



30 ml universal polypropylene containers (25 x 90 mm)

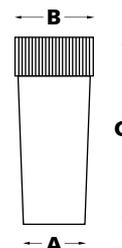
CE (IVD)

Made in Polypropylene. 30 ml containers. These containers are manufactured with an innovative process resulting in one of the most resistant containers available on the market. The screw closure can assure an almost leakproof closing system. Polypropylene cap in white colour, except **409602** (blue). Other colours and labeled models can be supplied (ask for quantities).

Autoclavable (except the code **409602**, the polystyrene spatula must be removed before autoclaving).

| mod. | code | description | sterile | case quantity | case weight | case volume | cases pallet |
|------|-----------------|------------------------------------|----------------|---------------|-------------|-------------|--------------|
| 1 | 409202 | polypropylene | no | 400 | 4.90 | 0.046 | 32 |
| 2 | 409222 | polypropylene individually wrapped | no | 400 | 5.10 | 0.046 | 32 |
| 2 | 409222.O | polypropylene individually wrapped | ETHYLENE-OXIDE | 400 | 5.10 | 0.046 | 32 |
| 3 | 409602 | polypropylene with PS spoon | no | 400 | 5.30 | 0.046 | 32 |

Dimensions:
A: 24.8 mm; B: 30.8 mm; C: 91.6 mm. Maximum volume: 31.1 ml. Recommended volume: 25 ml.
Withstand centrifugation up to: 10.000 xg.



30 ml container with boric acid (25 x 90 mm)

This container includes a boric acid preservative which allows the storage and transport of the urine sample to the laboratory.

The boric acid supports the viability of the bacteria while preventing further multiplication. This preservative does not alter the characteristics of the urine and will not affect analysis. The bacteria remain viable for 24-48 hours or more, depending on the type of microorganisms.

Boric acid quantity: 0.4 gr.

Sterile by ethylene oxide.

| code | description | case quantity | case weight | case volume | cases pallet |
|-----------------|-------------------------------|---------------|-------------|-------------|--------------|
| 409202.B | polypropylene with boric acid | 400 | 5.70 | 0.046 | 32 |

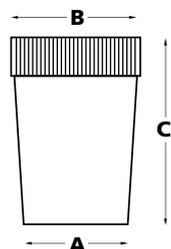


50 ml containers (38 x 70 mm)

CE (IVD)

With polyethylene caps. Volume: 50 ml.

| code | description | case quantity | case weight | case volume | cases pallet |
|--------|--|---------------|-------------|-------------|--------------|
| 409802 | ultra clear polypropylene | 700 | 9.30 | 0.096 | 16 |
| 409852 | ultra clear polypropylene with PS spoon | 700 | 9.30 | 0.096 | 16 |
| 409826 | ultra clear polypropylene individually wrapped | 600 | 8.40 | 0.096 | 16 |



Dimensions:

A: 35.1 mm; B: 41.5 mm; C: 72.3 mm.
Maximum volume: 56 ml.
Recommended volume: 45 ml.

40 ml containers (30 x 70 mm)

CE (IVD)

With polyethylene caps. Graduated.
Volume 40 ml.

| code | description | case quantity | case weight | case volume | cases pallet |
|--------|---|---------------|-------------|-------------|--------------|
| 409402 | ultra clear polypropylene | 8 x 100 | 8.35 | 0.096 | 16 |
| 409426 | ultra clear polypropylene, individually wrapped | 800 | 10.50 | 0.110 | 16 |
| 309402 | polystyrene | 8 x 100 | 11.00 | 0.096 | 16 |

Dimensions:

A: 29.1 mm; B: 35.7 mm; C: 69.8 mm.
Maximum volume: 39 mm.
Recommended volume: 30 ml.





50 ml tamper evident containers (38 x70 mm)

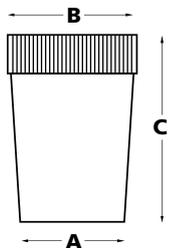
CE (IVD)

Ultra clear polypropylene containers with a specially designed tamper evident ring. Polyethylene caps. Standard colour of caps: red. Volume: 50 ml.

| code | description | case quantity | case weight | case volume | cases pallet |
|--------|--|---------------|-------------|-------------|--------------|
| 419802 | ultra clear polypropylene | 700 | 9.30 | 0.096 | 16 |
| 419826 | ultra clear polypropylene individually wrapped | 600 | 8.40 | 0.096 | 16 |

Containers are supplied capped but not fully locked so that the container is not fully sealed.

Once samples (urine, milk, water, etc.) are collected, screw the cap in a normal way and then screw again to fully position the tamper evident ring.



Dimensions:

A: 35.1 mm; B: 41.5 mm; C: 72.3 mm.

Maximum volume: 56 ml.

Recommended volume: 45 ml.





60 ml polystyrene containers (38 x 65 mm)

CE (IVD)

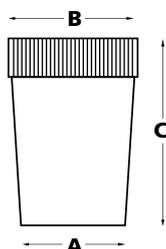
New generation of 60 ml containers with high safety closure biflex caps.
Caps made of polyethylene.
Standard colour of the cap: red.

| mod. | code | description | sterile | case quantity | case weight | case volume | cases pallet |
|------|--------|----------------------------------|-----------|---------------|-------------|-------------|--------------|
| 1 | 309502 | polystyrene | aseptic | 600 | 9.10 | 0.082 | 20 |
| 2 | 309552 | polystyrene with spoon | no | 600 | 8.20 | 0.096 | 16 |
| 3 | 309526 | polystyrene individually wrapped | STERILE A | 750 | 11.55 | 0.140 | 12 |

Dimensions:

A: 39.3 mm; B: 44.2 mm; C: 66.0 mm.
Maximum volume: 63 ml. Recommended volume: 50 ml.

We can supply these containers labeled. Please ask quantities.
We can supply these containers sterilised by radiation.



Racks for containers up to 47 mm Ø

Stainless steel. 50 mm square holes. With a strong woven mesh base.

| code | dimensions mm | distribution | quantity | weight | volume |
|-------|----------------|--------------|----------|--------|--------|
| I-240 | 315 x 210 x 45 | 24 (6 x 4) | 1 | 0.320 | 0.0042 |
| I-250 | 210 x 160 x 45 | 12 (4 x 3) | 1 | 0.228 | 0.0022 |

Wide range of racks and baskets, see chapter 9.



See metal racks in
Chapter 9. **Sample Storage**





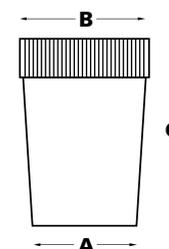
60 ml polypropylene containers (38 x 65 mm)

CE (IVD)

New generation of 60 ml sterile containers with high safety closure biflex caps. Specially designed for pneumatic transport of specimens. Caps made of polyethylene. Standard colour of the cap: red.

| mod. | code | description | sterile | case quantity | case weight | case volume | cases pallet |
|------|----------|--|----------------|---------------|-------------|-------------|--------------|
| 1 | 409501 | polypropylene labelled | aseptic | 600 | 8.20 | 0.096 | 16 |
| 2 | 409502 | polypropylene | aseptic | 600 | 8.00 | 0.096 | 16 |
| 3 | 409552 | polypropylene with spoon | aseptic | 600 | 8.00 | 0.096 | 16 |
| 4 | 409526 | polypropylene individually wrapped | STERILE A | 750 | 10.30 | 0.140 | 12 |
| - | 409526.O | polypropylene individually wrapped | ETHYLENE-OXIDE | 750 | 10.30 | 0.140 | 12 |
| 5 | 409526.1 | polypropylene individually wrapped, labelled | STERILE A | 750 | 10.45 | 0.140 | 12 |

Dimensions: A: 38.8 mm; B: 44.2 mm; C: 66.1 mm. Maximum volume: 62 ml. Recommended volume: 50 ml.



Graduated 60 ml containers 38 x 65 mm

CE (IVD)

Made of transparent polypropylene. Moulded graduation in 5 ml increments. Red polyethylene cap, biflex. For other cap colours ask the minimum order quantities. Ideal for pneumatic transport because it has a watertight closing system. Supplied capped.

| code | description | sterile | case quantity | case weight | case volume | cases pallet |
|---------|-------------------------------------|-----------|---------------|-------------|-------------|--------------|
| 409502G | polypropylene | aseptic | 600 | 8.00 | 0.096 | 16 |
| 409526G | polypropylene, individually wrapped | STERILE A | 750 | 10.30 | 0.140 | 12 |

Dimensions:

A: 38.8 mm; B: 44.2 mm; C: 66.1 mm. Maximum volume: 62 ml. Recommended volume: 50 ml.

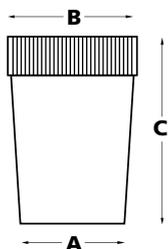


150 ml containers (57 x 73 mm) with spoon

CE (IVD)

Ultra clear polypropylene containers with polyethylene leak proof screw caps. Spoon made of Polystyrene. Graduated in 100 ml increments. Frosted panel on side for easy writing. Standard colour of the cap: red.

| mod. | code | description | sterile | case quantity | case weight | case volume | cases pallet |
|------|----------|--|------------------|---------------|-------------|-------------|--------------|
| 1 | 409752 | polypropylene with PS spoon | aseptic | 450 | 7.95 | 0.140 | 16 |
| 2 | 409756 | polypropylene individually wrapped with PS spoon | aseptic | 350 | 6.50 | 0.140 | 16 |
| 2 | 409756.B | polypropylene individually wrapped with PS spoon | RADIATION | 350 | 6.50 | 0.140 | 16 |



Dimensions:

A: 56.3 mm; B: 62.1 mm; C: 74.3 mm.
 Maximum volume: 150 ml.
 Recommended volume: 125 ml.
 These containers can be supplied sterilized by radiation.

150 ml screw cap containers (58 x 69 mm)

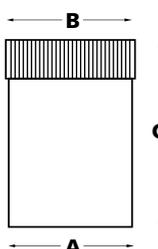
Manufactured in polystyrene or polypropylene depending on the model. Cap manufactured in polyethylene.

Total volume 150 ml.

Code **309752** is supplied with a polystyrene spoon inside.

Code **409700** is sterile by radiation.

| mod. | code | description | sterile | case quantity | case weight | case volume |
|------|--------|---------------------------------|------------------|---------------|-------------|-------------|
| 1 | 309752 | polystyrene white cap and spoon | no | 360 | 13.45 | 0.106 |
| 2 | 409700 | polypropylene red cap | RADIATION | 360 | 11.58 | 0.106 |



Dimensions:

A: 58 mm; B: 62 mm; C: 69 mm.





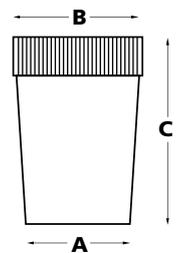
150 ml containers (57 x 73 mm)

CE (IVD)

Ultra clear polypropylene containers with polyethylene leak proof screw caps.
Moulded graduation in 20 ml increments up to 100 ml. Frosted panel on side for easy writing.
Standard colour of the cap: red.

| mod. | code | description | sterile | case quantity | case weight | case volume | cases pallet |
|------|----------|------------------------------------|-----------|---------------|-------------|-------------|--------------|
| 1 | 409701 | polypropylene labelled | aseptic | 450 | 7.95 | 0.140 | 16 |
| 2 | 409702 | polypropylene | aseptic | 450 | 7.80 | 0.140 | 16 |
| 3 | 409726 | polypropylene individually wrapped | STERILE A | 350 | 6.50 | 0.140 | 16 |
| - | 409726.G | polypropylene individually wrapped | RADIATION | 400 | 7.60 | 0.140 | 16 |

Dimensions:
A: 56,3 mm; B: 62,1 mm; C: 74,3 mm.
Maximum volume: 150 ml.
Recommended volume: 125 ml.



150 ml containers uncapped (57 x 73 mm) CE (IVD)

With the same characteristics as the previous model, but these containers are supplied uncapped.
Containers and caps are supplied in the same box.

| code | description | case quantity | case weight | case volume | cases pallet |
|--------|------------------------|---------------|-------------|-------------|--------------|
| 409703 | polypropylene uncapped | 620 | 10.50 | 0.082 | 20 |

Blue containers (60 and 150 ml)

CE (IVD)

With the same characteristics as codes **409702** (p. 153) and **409502** (p. 151) but in blue colour (containers and cap). Ideal for photosensitive samples or when it is required not to show the content. Ask for other labeling or for not labeled containers to our commercial department.

Minimum order quantity: 30,000 units.

