
951075	Stainless steel sieve pan	N/A -
951076	Intermediate pan	N/A -
951077	Intermediate ring	N/A -
951078	Stainless steel sieve lid	N/A -
951079	Intermediate ring seal	N/A -
For sieves 200 x 25 mm		
951080	Stainless steel sieve pan	N/A -
951081	Intermediate pan	N/A -
951082	Intermediate ring	N/A -

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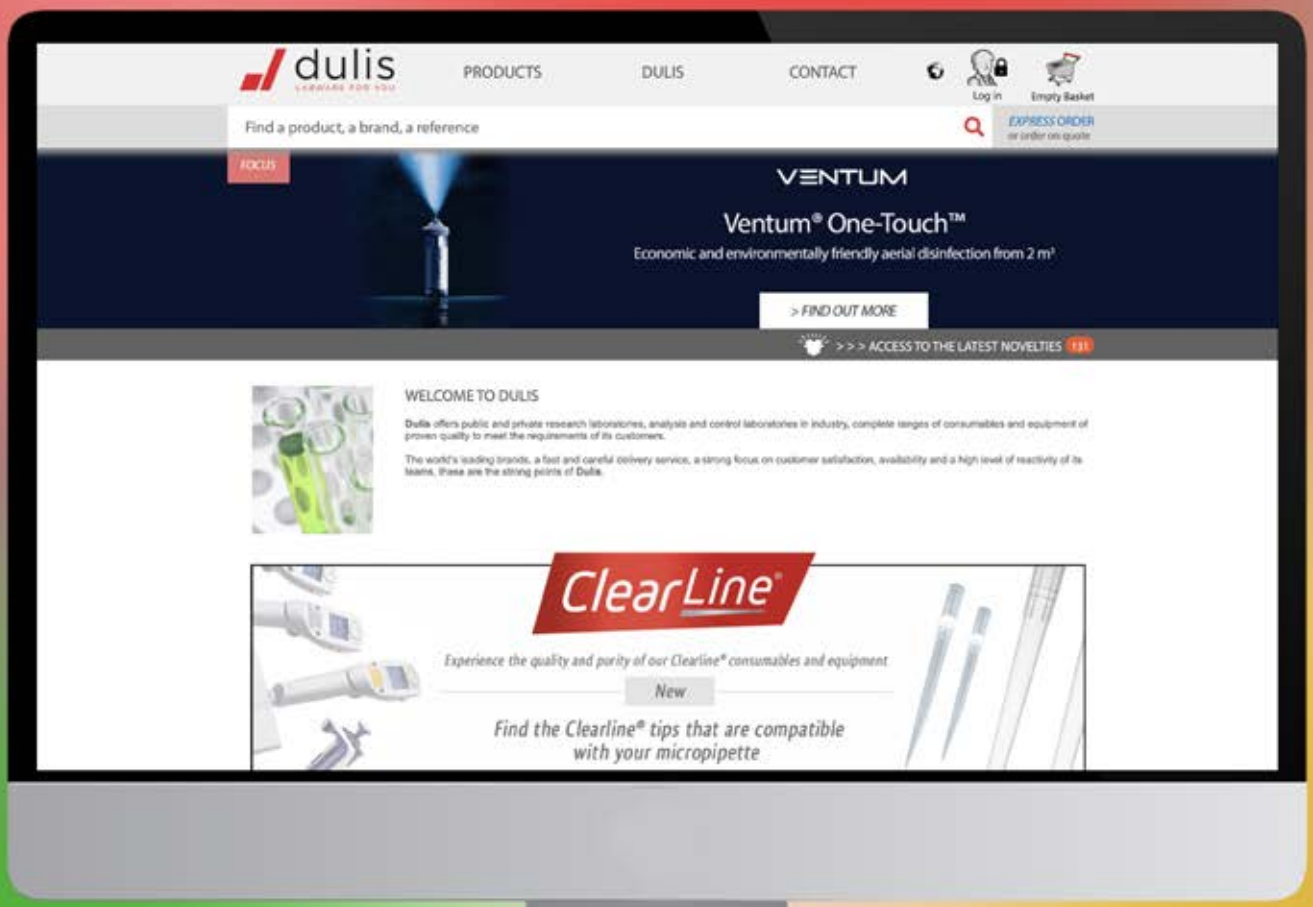
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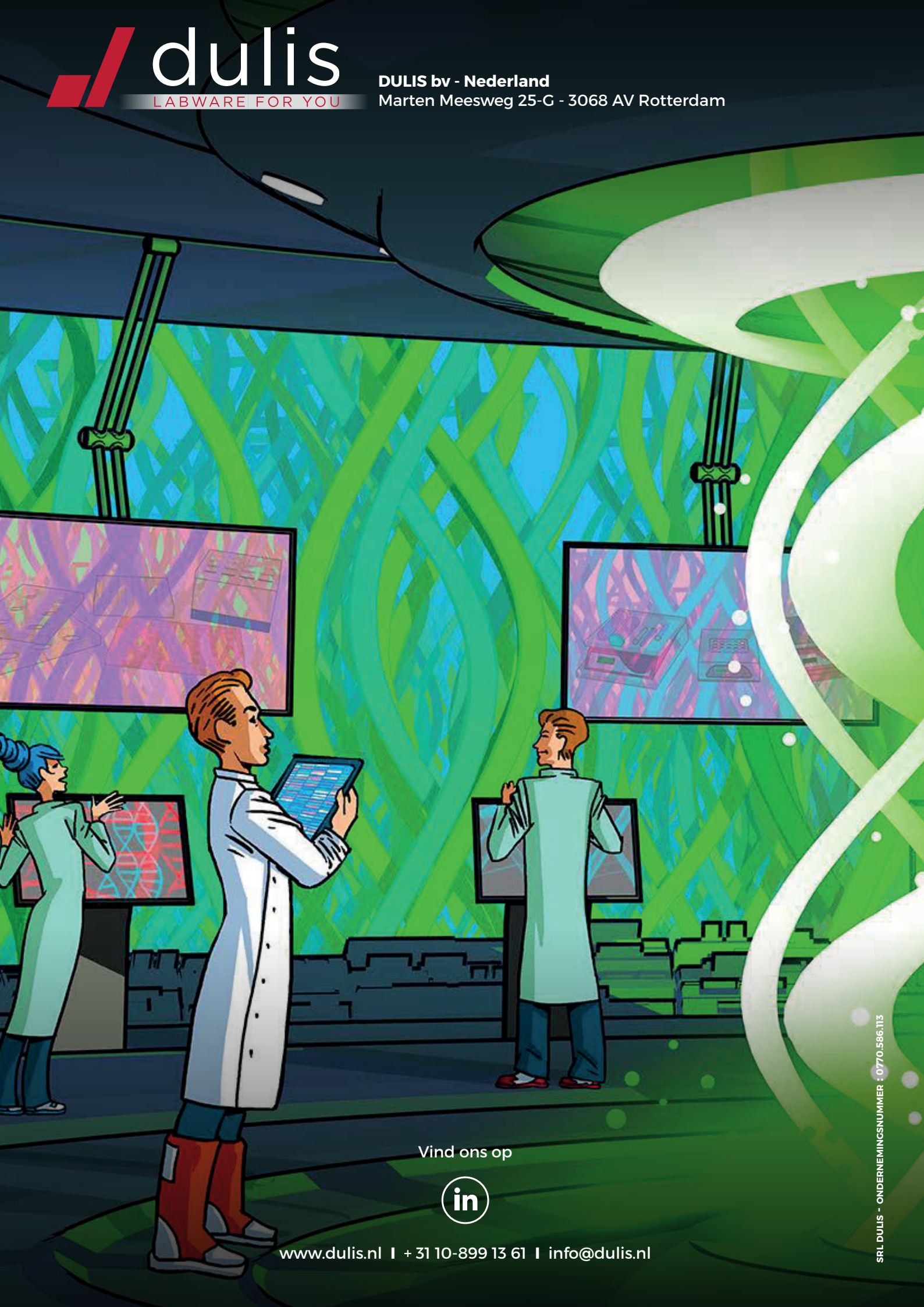
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