Minimum order quantity: 1 pallet = 12,000 units (code **409511**) and 7,600 units (code **409711**).

| code | description | case quantity | case weight | case volume | cases pallet |
|---------------|---------------------------------|---------------|-------------|-------------|--------------|
| 409511 | 60 ml container white label | 600 | 8.20 | 0.096 | 16 |
| 409711 | 150 ml container white label | 450 | 7.95 | 0.140 | 16 |



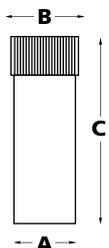
200 ml graduated container (57 x 116 mm) CE (IVD)

Containers made of ultra clear polypropylene and caps made of polyethylene. Those containers have double moulded-in graduations, (in 20 ml increments up to 200 ml and in 1 oz increments up to 7 oz), and feature a frosted panel on their side for easy writing. Standard colour of caps: red.

| code | max. capacity | case quantity | case weight | case volume | cases pallet |
|---------------|---------------|---------------|-------------|-------------|--------------|
| 409902 | 240 ml | 275 | 7.10 | 0.140 | 16 |

Dimensions:

A: 56.5 mm; B: 62.2 mm; C: 115.5 mm;
Maximum volume: 240 ml;
Recommended volume: 210 ml.



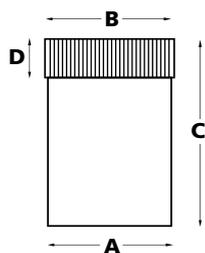
200 ml screw cap container (58 x 95 mm)

Manufactured in polystyrene, cap made of white polyethylene.
Total volume: 220 ml.

| code | max. capacity | case quantity | case weight | case volume | cases pallet |
|---------------|---------------|---------------|-------------|-------------|--------------|
| 309903 | 220 ml | 300 | 9.6 | 0.090 | 16 |

Dimensions:

A: 58 mm; B: 62 mm; C: 95 mm; D: 22 mm.



Urine collection system designed to save space in the lab, and to be used when urine samples need to be collected into tubes for a subsequent centrifugation. Designed to be user friendly.

The patient urinates in the 150 ml plastic cup and then pours the urine into the tube. Once the tube is filled up, the patient caps it and delivers the sample to the lab, where the health assistant will fill in the label with the required data. The patient just has to follow the hospital or laboratory instructions. **Manufactured under aseptic conditions.** There are several versions and custom-designed versions can be manufactured. Bad printed with batch number and expiry date.



Easy pouring



We can manufacture sets with boric acid.



New bag with instructions.



| mod. | code | bag | cup 150 ml | tube | cap | capped | cap colour | label 25 x 35 mm | labelled | case quantity | case weight | case volume |
|------|-----------|-----|---------------|--------|--------|--------|---------------|---------------------|----------|------------------|----------------|----------------|
| 1 | 309324.E3 | ✓ | ✓ | 400705 | 308102 | ✗ | natural | ✓ | ✗ | 300 | 4.50 | 0.140 |
| 2 | 309316.E | ✓ | ✓ | 400705 | 308107 | ✗ | green | ✓ | ✗ | 300 | 4.50 | 0.140 |
| 3 | 309316 | ✓ | ✓ | 400705 | 308107 | ✓ | green | ✓ | ✓ | 300 | 4.50 | 0.140 |
| 4 | 309324.E | ✓ | ✓ | 401204 | 308202 | ✗ | natural | ✓ | ✗ | 300 | 4.70 | 0.140 |
| 5 | 309324 | ✓ | ✓ | 401204 | 308207 | ✓ | green | ✓ | ✓ | 300 | 4.70 | 0.140 |
| 6 | 309318 | ✓ | ✓ | 301212 | 306601 | ✓ | yellow | ✓ | ✓ | 300 | 4.70 | 0.140 |



Disposable cups

Disposable sample cups, for general sample collection.

Cups are supplied stacked.

| code | volume ml | material | mouth Ø x height | case quantity | case weight | case volume |
|--------|--------------|---------------|---------------------|------------------|----------------|----------------|
| 202248 | 100 | polypropylene | 57.5 x 62 | 50 x 100 | 7.40 | 0.080 |
| 202317 | 150 | polystyrene | 70 x 70 | 30 x 100 | 8.32 | 0.080 |



Containers and tubes for vacuum system

CE (IVD)

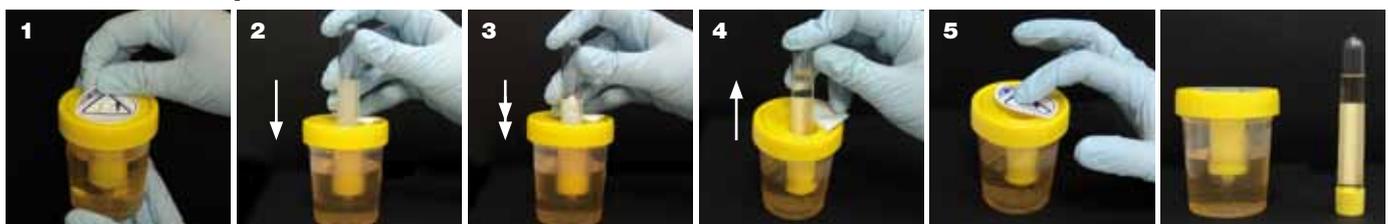
120 ml containers designed to use with vacuum tubes. It allows a clean transfer of the urine from the container to the vacuum tube. Manufactured in transparent Polypropylene. Leakproof cap made of yellow polyethylene, with an internal obturating ring. It includes a cannula with a needle inside protected by a rubber cap and a plastic suction nozzle. The cap features a label that seals the cannula in order to prevent contact with the collection needle. The container features a wide marking area for sample identification and a graduation that helps to quantify the sample when uncapped. Once capped, the graduation is inaccurate as the volume is altered by the cannula. Maximum volume with cap: 120 ml, recommended volume: 60 ml.

Tubes in PET produced with the inner cap in caoutchouc and outer cap in yellow polyethylene. Incorporate label for sample identification, with white background and a transverse line in yellow to easily see that it is a tube for urine. Printed with the lot, expiration date, CE mark, volume of suction, manufacturer, and only one use symbol.

Label dimensions: 36 x 20 mm. Supplied in foam racks of 100 units, shrink-wrapped and labeled.

| code | presentation | sterile | case quantity | case weight | case volume | cases pallet |
|--|-----------------------------------|-----------|---------------|-------------|-------------|--------------|
| Container (dimensions: 57x73 mm) | | | | | | |
| 408702 | in bulk | no | 475 | 9.60 | 0.14 | 16 |
| 408726 | individually wrapped | no | 350 | 7.50 | 0.14 | 16 |
| 408702.G | in bulk | RADIATION | 250 | 5.05 | 0.08 | 24 |
| 408726.G | individually wrapped | RADIATION | 350 | 7.50 | 0.14 | 16 |
| Vacuum tube (dimensions: 16x100 mm) | | | | | | |
| 408900 | vacuum tube, 9 ml | RADIATION | 10 x 100 | 12.60 | 0.062 | 10 |
| 408910 | vacuum tube, 9 ml with boric acid | RADIATION | 10 x 100 | 13.70 | 0.062 | 10 |
| KIT container and vacuum tube | | | | | | |
| 408720 | KIT 408702.G + 408900 | | 250 | 3.90 | 0.10 | 20 |
| 408721 | KIT 408702.G + 408910 | | 250 | 4.10 | 0.11 | 20 |

Process of sample transfer:



1. Remove the cap label.
2. Place evacuated tube into cavity on cap, stopper down.
3. Advance the tube over puncture point to pierce stopper. The urine tube will be filled. Repeat if another tube is to be collected.
4. Hold tube in position until filled and remove tube from device.
5. Replace label over hole and reseal.

This is a completely hygienic and safe system.
It prevents sample loss and avoid the contamination of the sample, the user or the work environment.



Rectangular graduated until 3 litres container with handle

Product designed for collection of 24 hours urine samples.
Container and cap made of polyethylene.

Brown opaque body and cap depending on the model:

- **408600** Yellow cap with vacuum system
- **408610** Standard white cap

Both are completely leakproof thanks to its sealing ring and ensure a total sealing of the sample.

The vacuum system ensures a clean transfer of the urine from the container to the vacuum tube and prevents the risk of cross contamination in the handling of the sample. It also avoids sample loss by splashing or outpouring.

The container has a handle with ergonomic empty space to facilitate a much more comfortable dump and the manual transport of the sample. It incorporates a translucent vertical stripe on one side where the graduation allows the control of the level of sample containing. Graduated each 100 ml, to 3,000 ml.

Total capacity: 3.3 l.

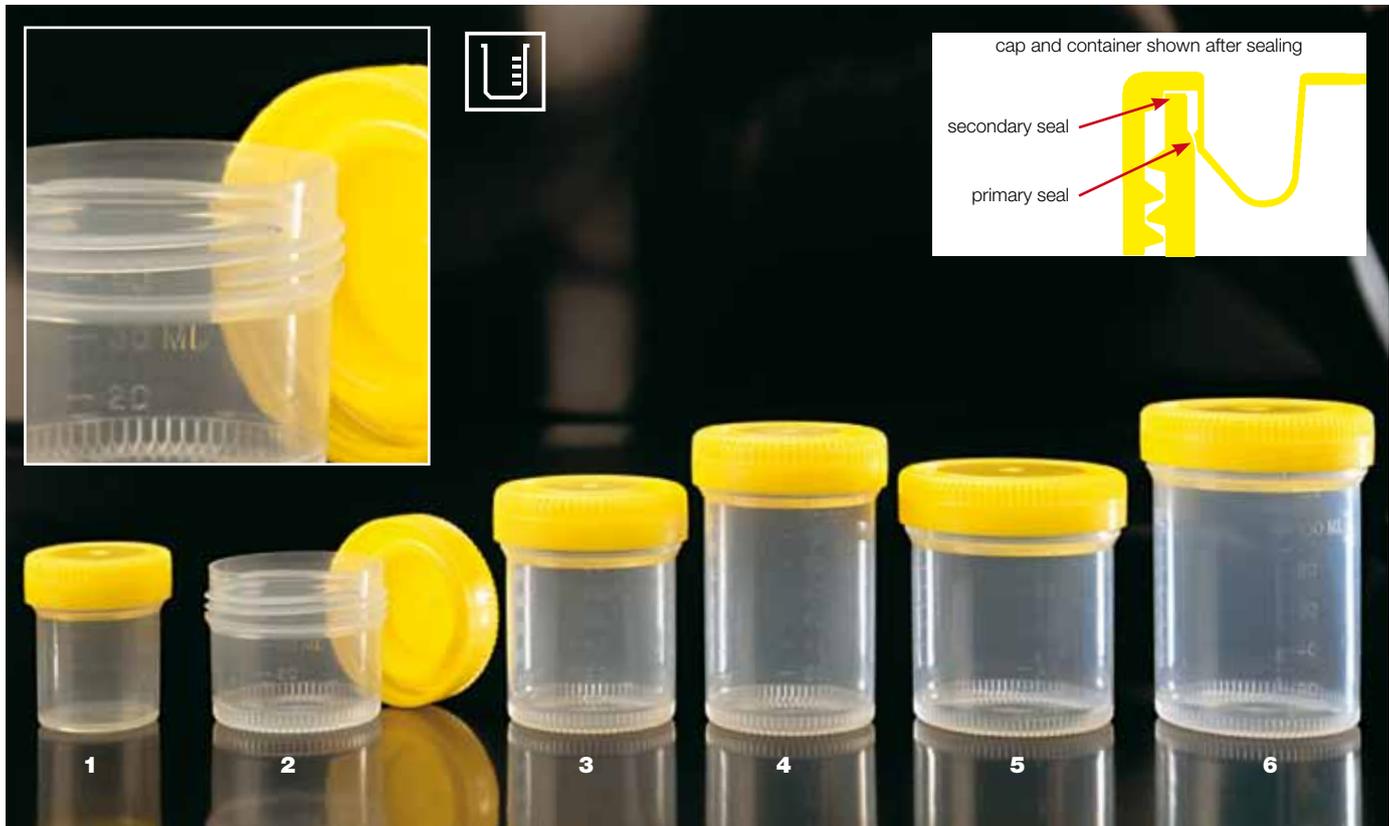
Unit weight (without cap): 115 g (\pm 3 g).

Cap weight (vacuum system): 8.2 g (\pm 0.2 g).

Cap weight (standard system): 5.5 g (\pm 0.2 g).

| | code | presentation | sterile | case quantity | case weight | case volume | cases pallet |
|--|----------------|--|---------|---------------|-------------|-------------|--------------|
| | 408600* | 3 l rectangular container with vacuum system | no | 30 | 4.10 | 0.15 | 12 |
| | 408610 | standard 3 l rectangular container | no | 30 | 3.90 | 0.15 | 12 |

*Suitable with vacuum tubes **408900** and **408910**.



Security screw cap containers

CE (IVD)

Ultra clear polypropylene containers with yellow polyethylene cap. They have moulded graduations in ml.

Supplied uncapped with the caps and containers in the same box.

Ideal for the pneumatic transport of liquid samples, including those that have formaline, because they have a watertight closure. The cap, with an innovative inner shape, has a double closure. (see the figure).

The base and the cap are ribbed so the handling with gloves is comfortable and reliable.

There is a ring in the upper part of the body, in order to avoid the dripping in case of liquid decanting.

For other cap colours (blue, orange, magenta), ask for the minimum order quantities.

Certified as suitable for Formalin biopsies

| mod. | code | grad. volume ml | total volume ml | mouth Ø mm | height mm | case quantity | case weight | case volume |
|------|---------------|-----------------|-----------------|------------|-----------|---------------|-------------|-------------|
| 1 | 202840 | 20 | 26 | 34 | 43 | 1,000 | 8.84 | 0.090 |
| 2 | 202841 | 40 | 50 | 45 | 43 | 600 | 8.75 | 0.094 |
| 3 | 202842 | 60 | 76 | 45 | 60 | 500 | 8.20 | 0.110 |
| 4 | 202843 | 80 | 92 | 45 | 75 | 400 | 7.46 | 0.104 |
| 5 | 202848 | 90 | 108 | 53 | 68 | 300 | 6.35 | 0.102 |
| 6 | 202844 | 120 | 146 | 53 | 78 | 300 | 6.66 | 0.109 |

EUROTUBO® Leak proof screw cap containers

CE (IVD)

Specially designed for histology, they are provided with double internal security closure. Manufactured in translucent polypropylene with polyethylene ribbed yellow cap. They have moulded graduations.

Their leakproof closure makes them ideal for liquid or solid sample storage.

They meet the standard UNE-EN 14401:2005 Rigid plastic containers. Methods to test the effectiveness of closures.

Supplied uncapped.



Find more information about this product in page 87





Cylindrical container graduated up to 2 litres with handle

CE (IVD)

High density polyethylene container and cap. Ideal for 24 hour urine collection and any other liquid samples.

We recommend references with white and ribbed cap, that features a pharmaceutical grade liner, **which eliminates the need for an insert plug**, allows a better handling and provides a watertight seal.

Containers are graduated in 50 ml increments up to 2 l. Include a convenient handle for an easy single-handed use.

Base diameter: 108 mm.

Height, cap included: 290 mm.

Cases per pallet: 16.

Codes **408001.1** and **408001.O** are individually wrapped by retractile system.

Ask for other versions cap colours, capped containers and sterile containers.

| code | body colour | cap description | presentation | individually wrapped | sterile | internal mouth Ø mm | case quantity | case weight | case volume |
|------------------|-------------|-------------------|--------------|----------------------|------------------|---------------------|---------------|-------------|-------------|
| 408001 | natural | white, with liner | unscrewed | no | no | 65 | 34 | 7.00 | 0.140 |
| 408001.O | natural | white, with liner | screwed | yes | RADIATION | 65 | 34 | 7.00 | 0.140 |
| 408001-86 | natural | black + plug | unscrewed | no | no | 86 | 33 | 7.00 | 0.140 |
| 408001OBT | natural | black + plug | unscrewed | no | no | 66.5 | 33 | 4.25 | 0.140 |
| 408001O/T | natural | black + plug | screwed | no | no | 66.5 | 33 | 4.59 | 0.140 |
| 408001.1 | natural | white, with liner | screwed | yes | no | 65 | 34 | 7.00 | 0.140 |



Rectangular containers, graduated up to 2 litres

CE (IVD)

Containers and caps made of high density polyethylene.

Ideal for 24 hour urine collection and other liquid samples.

Containers are in translucent colours and moulded graduation in 50 ml increments up to 2 l.

Ergonomically designed for single-handed use with a lateral tap of 66 mm length Height, cap included: 253 mm.

Base: 84 x 125 mm.

Cases per pallet: 16.

Models with white cap, have pharmaceutical grade liner, which **eliminates the need of a plug**, allows a better handling and provides a leakproof closure.

Individually wrapped models are supplied capped.

Ask for other versions: colour (both, cap or body), and sterile containers.

| code | body colour | cap description | presentation | individually wrapped | sterile | internal mouth Ø mm | case quantity | case weight | case volume |
|-----------|-------------|-------------------|--------------|----------------------|-----------|---------------------|---------------|-------------|-------------|
| 407001 | natural | white, with liner | unscrewed | no | no | 67.8 | 43 | 6.00 | 0.140 |
| 407001/T | natural | white, with liner | screwed | no | no | 67.8 | 43 | 6.00 | 0.140 |
| 407008 | natural | white, with liner | screwed | yes | no | 67.8 | 43 | 6.40 | 0.140 |
| 407008.O | natural | white, with liner | screwed | yes | RADIATION | 67.8 | 43 | 6.40 | 0.140 |
| 407001OBT | natural | black + plug | unscrewed | no | no | 67.8 | 41 | 6.50 | 0.140 |
| 407008OBT | natural | black + plug | screwed | yes | no | 67.8 | 41 | 6.40 | 0.140 |
| 407003 | brown | white, with liner | unscrewed | no | no | 67.8 | 43 | 6.00 | 0.140 |



Squared containers, graduated up to 2.7 l

CE (IVD)

High density polyethylene container and cap. Ideal for 24 hour urine collection and other liquid samples.

The ribbed cap features a pharmaceutical grade liner, which **eliminates the need for an insert plug**, allows a better handling and provides a watertight seal.

Containers are graduated in 50 ml increments up to 2.7 l.

Ergonomically designed for single-handed use. Stackable.

A ring on the neck of the containers avoids dripping when pouring.

Length x width: 130 x 126 mm (±1 mm).

Height, cap excluded: 249 mm (±1 mm).

Individually wrapped models are supplied capped.

Cases per pallet: 12.

| code | body colour | cap description | presentation | individually wrapped | sterile | internal mouth Ø mm | case quantity | case weight | case volume |
|----------|-------------|-------------------|--------------|----------------------|------------------|---------------------|---------------|-------------|-------------|
| 407005 | natural | white, with liner | unscrewed | no | no | 64 | 34 | 5.70 | 0.152 |
| 407005/T | natural | white, with liner | screwed | no | no | 64 | 34 | 5.50 | 0.146 |
| 407005.O | natural | white, with liner | screwed | yes | RADIATION | 64 | 34 | 5.70 | 0.152 |
| 407006 | brown | white, with liner | unscrewed | no | no | 64 | 34 | 5.70 | 0.152 |
| 407006/T | brown | white, with liner | screwed | no | no | 64 | 34 | 5.70 | 0.152 |



Security screw cap containers

CE (IVD)

Natural colour high density polyethylene containers. Capacities: 30, 60 and 125 ml. Ideal for liquids.

60 and 125 ml containers: Bottles with screw cap, leakproof closure with child-proof system and split seal.

The cap is compound by two pieces that turn around themselves avoiding the cap to be opened, working as a security closure avoiding the accidental manipulation. To open the cap push it down following the figure on the cap. The sealed caps need to be unscrewed to break the seal, showing that it has not been manipulated. 30 ml container **444603202** has a security seal, not the child-proof system closure.

Pallet cases quantity: 16.

| code | cap colour | body colour | height mm | Ø base mm | body weight g | case quantity | case weight | case volume |
|---|------------|-------------|-----------|-----------|---------------|---------------|-------------|-------------|
| 1. Capacity: 30 ml. Ø Pilfer mouth 25, security closure tamper evident | | | | | | | | |
| 444603202 | white | natural | 69.0 | 31.0 | 6.2 | 1,100 | 11.32 | 0.103 |
| 1. Capacity: 30 ml. Ø Pilfer mouth 25, security closure childproof system | | | | | | | | |
| 444603204 | white | white | 60.5 | 35.6 | 7.0 | 600 | 10.00 | 0.078 |
| 2. Capacity: 60 ml. Ø Pilfer mouth 28, security closure childproof system | | | | | | | | |
| 444603300 | white | natural | 93.7 | 37.6 | 9.5 | 600 | 8.00 | 0.110 |
| 444602903 | white | white | 93.7 | 37.6 | 9.5 | 600 | 8.00 | 0.110 |
| 444602901 | blue | natural | 87.5 | 37.6 | 9.5 | 600 | 7.50 | 0.110 |
| 444602801 | blue | white | 87.5 | 37.6 | 9.5 | 600 | 7.50 | 0.110 |
| 3. Capacity: 125 ml. Ø Pilfer mouth 28, security closure childproof system | | | | | | | | |
| 444603402 | white | natural | 114.8 | 48.0 | 13.6 | 300 | 5.15 | 0.110 |

We can supply other colours if required.

25 ml cups

Ultra clear polypropylene cup with cover in natural polyethylene, graduated up to 25 ml.

Dimensions: Ø mouth: 35 mm, Ø base: 27 mm, height 40 mm.

The cups are supplied bagged in stacks of 100 units.

| code | description | case quantity | case weight | case volume |
|----------|--------------------------|---------------|-------------|-------------|
| 430130 | standard graduated cup | 60 x 100 | 8.60 | 0.065 |
| 430130.1 | reinforced graduated cup | 60 x 100 | 8.60 | 0.065 |
| 430100.1 | push cover | 8 x 600 | 4.90 | 0.034 |



See chapter 9. **Sample storage**





Hinged lid container

Specially designed for **milk, wine and agroalimentary oil**, although it is also suitable for other liquid or solid samples.

Recommended for its use with **FOSS® and DELTA® analytical systems**, among others.

Made of **autoclavable** polypropylene. Tamper evident Lid, attached to the body by means of a hinge.

The lid is conceived to maintain 90° after its opening, enabling this pot to be used with just one hand. It has a frosted squared surface for identification. Excellent mechanical and chemical resistance.



For **coloured versions**, please ask our commercial department



Hinged lid container, 50 ml

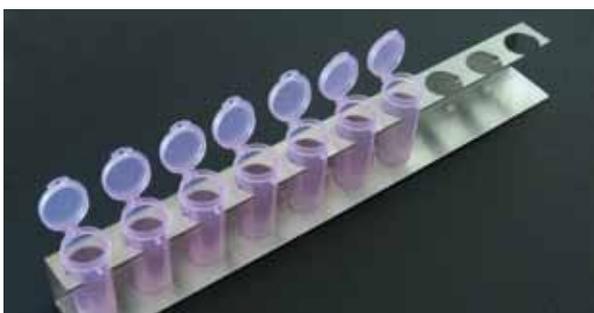
CE (IVD)

Graduated up to 50 ml.

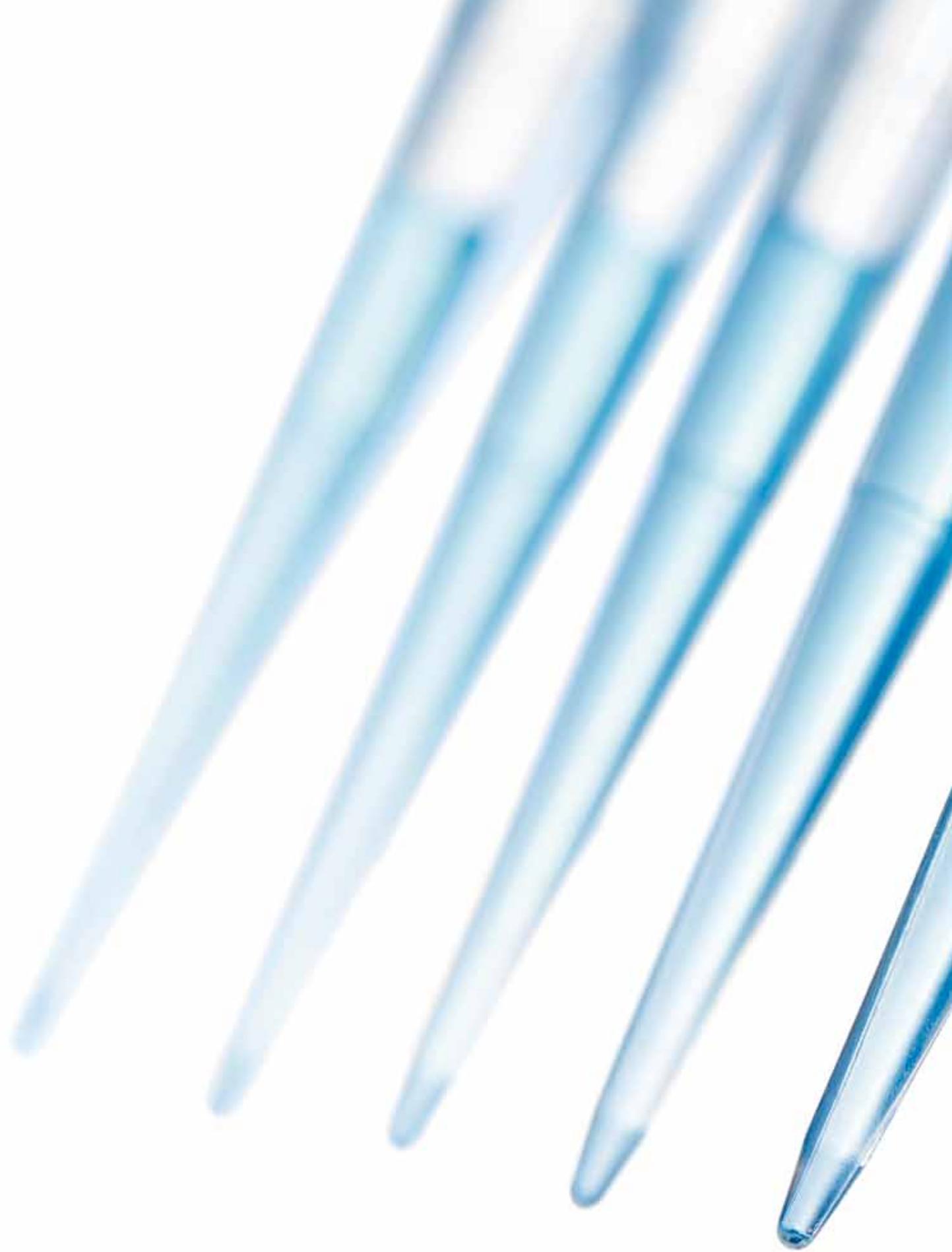
Code **410046** is supplied uncapped.

Code **410056** is supplied uncapped inside an individual bag.

| code | description | case quantity | case weight | case volume | cases pallet |
|---------------|--------------------------------------|---------------|-------------|-------------|--------------|
| 410046 | 50 ml container | 800 | 7.5 | 0.14 | 12 |
| 410056 | 50 ml container individually wrapped | 800 | 7.5 | 0.14 | 12 |



We can manufacture special racks in aluminium or stainless steel under request. Please ask the commercial department.



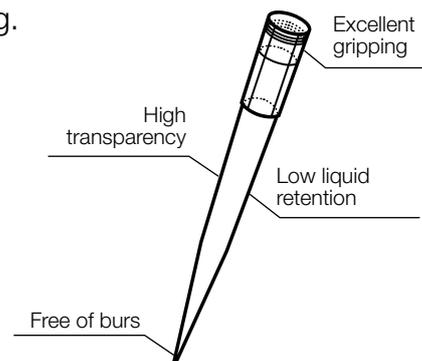


Tips for automatic pipettes

DELTALAB tips:

The perfect aid for a **safe, easy, quick and accurate** liquid handling.

- Low retention
- Autoclave resistant
- Good suction
- High transparency
- Uniformity
- Free of metals
- Traceability

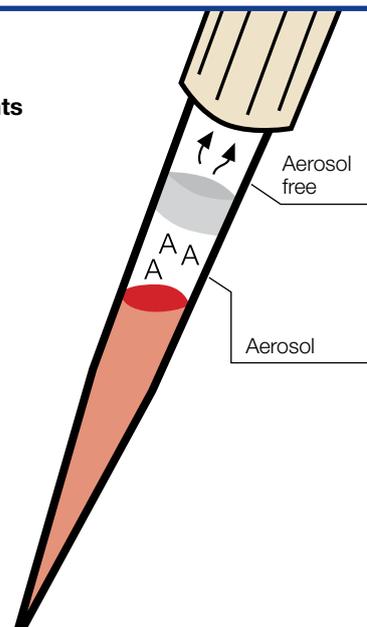


Tips with filter

The filter tip avoids aerosols and prevents pipette and / or sample contamination.

STANDARD

1. It **purifies the air** that goes through the filter, **removing aerosol and contaminants**
2. It partially **absorbs the sample** in case of overaspiration (10-20%)
3. It **protects the sample** from an accidentally **non sterile pipette**

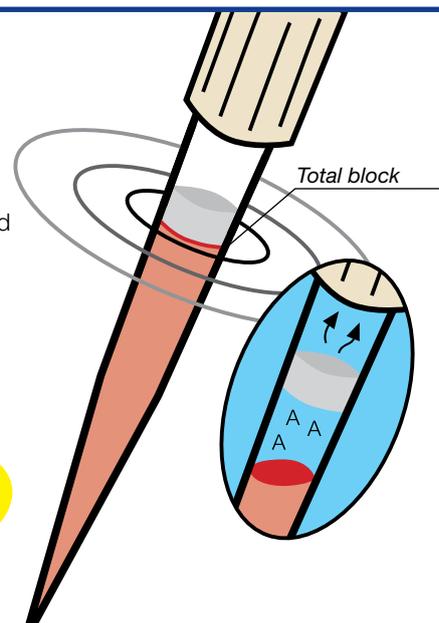


HYDROPHOBIC POLYPROPYLENE

EXTRA

1. It **purifies the air** that goes through the filter, **removing aerosol and contaminants**
2. In case of overaspiration, **the filter compacts when touching the liquid**, and stops the pipetting
3. It **protects the sample** from an accidentally **non sterile pipette**

Allows sample recovering!!



HYDROPHOBIC POLYPROPYLENE

Our range

Our range of tips meet almost every liquid handling need, as they are available in a wide scope of options:

- With or without filter in bulk or rack (with hinged, sliding, or free lid).
- Sterile, DNase and RNase free, with Standard or Extra filter, in rack.
- Sterile, without filter, packed in individual bag.



- KIT: cardboard box with a plastic rack with hinged lid and 10 refills of 96 tips. 



Our racks are made of **autoclavable** polypropylene, and have been developed according to an identifying colour code: racks with tips without filter are blue or translucent colour, depending on the code; racks with filter tips are red colour and racks with Extra filter tips are white.

*Excepting codes **327-26** (page 175) and **200076RF** (page 178), in blue and translucent colour respectively.

0.1 - 10 µl tip

Natural colour universal crystal tip, graduated. Gilson® type.
 El Rack made of **autoclavable** polypropylene up to **121 °C**.
 Racks with transparent lid and base in different colours:
 Rack without filter: blue base.
 STANDARD filter: red base / transparent lid.
 EXTRA FILTER: white base / transparent lid.

Suitable (not exclusive)

Gilson®, Eppendorf®, Biohit®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Nichiryo®, HTL®.

| code | description | sterile | case quantity | case weight | case volume |
|--------------------|---------------------------|------------------|---------------|-------------|-------------|
| ● 200024 | tips in bulk | no | 20 x 1,000 | 3.80 | 0.026 |
| ● 199084RC | 96 tips rack | no | 10 x 96 | 1.92 | 0.009 |
| ● 326-19 | filter tips in bulk | no | 20 x 1,000 | 3.70 | 0.026 |
| ●●● 327-19 | 96 tips rack filter | RADIATION | 10 x 96 | 1.82 | 0.009 |
| ●●● 327-19X | 96 tips rack EXTRA filter | RADIATION | 10 x 96 | 1.84 | 0.007 |

Code **326-19** minimum unit sale: 1 bag.



0.1 - 10 µl tip

Natural colour universal crystal tip, graduated. Gilson® type.
 Long shape, perfect to pipette samples in deep vessels.

Suitable (not exclusive)

Gilson®, Socorex®, Eppendorf®, Biohit®, Nichiryo®, Finnpiquette®, Dsg®, Elkay®, Genex®, Jencons®, HTL®.

Rack made of **autoclavable** polypropylene up to **121 °C**.
 Racks with transparent lid and base in different colours:
 Rack without filter: blue base.
 STANDARD filter: red base.
 EXTRA filter: white base.

| code | description | sterile | case quantity | case weight | case volume |
|----------------------|---------------------------|------------------|---------------|-------------|-------------|
| ● 301-01 | tips in bulk | no | 15 x 1,000 | 3.00 | 0.026 |
| ● 301-01R | 96 tips rack | no | 10 x 96 | 1.80 | 0.009 |
| ● 301-01F | filter tips in bulk | no | 15 x 1,000 | 2.92 | 0.016 |
| ●●● 301-01FR | 96 tips rack filter | RADIATION | 10 x 96 | 1.74 | 0.009 |
| ●●● 301-01FRX | 96 tips rack EXTRA filter | RADIATION | 10 x 96 | 1.80 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.

Code **301-01F** suitable for Eppendorf® Research Plus.



Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free



0.5 - 10 µl tip

Natural colour universal crystal tip, bevelled. Eppendorf® type.

Suitable (not exclusive)

Eppendorf®, Gilson®, Biohit®, Brand®, Dsg®, Elkay®, Finnpiquette®, Jencons®, Nichiryo®, Socorex®, HTL®.

Rack made of **autoclavable** polypropylene up to **121 °C**.

Racks with transparent lid and base in different colours:

Rack without filter: blue base;

STANDARD filter: red base;

EXTRA filter: white base;

| code | description | sterile | case quantity | case weight | case volume |
|---------------------|---------------------------|------------------|---------------|-------------|-------------|
| ● 301-11 | tips in bulk | no | 25 x 1,000 | 4.80 | 0.050 |
| ● 301-10 | 96 tips rack | no | 10 x 96 | 1.82 | 0.009 |
| ●●● 301-09 | 96 tips rack | RADIATION | 10 x 96 | 1.80 | 0.009 |
| ● 326-37 | filter tips in bulk | no | 25 x 1,000 | 5.40 | 0.035 |
| ●●● 327-37R | 96 tips rack filter | RADIATION | 10 x 96 | 1.82 | 0.009 |
| ●●● 327-37RX | 96 tips rack EXTRA filter | RADIATION | 10 x 96 | 1.80 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.



2 - 20 µl tip

Natural colour universal tip. Eppendorf® type.

Available without filter (2-200µl).

See our codes **200072**.

Suitable (not exclusive)

Eppendorf®, Biohit®, Finnpiquette®, Gilson®, Socorex®, Brand®, HTL®.

Rack made of **autoclavable** polypropylene up to **121 °C**.

Racks with transparent lid and base in different colours:

Rack without filter: blue base.

STANDARD filter: red base.

| code | description | sterile | case quantity | case weight | case volume |
|---------------------|---------------------|------------------|---------------|-------------|-------------|
| ●●● 200010FR | 96 tips rack filter | RADIATION | 10 x 96 | 2.0 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.

Colour codes:

● RNase and DNase free

● Metal free

● Pyrogen free

2 - 30 µl tip

Natural colour universal filter tip, bevelled.
Gilson® type.

Suitable (not exclusive)

Gilson® P20 P100 P200, Eppendorf®, Biohit®, Dsg®, Elkay®, Finnpipette®, Genex®, Jencons®, Socorex®, Nichiryo®, HTL®, etc.

Rack made of **autoclavable** polypropylene up to **121 °C**.
Racks with transparent lid and base in different colours:
Rack with STANDARD filter: red base.

| code | description | sterile | case quantity | case weight | case volume |
|--------------------|---------------------|------------------|---------------|-------------|-------------|
| ● 327-36 | filter tips in bulk | no | 25 x 1,000 | 9.5 | 0.071 |
| ●●● 327-36R | 96 tips rack filter | RADIATION | 10 x 96 | 2.0 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.



2 - 100 µl tip

Natural colour universal filter tip, bevelled.
Gilson® type.

Suitable (not exclusive)

Gilson® P100 P200, Eppendorf®, Biohit®, Dsg®, Elkay®, Finnpipette®, Genex®, Jencons®, Nichiryo®, HTL®, etc.

Rack made of **autoclavable** polypropylene up to **121 °C**.
Racks with transparent lid and base in different colours:
Rack with STANDARD filter: red base.
EXTRA filter: white base.

| code | description | sterile | case quantity | case weight | case volume |
|--------------------|---------------------------|------------------|---------------|-------------|-------------|
| ● 327-23 | filter tips in bulk | no | 25 x 1,000 | 9.0 | 0.071 |
| ●●● 327-24 | 96 tips rack filter | RADIATION | 10 x 96 | 2.0 | 0.009 |
| ●●● 327-24X | 96 tips rack EXTRA filter | RADIATION | 10 x 96 | 2.1 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.



Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free



2 - 160 µl tip

Natural colour universal filter tip, bevelled. Gilson® type. Identical tip as code **200078**, but having the filter placed up to 160 µl.

Suitable (not exclusive)

Gilson® P20 P100 P200, Eppendorf®, Biohit®, Dsg®, Elkay®, Finnpipette®, Genex®, Jencons®, Socorex®, Nichiryo®, HTL®, etc.

Rack made of **autoclavable** polypropylene up to **121 °C**.

Racks with transparent lid and base in different colours:

Rack with STANDARD filter: red base.

| code | description | sterile | case quantity | case weight | case volume |
|-------------------|---------------------|------------------|---------------|-------------|-------------|
| ●●● 327-15 | 96 tips rack filter | RADIATION | 10 x 96 | 2 | 0.009 |



2 - 200 µl tip

Natural colour universal tip, bevelled. Gilson type®.

Suitable (not exclusive)

Gilson® P20 P100 P200, Eppendorf®, Biohit®, Dsg®, Elkay®, Finnpipette®, Genex®, Jencons®, Socorex®, Nichiryo®, HTL®, etc.

Rack made of **autoclavable** polypropylene up to **121 °C**; with transparent lid and blue base.

| code | description | sterile | case quantity | case weight | case volume |
|--------------------|--------------|------------------|---------------|-------------|-------------|
| ● 200078 | tips in bulk | no | 25 x 1,000 | 9.2 | 0.071 |
| ● 199078RC | 96 tips rack | no | 10 x 96 | 1,96 | 0.009 |
| ●●● 199078N | 96 tips rack | RADIATION | 10 x 96 | 1,96 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.

Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free

2 - 200 (100) µl tip

Natural colour universal tip. Eppendorf® type.

Suitable (not exclusive)

Eppendorf®, Gilson®, Brand®, Biohit®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Kartell®, Nichiryo®, Socorex®, HTL®.

Rack made of **autoclavable** (up to 121 °C) polypropylene.

Racks with transparent lid and base in different colours:

Rack without filter: blue base.

STANDARD filter: blue base.

| code | description | sterile | case quantity | case weight | case volume |
|------|-------------|---------|---------------|-------------|-------------|
|------|-------------|---------|---------------|-------------|-------------|

2 - 200 µl tip

| | | | | | |
|-------------|--------------|-----------|------------|-----|-------|
| ● 200072 | tips in bulk | no | 25 x 1,000 | 9.1 | 0.071 |
| ● 199014RC | 96 tips rack | no | 10 x 96 | 1.9 | 0.009 |
| ●●● 199014N | 96 tips rack | RADIATION | 10 x 96 | 2 | 0.009 |

2 - 100 µl filter tip

| | | | | | |
|-------------|---------------------|-----------|------------|------|-------|
| ● 327-33 | tips in bulk | no | 25 x 1,000 | 10 | 0.071 |
| ●●● 327-33R | 96 tips rack filter | RADIATION | 10 x 96 | 1.97 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.



2 - 200 µl tip

Universal tip, bevelled. Gilson® type. Tips with filter: natural colour. Tips without filter: yellow colour.

Suitable (not exclusive)

Gilson®, Eppendorf®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Nichiryo®, HTL®, Socorex® serie Akura.

Rack made of **autoclavable** (up to 121 °C) polypropylene.

Racks with transparent lid and base in different colours:

Rack without filter: blue base.

STANDARD filter: red base.

EXTRA filter: white base.

| code | description | sterile | case quantity | case weight | case volume |
|------|-------------|---------|---------------|-------------|-------------|
|------|-------------|---------|---------------|-------------|-------------|

Natural colour:

| | | | | | |
|--------------|---------------------------|-----------|------------|------|-------|
| ● 327-34 | filter tips in bulk | no | 25 x 1,000 | 9.2 | 0.083 |
| ●●● 327-34R | 96 tips rack filter | RADIATION | 10 x 96 | 1.98 | 0.009 |
| ●●● 327-34RX | 96 tips rack EXTRA filter | RADIATION | 10 x 96 | 1.98 | 0.009 |

Yellow colour:

| | | | | | |
|-----------|----------------------------------|-----------|------------|------|-------|
| ● 200016 | tips in bulk | no | 25 x 1,000 | 8.5 | 0,071 |
| ● 200016B | single tips individually wrapped | RADIATION | 200 | 0,19 | 0.002 |
| ● 200016R | 96 tips rack | no | 10 x 96 | 1.94 | 0.009 |

Code 327-34 minimum unit sale: 1 bag.

Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free





1 - 200 µl tip

Universal natural colour tip with collar for gel.

Suitable (not exclusive)

Pipetman®, Eppendorf®, Titertek®, Biohit®, Socorex®, Nichiryo®, Costar Corning®, Oxford®, Rainin®, Finnpiptette®.

Translucent rack made of **autoclavable** polypropylene with hinged lid.

| code | description | sterile | case quantity | case weight | case volume |
|--------------|------------------------------|-----------|---------------|-------------|-------------|
| ● 200079 | tips in bulk | no | 10 x 1,000 | 9.2 | 0.050 |
| ●●● 200079R | 96 tips rack | RADIATION | 10 x 96 | 1.2 | 0.010 |
| ●●● 200079F | 96 tips rack filter 1-20 µl | RADIATION | 10 x 96 | 1.8 | 0.009 |
| ●●● 200079FS | 96 tips rack filter 1-100 µl | RADIATION | 10 x 96 | 1.8 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.



1 - 200 µl tip

Universal natural colour tip with 91 mm length.

Suitable (not exclusive)

Pipetman®, Eppendorf®, Nichiryo®, Costar Corning®, Oxford®, Volac®, Socorex®, Titertek®, SMI®, Rainin®, Finnpiptette®, etc.

Rack made of polypropylene **autoclavable** up to **121 °C**.

Transparent lid and blue base, with 204 tips in 12 x 17 distribution.

| code | description | sterile | case quantity | case weight | case volume |
|------------|----------------------|-----------|---------------|-------------|-------------|
| ● 200026 | tips in bulk | no | 5 x 1,000 | 3.50 | 0.050 |
| ●●● 327-26 | 204 tips rack filter | RADIATION | 8 x 204 | 2.03 | 0.013 |

Tips in bulk: minimum unit sale: 1 bag.

Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free

1 - 200 µl tip

Natural colour universal tip. Designed to work with viscous fluids like glycerol or thick tissue homogenates. Suitable also for fragile cellular structures, minimizing the risk of tearing or rupture.

Suitable (not exclusive)

Eppendorf®, Socorex®, Nichiryo®, Finnpiquette®, Biohit®, Oxford®, Pipetman®, Rainin®, Costar Corning®, Volac®.

Rack made of polypropylene **autoclavable** up to **121 °C**.
Transparent lid and blue base.

| code | description | sterile | case quantity | case weight | case volume |
|-----------------|--------------|---------|---------------|-------------|-------------|
| ● 327-40 | tips in bulk | no | 10 x 1,000 | 4.20 | 0.020 |

Tips in bulk: minimum unit sale: 1 bag.



5 - 200 µl tip

Eppendorf® universal tip.

Suitable (not exclusive)

Eppendorf®, Gilson®, Brand®, Biohit®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Nichiryo®, Socorex®, HTL®.

Rack made of **autoclavable** polypropylene up to **121 °C**.
Transparent lid and blue base.

| code | description | sterile | case quantity | case weight | case volume |
|------------------|----------------------------------|------------------|---------------|-------------|-------------|
| ● 200009 | tips in bulk | no | 25 x 1,000 | 8.82 | 0.071 |
| ● 200009B | single tips individually wrapped | RADIATION | 200 | 0.19 | 0.002 |
| ● 200009R | 96 tips rack | no | 10 x 96 | 1.98 | 0.009 |



Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free



5 - 200 µl tip

Yellow universal tip, Gilson® type.

Suitable (not exclusive)

Gilson®, Eppendorf®, Biohit®, Dsg®, Elkay®, Finnpiquette®, Genex®, Jencons®, Nichiryo®, HTL®.

Rack made of polypropylene **autoclavable** up to **121 °C**.
Transparent lid and blue base.

| code | description | sterile | case quantity | case weight | case volume |
|-----------------------|----------------------------------|---------|---------------|-------------|-------------|
| ● 199083 | tips in bulk | no | 25 x 1,000 | 9.0 | 0.071 |
| ● 199620 | 96 tips rack | no | 10 x 96 | 1.96 | 0.010 |
| NEW KIT199083R | kit: rack + 10 refills of 96 tip | no | 1 | 1.00 | 0.0089 |

Tips in bulk: minimum unit sale: 1 bag.



2 - 300 µl tip

Natural colour universal tip. Biohit® type.

Suitable (not exclusive)

Gilson® P200, Finnpiquette® (old model), Labsystems®, etc.

Rack made of **autoclavable** polypropylene up to **121 °C**.
Transparent lid and blue base.

| code | description | sterile | case quantity | case weight | case volume |
|-------------------|--------------|---------|---------------|-------------|-------------|
| ● 200074 | tips in bulk | no | 24 x 1,000 | 8.3 | 0.067 |
| ● 199076RC | 96 tips rack | no | 10 x 96 | 1.8 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.

Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free

2 - 200 µl tip

Yellow universal tip with crown and with a 50 µl margin to prevent any accidental overaspiration. Filter tip is neutral instead of yellow.

Translucent rack made of autoclavable polypropylene up to **121 °C**; with hinged lid.

Suitable (not exclusive)

Eppendorf®, Socorex®, Gilson® except NEO model, Nichiryo®, Biohit®, Brand®, Jencons®, Thermo®, DSG®, Elkay®, HTL®, Finnpiquette®, Genex®.

| code | description | sterile | case quantity | case weight | case volume |
|---|----------------------------------|------------------|---------------|-------------|-------------|
| ● 200076 | tips in bulk | no | 24 x 1,000 | 8.82 | 0.071 |
| ● 200076R | tips in rack | no | 10 x 96 | 1.98 | 0.009 |
|  KIT200076R | kit: rack + 10 refills of 96 tip | no | 1 | 1.00 | 0.0089 |
| ●●● 200076RF | filter tips in rack | RADIATION | 10 x 96 | 2.04 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.



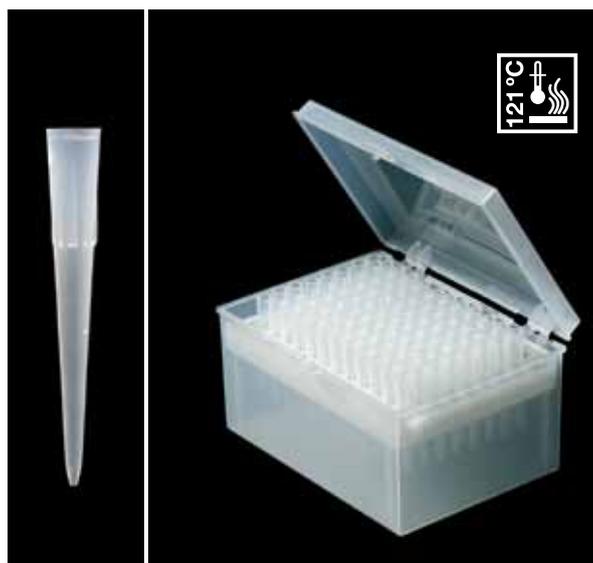
5 - 200 µl tip

Natural colour universal tip, bevelled. MLA® type.

Translucent rack made of **autoclavable** polypropylene up to **121 °C**; with hinged lid.

| code | description | sterile | case quantity | case weight | case volume |
|------------------|--------------|---------|---------------|-------------|-------------|
| ● 200017 | tips in bulk | no | 25 x 1,000 | 10.5 | 0.071 |
| ● 200017R | 96 tips rack | no | 10 x 96 | 1.8 | 0.010 |

Tips in bulk: minimum unit sale: 1 bag.



5 - 200 µl tip

Natural colour universal tip, bevelled. Oxford® type.

Suitable for the DiaMed-Micro typing System machine.

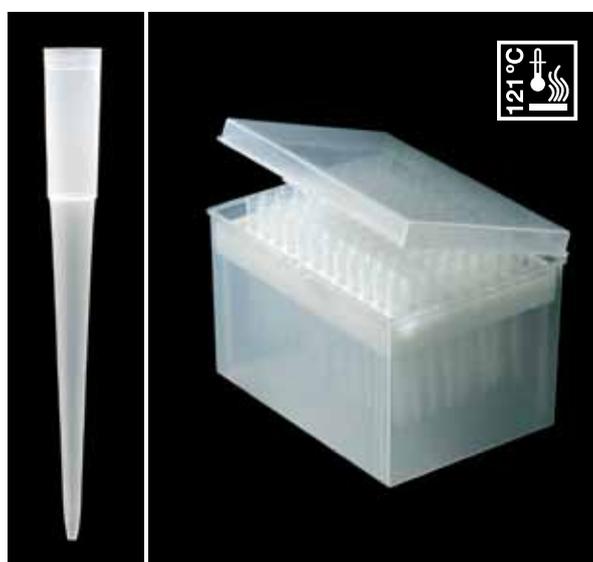
Translucent rack made of **autoclavable** polypropylene up to **121 °C**; with hinged lid.

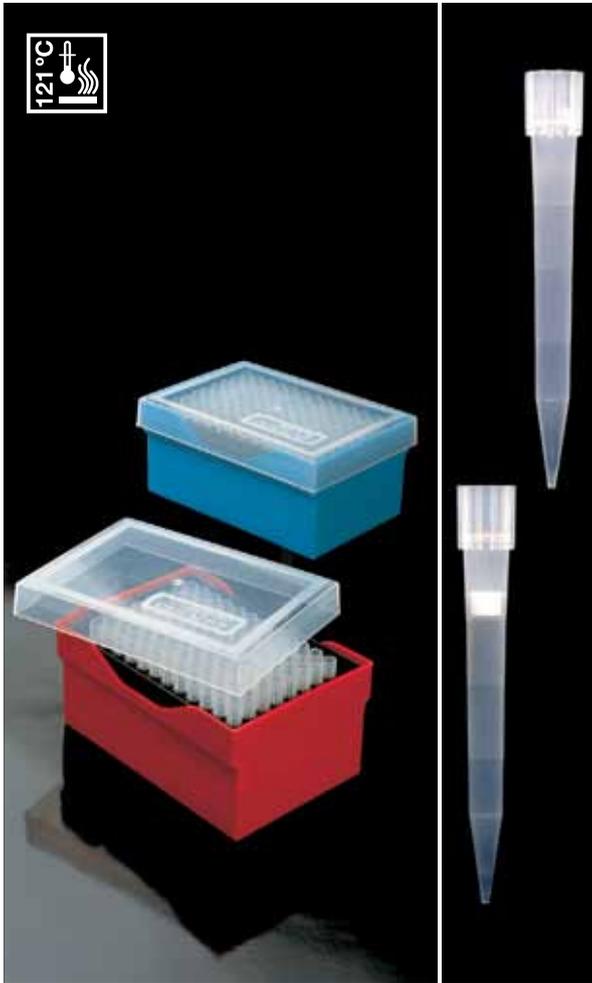
| code | description | sterile | case quantity | case weight | case volume |
|------------------|--------------|---------|---------------|-------------|-------------|
| ● 200019 | tips in bulk | no | 12 x 1,000 | 6.9 | 0.071 |
| ● 200019R | 96 tips rack | no | 10 x 96 | 1.8 | 0.010 |

Tips in bulk: minimum unit sale: 1 bag.

Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free





20 - 300 µl tip

Natural colour universal tip. Eppendorf® type.

Suitable (not exclusive)

Eppendorf®, Gilson®, Brand®, Biohit®, Elkay®, Jencons®, Finnpiquette®, Nichiryo®, Socorex®.

Rack made of **autoclavable** (up to **121 °C**) polypropylene.

Racks with transparent lid and base in different colours:

Rack without filter: blue base.

STANDARD filter: red base.

| code | description | sterile | case quantity | case weight | case volume |
|---------------------|---------------------|------------------|---------------|-------------|-------------|
| ● 200077 | tips in bulk | no | 20 x 1,000 | 9.7 | 0.071 |
| ● 200077R | 96 tips rack | no | 10 x 96 | 1.94 | 0.009 |
| ● 200077F | filter tips in bulk | no | 20 x 1,000 | 9.9 | 0.071 |
| ●●● 200077FR | 96 tips rack filter | RADIATION | 10 x 96 | 1.92 | 0.009 |

Tips in bulk: minimum unit sale: 1 bag.



100 - 1,000 µl tip

Universal tip with collar. Blue or natural colour.

Suitable (not exclusive)

Eppendorf®, Gilson®, Biohit®, DSG®, Elkay®, Finnpiquette®, Genex®, Jencons®, Nichiryo®. Suitable for Menarini®.

Rack made of polypropylene, **autoclavable** up to **121 °C**.

Racks with transparent lid and base in different colours depending on the model.

Tips without filter: blue base.

STANDARD filter: red base.

EXTRA filter: white base.

| code | description | sterile | case quantity | case weight | case volume |
|------------------------|----------------------------------|------------------|---------------|-------------|-------------|
| Blue colour: | | | | | |
| ● 200012 | tips in bulk | no | 10 x 1,000 | 8.4 | 0.085 |
| ● 200012B | single tips individually wrapped | RADIATION | 175 | 0.27 | 0.0035 |
| ● 200012R | 96 tips rack | no | 10 x 96 | 2.36 | 0.009 |
| Natural colour: | | | | | |
| ● 200070 | tips in bulk | no | 10 x 1,000 | 8.0 | 0.083 |
| ● 200070R | 96 tips rack | no | 10 x 96 | 2.4 | 0.009 |
| ●●● 200070NR | 96 tips rack | RADIATION | 10 x 96 | 2.38 | 0.010 |
| ● 327-30 | filter tips in bulk | no | 10 x 1,000 | 3.5 | 0.083 |
| ●●● 327-30R | 96 tips rack filter | RADIATION | 10 x 96 | 2.38 | 0.013 |
| ●●● 327-30RX | 96 tips rack EXTRA filter | RADIATION | 10 x 96 | 2.4 | 0.015 |

Codes **200070** and **327-30** minimum unit sale: 1 bag.

Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free

100 - 1,000 µl tip

Gilson® Universal tip.

Suitable (not exclusive)

Gilson®, Eppendorf®, Biohit®, DSG®, Elkay®, Finnpipette®, Genex®, Jencons®, Nichiryo®, Socorex®, HTL®.

Rack made of polypropylene, **autoclavable** up to **121 °C**.

Racks with transparent lid and base in different colours depending on the model.

Tips without filter: blue base.

STANDARD filter: red base.

| code | description | sterile | case quantity | case weight | case volume |
|------------------------|------------------------------|------------------|---------------|-------------|-------------|
| Blue colour: | | | | | |
| ● 200080.1 | tips in bulk | no | 10 x 1,000 | 9.86 | 0.082 |
| ● 200080.1R | 96 tips rack | no | 10 x 96 | 2.62 | 0.015 |
| Natural colour: | | | | | |
| ● 200082 | tips in bulk | no | 10 x 1,000 | 10.8 | 0.083 |
| ● 200082R | 96 tips rack | no | 10 x 96 | 2.66 | 0.015 |
| ●●● 200082NR | 96 tips rack | RADIATION | 10 x 96 | 2.62 | 0.013 |
| ● 200082F | filter tips in bulk | no | 10 x 1,000 | 11.2 | 0.083 |
| ●●● 327-16 | 96 tips rack filter | RADIATION | 10 x 96 | 2.64 | 0.013 |
| ●●● 327-16X | 96 tips rack EXTRA filter | RADIATION | 10 x 96 | 2.7 | 0.013 |

Tips in bulk: minimum unit sale: 1 bag.



100 - 1,000 µl tip

Universal tip with collar. Natural colour, Eppendorf® type.

Suitable (not exclusive)

Eppendorf®, Nichiryo®, Biohit®, Brand®, Dsg®, Gilson®, Elkay®, Finnpipette®, Genex®, Jencons®, HTL®. Suitable for Menarini®.

Translucent rack made of **autoclavable** polypropylene up to **121 °C**; with hinged lid.

| code | description | sterile | case quantity | case weight | case volume |
|---------------------|---------------------|------------------|---------------|-------------|-------------|
| ● 200029 | tips in bulk | no | 10 x 1,000 | 8.1 | 0.083 |
| ● 200029R | 96 tips rack | no | 10 x 96 | 2.4 | 0.010 |
| ● 200029F | filter tips in bulk | no | 10 x 1,000 | 8.1 | 0.083 |
| ●●● 200029RF | 96 tips rack filter | RADIATION | 10 x 96 | 2.4 | 0.013 |

Tips in bulk: minimum unit sale: 1 bag.



Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free



5 - 500 µl tip

Universal natural colour tip. Beckmann® type.

For use (but not limited to)

Sherwood®, Lancer®.

| code | description | sterile | case quantity | case weight | case volume |
|----------|--------------|---------|---------------|-------------|-------------|
| ● 200021 | tips in bulk | no | 10 x 1,000 | 6.9 | 0.071 |

Tips in bulk: minimum unit sale: 1 bag.



100 - 1,000 µl tip

Universal tip. Oxford® type.

For use (but not limited to)

Finnpipette®, Labssystem®.

| code | description | sterile | case quantity | case weight | case volume |
|----------|--------------|---------|---------------|-------------|-------------|
| ● 200020 | tips in bulk | no | 8 x 1,000 | 10.40 | 0.071 |

Tips in bulk: minimum unit sale: 1 bag.



100 - 1,000 µl tip

Natural colour universal tip special for MLA®. Bevelled.

Suitable (not exclusive)

Finnpipette® colour.

| code | description | sterile | case quantity | case weight | case volume |
|----------|--------------|---------|---------------|-------------|-------------|
| ● 200018 | tips in bulk | no | 8 x 1,000 | 2.75 | 0.071 |

Tips in bulk: minimum unit sale: 1 bag.

Colour codes:

- RNAse and DNAse free
- Metal free
- Pyrogen free

100 - 1,000 µl tip

Natural colour universal tip, bevelled and graduated.

For use (but not limited to)

Gilson®, Rainin®, Finnpiquette®, Nichiryo®, Eppendorf®, Biometra®.

| code | description | sterile | case quantity | case weight | case volume |
|---|--------------|---------|---------------|-------------|-------------|
|    200022 | tips in bulk | no | 10 x 1,000 | 10.9 | 0.080 |

Tips in bulk: minimum unit sale: 1 bag.

Colour codes:

-  RNase and DNase free
-  Metal free
-  Pyrogen free

Pipetting reservoir

Reservoir specially designed for use with multichannel pipettes. Made of polystyrene. Code **M-210** is supplied sterile and individually wrapped.

| code | description | sterile | case quantity | case weight | case volume |
|--------------|-------------|------------------|---------------|-------------|-------------|
| M-200 | 150 ml | no | 50 | 0.73 | 0.0095 |
| M-210 | 150 ml | RADIATION | 50 | 0.73 | 0.0095 |
| M-203 | 25 ml | no | 5 x 10 | 12.58 | 0.098 |



See our plates for liquid handling on chapter 2. **Molecular Biology**



Pipetting reservoir

8 and 12 channel reservoir, 40 ml, PS, sterile. Individually wrapped.

Dimensions:

330089: 83 x 126 x 13 mm

330129: 126 x 83 x 13 mm

| code | description | sterile | case quantity | case weight | case volume |
|---------------|-------------------|------------------|---------------|-------------|-------------|
| 330089 | 8 channel. 40 ml | RADIATION | 10 | 0.23 | 0.0035 |
| 330129 | 12 channel. 40 ml | RADIATION | 10 | 0.23 | 0.0035 |





1 - 5 ml macrotip

Natural colour universal macro tip, with collar.
Eppendorf® type.

For use (but not limited to)

Biohit®, Dsg®, Eppendorf®, Genex®, Jencons®, Socorex® Acura 835.

Rack made of polypropylene **autoclavable** up to **121 °C**. Polycarbonate transparent lid and marble base.
Sliding lid.

| code | description | sterile | case quantity | case weight | case volume |
|---------------------|---------------------|------------------|---------------|-------------|-------------|
| ● 200075 | tips in bulk | no | 8 x 250 | 5.9 | 0.084 |
| ● 199075 | 50 tips rack | no | 4 x 50 | 1.98 | 0.015 |
| ●●● 200075RF | 50 tips rack filter | RADIATION | 4 x 50 | 2.5 | 0.015 |



1 - 5 ml macrotip

Natural colour universal macro tip with collar.
Socorex® type.

For use (but not limited to)

Nichiryo®, Oxford®.

| code | description | sterile | case quantity | case weight | case volume |
|-----------------|----------------------------------|------------------|---------------|-------------|-------------|
| 831-312 | tips in bulk | no | 12 x 250 | 9.76 | 0.096 |
| 831-312B | single tips individually wrapped | RADIATION | 75 | 0.3 | 0.003 |

Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free

1 - 5 ml macrotip

Blue colour universal macro tip with collar.
Socorex® type.

For use (but not limited to)

Gilson®, Nichiryo®.

Rack made of polypropylene **autoclavable** up to **121 °C**.
Transparent lid and marble base.
Sliding lid.

| code | description | sterile | case quantity | case weight | case volume |
|------------------|--------------|---------|---------------|-------------|-------------|
| ● 200083 | tips in bulk | no | 8 x 250 | 5.78 | 0.085 |
| ● 200083R | 50 tips rack | no | 4 x 50 | 2.1 | 0.015 |



1 - 5 ml macrotip

Natural colour universal macro tip with collar.
Finnipipette® type.

For use (but not limited to)

Brand®, Labsystem®.

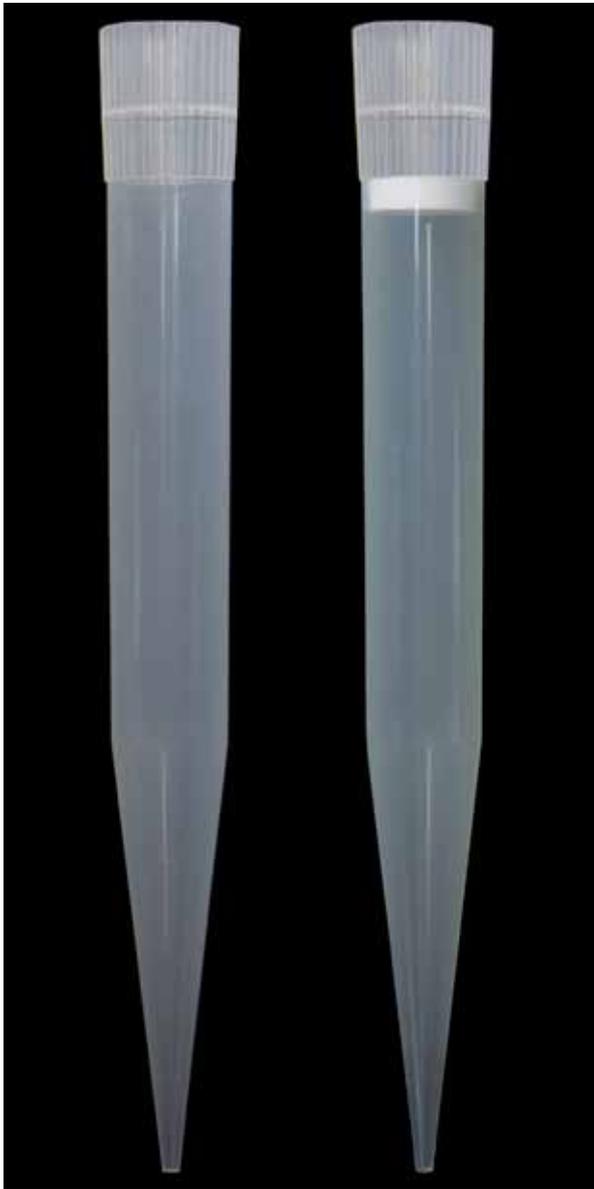
Rack made of polypropylene **autoclavable** up to **121 °C**.
Transparent lid and marble base.
Sliding lid.

| code | description | sterile | case quantity | case weight | case volume |
|---------------------|---------------------|------------------|---------------|-------------|-------------|
| ● 200028 | tips in bulk | no | 8 x 250 | 6.76 | 0.085 |
| ● 200028R | 50 tips rack | no | 4 x 50 | 2.2 | 0.015 |
| ●●● 200028RF | 50 tips rack filter | RADIATION | 4 x 50 | 2.50 | 0.015 |



Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free



2 - 10 ml macrotip

Natural colour universal macro tip with collar. Gilson® type.

For use (but not limited to)

Labsystem®, Socorex®.

Rack made of polypropylene **autoclavable** up to **121 °C**.
Transparent lid and marble base. Sliding lid.

| code | description | sterile | case quantity | case weight | case volume |
|---------------------|---------------------|------------------|---------------|-------------|-------------|
| ● 200015 | tips in bulk | no | 10 x 100 | 7.24 | 0.085 |
| ● 200015R | 25 tips rack | no | 4 x 25 | 2.25 | 0.015 |
| ●●● 200015RF | 25 tips rack filter | RADIATION | 4 X 25 | 2.2 | 0.015 |

Colour codes:

- RNase and DNase free
- Metal free
- Pyrogen free

Please contact our commercial department to get more information about our wide range of Socorex® products:

- * Pipettes: adjustable and fixed volume; digital, analogical and electronic; multichannel, etc.
- * Microdispensers, table top dispensers and compact dispensers
- * Self-refilling syringes



FILTER TIPS DS-BARRIER

Filter tips specially designed for PCR and other amplification techniques or for preventing aerosol contamination from infectious materials.

Tips are made of low retention virgin polypropylene with a filter made of ultra-high molecular weight polyethylene with a pore smaller than 20 microns.

DS-Barrier filter tips racked on hinge racks, sterilized by ionizing radiation, **DNase, RNase, Metals and pyrogens free**, or in a thermosealed bag non sterile.

DS-Barrier racks are **autoclavable at 121 °C** for 15 minutes and are identified by color code (every tip size has a different rack color for easy identification).



DS-Barrier Micro

DS-Barrier Filter tip for volumes between 10 and 20 µl for micro tip cone pipettes. Universal compatibility.

Designed to fit with in most market pipettes.

| code | description | volume µl | presentation | sterile | case quantity | case weight | case volume |
|---------------|-------------|-----------|--------------|------------------|---------------|-------------|-------------|
| 249010 | filter tip | 10 | rack 96 u. | RADIATION | 10 x 96 | 1.23 | 0.009 |
| 169010 | filter tip | 10 | bag 960 u. | no | 72 x 960 | 13.4 | 0.144 |
| 249021 | filter tip | 20 | rack 96 u. | RADIATION | 10 x 96 | 1.25 | 0.009 |
| 169021 | filter tip | 20 | bag 960 u. | no | 72 x 960 | 13.6 | 0.144 |

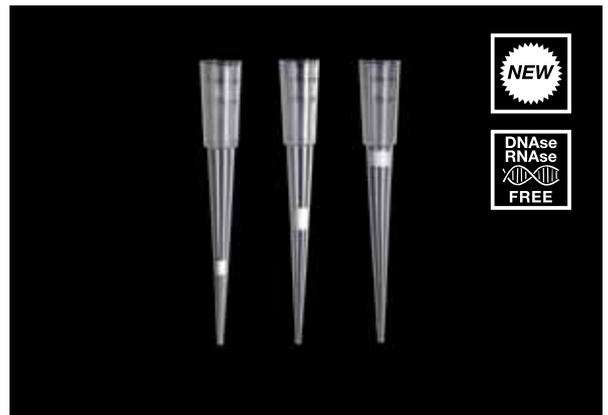


DS-Barrier 10 - 20 - 100 µl

DS-Barrier filter tip for volumes between 10 and 100 µl for standard tip cone pipettes. Universal compatibility.

Designed to fit with in most market pipettes.

| code | description | volume µl | presentation | sterile | case quantity | case weight | case volume |
|---------------|-------------|-----------|--------------|------------------|---------------|-------------|-------------|
| 249011 | filter tip | 10 | rack 96 u. | RADIATION | 10 x 96 | 1.31 | 0.009 |
| 169011 | filter tip | 10 | bag 960 u. | no | 40 x 960 | 13.2 | 0.144 |
| 249020 | filter tip | 20 | rack 96 u. | RADIATION | 10 x 96 | 1.31 | 0.009 |
| 169020 | filter tip | 20 | bag 960 u. | no | 40 x 960 | 13.2 | 0.144 |
| 249100 | filter tip | 100 | rack 96 u. | RADIATION | 10 x 96 | 1.31 | 0.009 |
| 169100 | filter tip | 100 | bag 960 u. | no | 40 x 960 | 13.2 | 0.144 |



DS-Barrier 200 - 300 µl

DS-Barrier filter tip for volumes between 200 and 300 µl for standard tip cone pipettes. Universal compatibility.

Designed to fit with in most market pipettes.

| code | description | volume µl | presentation | sterile | case quantity | case weight | case volume |
|---------------|-------------|-----------|--------------|------------------|---------------|-------------|-------------|
| 249200 | filter tip | 200 | rack 96 u. | RADIATION | 10 x 96 | 1.35 | 0.009 |
| 169200 | filter tip | 200 | bag 960 u. | no | 32 x 960 | 11.25 | 0.144 |
| 249300 | filter tip | 300 | rack 96 u. | RADIATION | 10 x 96 | 1.35 | 0.009 |
| 169300 | filter tip | 300 | bag 960 u. | no | 32 x 960 | 11.25 | 0.144 |



DS-Barrier 1.000 µl

DS-Barrier filter tip for volumes to 1000 µl for standard tip cone pipettes. Universal compatibility.

Designed to fit with in most market pipettes.

| code | description | volume µl | presentation | sterile | case quantity | case weight | case volume |
|---------------|-------------|-----------|--------------|------------------|---------------|-------------|-------------|
| 249001 | filter tip | 1,000 | rack 60 u. | RADIATION | 8 x 60 | 1.42 | 0.009 |
| 169001 | filter tip | 1,000 | bag 960 u. | no | 12 x 960 | 13.52 | 0.144 |



NEW

HANDROP DIGITAL - SC

Single channel variable volume digital pipettes with digital display.
Precise volume selector.
Easy calibración and maintenance.
Lightweight and ergonomic design with tip ejector.

| code | volume range μ l | increments μ l | accuracy % | precision % | case weight | case volume |
|---------------|----------------------|--------------------|------------|-------------|-------------|-------------|
| 770005 | 0.1 - 2.5 | 0.05 | 2.5 - 12 | 2 - 5 | 0.21 | 0.0009 |
| 770000 | 0.5 - 10 | 0.1 | 1.0 - 2.5 | 0.8 - 1.5 | 0.21 | 0.0009 |
| 770080 | 2 - 20 | 0.5 | 0.9 - 3.0 | 0.4 - 2.0 | 0.21 | 0.0009 |
| 770050 | 10 - 100 | 1 | 0.8 - 3.0 | 0.15 - 1.5 | 0.21 | 0.0009 |
| 770070 | 20 - 200 | 1 | 0.6 - 3.0 | 0.15 - 1.0 | 0.21 | 0.0009 |
| 770060 | 100 - 1,000 | 5 | 0.6 - 2.0 | 0.2 - 0.7 | 0.21 | 0.0009 |
| 770040 | 200 - 1,000 | 5 | 0.6 - 0.9 | 0.2 - 0.3 | 0.21 | 0.0009 |
| 770110 | 1 - 5 ml | 0.05 ml | 0.5 - 0.7 | 0.15 - 0.3 | 0.21 | 0.0009 |

NEW

HANDROP DIGITAL - MC

8 and 12 channel variable volume digital pipettes with digital display.
Precise volume selector.
Easy calibración and maintenance.
Lightweight and ergonomic design with tip ejector.

| code | volume range μ l | increments μ l | accuracy % | precision % | case weight | case volume |
|------------------|----------------------|--------------------|------------|-------------|-------------|-------------|
| 8 chanel | | | | | | |
| 770210 | 0,5 - 10 | 0,1 | 1,0 - 4,0 | 1,5 - 4,0 | 0,34 | 0.0017 |
| 770220 | 5 - 50 | 0,5 | 1,0 - 3,0 | 0,5 - 2,0 | 0,34 | 0.0017 |
| 770240 | 50 - 300 | 5 | 0,7 - 1,5 | 0,25 - 0,8 | 0,34 | 0.0017 |
| 12 chanel | | | | | | |
| 770310 | 0,5 - 10 | 0,1 | 1,0 - 4,0 | 1,5 - 4,0 | 0,34 | 0.0017 |
| 770320 | 5 - 50 | 0,5 | 1,0 - 3,0 | 0,5 - 2,0 | 0,34 | 0.0017 |
| 770340 | 50 - 300 | 5 | 0,7 - 1,5 | 0,25 - 0,8 | 0,34 | 0.0017 |

NEW

HANDROP STEPPER

Single channel stepper.
Allows to dispense up to 40 different volumes and up to 48 doses.
Compatible with tips on the next page.
Volumes from 1 μ l to 5 ml can be dispensed.

| code | description | case weight | case volume |
|---------------|-----------------|-------------|-------------|
| 721008 | Handrop Stepper | 0.22 | 0.0013 |

Ripette Pro® mechanical stepper

Very practical to use mechanical stepper.

Compatible with 12 tip sizes and 10 volume adjustments that offers up to 120 program steps.

It is a very easy-to-use product because volume adjustments and dosing volumes for different tips are shown in a vision panel.

Moreover, the dosing button is very easy-moving to dispense the liquid conveniently.

It has an ergonomic and light design.

Compatibility with most market tips.

| code | description | case weight | case volume |
|------|--------------------|-------------|-------------|
| 316N | mechanical stepper | 0.30 | 0.002 |



Ritips® professional

Different capacities. Black graduations.

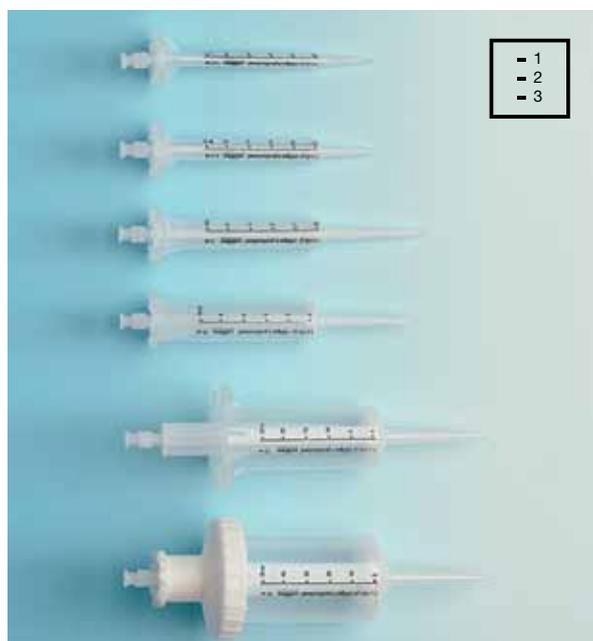
Each box of 25 ml and 50 ml contains a free of charge adapter.

For use (but not limited to)

Biohit® eLine® Lite and Pro, Brand® HandyStep electronic, Eppendorf® Multipette Plus, Eppendorf® Repeater Plus, Multipette Pro, and Multipette 4780, Nichimate® Stepper (Nichiryō®), Gilson® Distriman, StepMate®, Ripette®, etc.

When used with Multipette plus and Multipette Pro the display dispenser is inoperative.

| | code | description | case quantity | case weight | case volume |
|-------------|-----------|----------------------|---------------|-------------|-------------|
| NON STERILE | 317-314.1 | Combitip plus 1.0 ml | 100 | 0.365 | 0.006 |
| | 317-315.1 | Combitip plus 2.5 ml | 100 | 0.478 | 0.006 |
| | 317-316.1 | Combitip plus 5 ml | 100 | 0.511 | 0.006 |
| | 317-317.1 | Combitip plus 10 ml | 100 | 0.617 | 0.006 |
| | 317-318.1 | Combitip plus 25 ml | 25 | 0.413 | 0.006 |
| | 317-319.1 | Combitip plus 50 ml | 25 | 0.511 | 0.006 |



Ritips® standard

Different capacities, standard and sterile models.

Red graduations.

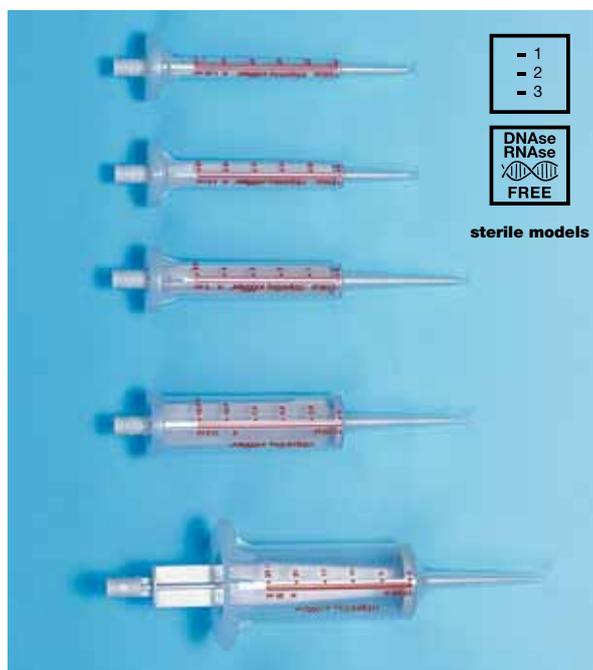
For use (but not limited to)

Eppendorf® Multipette 4780, Brand® Handystep and Handystep Electronic, Nichimate® Stepper, Ripette® and Ripette® GenX, Minilab® 100/101, Stepmate®, Easystep®, Gilson® Distriman®, etc.

Sterile models are **Rnase, Dnase and pyrogen free.**

Individually wrapped.

| | code | description | case quantity | case weight | case volume |
|-------------|-----------|---------------------|---------------------|-------------|-------------|
| NON STERILE | 316-314.1 | Combitip 1,25 ml | 100 | 0.447 | 0.006 |
| | 316-315.1 | Combitip 2,5 ml | 100 | 0.532 | 0.006 |
| | 316-316.1 | Combitip 5 ml | 100 | 0.690 | 0.006 |
| | 316-317.1 | Combitip 12,5 ml | 100 | 0.874 | 0.006 |
| | STERILE | 316-314.2 | ●● Combitip 1,25 ml | 100 | 0.610 |
| 316-315.2 | | ●● Combitip 2,5 ml | 100 | 0.660 | 0.009 |
| 316-316.2 | | ●● Combitip 5 ml | 100 | 0.820 | 0.009 |
| 316-317.2 | | ●● Combitip 12,5 ml | 100 | 1.020 | 0.009 |



Our Pasteur Pipettes are manufactured according to ISO 9001:2000.

POLYETHYLENE Transfer Pipettes

- Sterile and non-sterile
- Low-affinity surface
- Attached bulb avoids cross-contamination
- One-step biohazard disposal
- Shatterproof, low density polyethylene which is non-toxic and inert
- Can be frozen in liquid nitrogen

You can ask for our pipettes in three kinds of presentation:

- **Bag made (steriles or not):** of polyethylene (picture 1).
- **Peel-pack (steriles):** packed individually with its code, lot number and expiration date printed on the paper (picture 2).
- **Flow-pack (steriles):** packed individually with its code, lot number and expiration date printed on polyethylene bag (picture 3).



Used in Lab Procedures with

- Beakers
- Volumetric flasks
- Vials
- Centrifuge tubes
- Cryogenic vials
- Dishes
- Microtiter plates
- Microscope slides

Life Sciences Applications

- Cells in flasks and tubes: large volume, tong pipettes
- Isolating Cells: large aperture pipettes
- Control techniques: narrow stem and fine tip

Industrial Research and Testing

- Chromatography
- Viscous liquid samples and transfers
- Field Testing
- Spectrophotometry Cuvettes
- Reagent Handling

Clinical Applications

- Blood Banking
- Small volume dispensing
- Sedimentation and Storage
- Bottle Sampling
- Slides



Micropipettes

Made in transparent, inert and low density polyethylene. They are used as volume measurers, to incorporate in kits of reagents, pregnancy tests, etc. They can be frozen in liquid nitrogen.

Before use, press the upper bulb, filling all the stem, and the rest remains in the inferior bulb, which it is not due to give.

Volumetrical tolerance: $\pm 10\%$.

| mod. | code | presentation | length mm | dispense volume μl | case weight | case volume |
|------|---------------|--------------|-----------|-------------------------------|-------------|-------------|
| A | 201110 | 500 | 83,0 | 100 | 0.30 | 0.002 |
| B | 201250 | 500 | 102,0 | 250 | 0.39 | 0.005 |



Special purpose pipettes

Made in transparent, inert and low density polyethylene. They can be frozen in liquid nitrogen. Volumetrical tolerance: $\pm 10\%$.

| mod. | code | presentation | length mm | \varnothing stem mm | total capacity ml | bulb draw μl | case weight | case volume |
|------|---------------|--------------|-----------|-----------------------|-------------------|-------------------------|-------------|-------------|
| A | 210030 | 8 x 500 | 130 | 3.8 | 0.5 | 0.2 | 2.9 | 0.023 |
| B | 210005 | 500 | 50 | 1.19 | 1.3 | 1.0 | 1.9 | 0.022 |



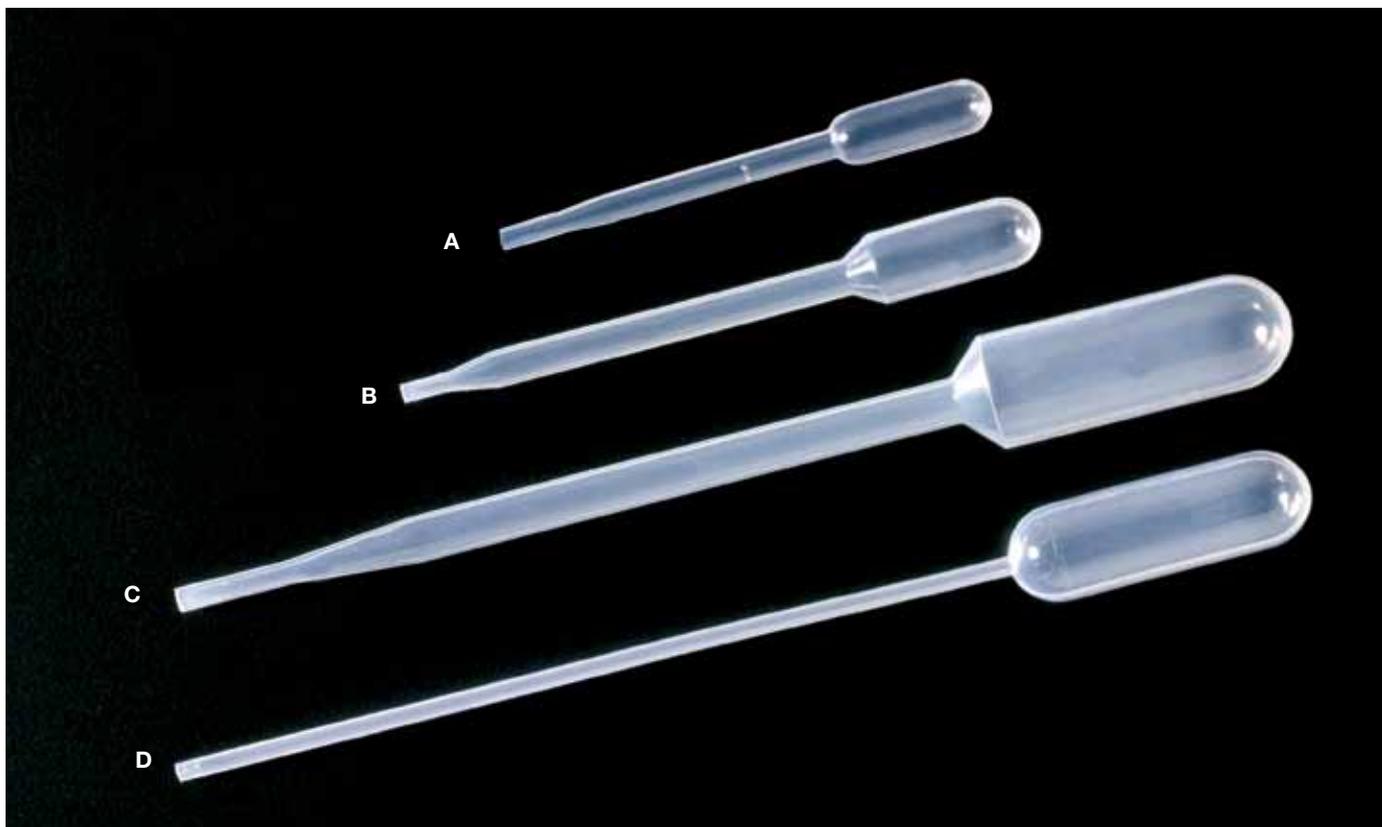
Graduated pipettes

Made in transparent, inert and low density polyethylene.

Sterile models are ethylene oxide sterilized (except codes **200037** and **200034** that are radiation sterilized).

Volumetrical tolerance: $\pm 10\%$.

| mod. | code | presentation | sterile | length mm | Ø stem mm | graduated until ml | total capacity ml | bulb draw ml | graduations ml | case weight | case volume | pallet quantity |
|------|-----------------|--|------------------|-----------|-----------|--------------------|-------------------|--------------|----------------|-------------|-------------|-----------------|
| A | 200002 | 10 x 500 | no | 150 | 7.0 | 2 | 5.0 | 1.8 | 0.50 | 7.86 | 0.099 | 100,000 |
| B | 200006 | 10 x 500 | no | 154 | 7.8 | 3 | 7.0 | 3.2 | 0.50 | 9.50 | 0.098 | 100,000 |
| B | 200062.0 | 10 x 500 bag 20 u. | OXIDE | 160 | 7.8 | 3 | 7.0 | 3.2 | 0.50 | 12.60 | 0.130 | 35,000 |
| B | 200007 | 6 x 500 individually wrapped peel-pack | OXIDE | 154 | 7.8 | 3 | 7.0 | 3.2 | 0.50 | 7.20 | 0.165 | 27,000 |
| B | 200037 | 6 x 500 individually wrapped flow-pack | RADIATION | 154 | 7.8 | 3 | 7.0 | 3.2 | 0.50 | 7.20 | 0.162 | 27,000 |
| C | 200003 | 6 x 500 | no | 154 | 5.0 | 1 | 5.0 | 3.1 | 0.25 | 4.88 | 0.058 | 90,000 |
| C | 200032.0 | 6 x 500 bag 20 u. | OXIDE | 158 | 5.0 | 1 | 5.0 | 3.1 | 0.25 | 6.48 | 0.067 | 48,000 |
| C | 200004 | 6 x 500 individually wrapped peel-pack | OXIDE | 154 | 5.0 | 1 | 5.0 | 3.1 | 0.25 | 7.20 | 0.165 | 27,000 |
| C | 200034 | 6 x 500 individually wrapped flow-pack | RADIATION | 154 | 5.0 | 1 | 5.0 | 3.1 | 0.25 | 7.40 | 0.162 | 27,000 |



General purpose pipettes

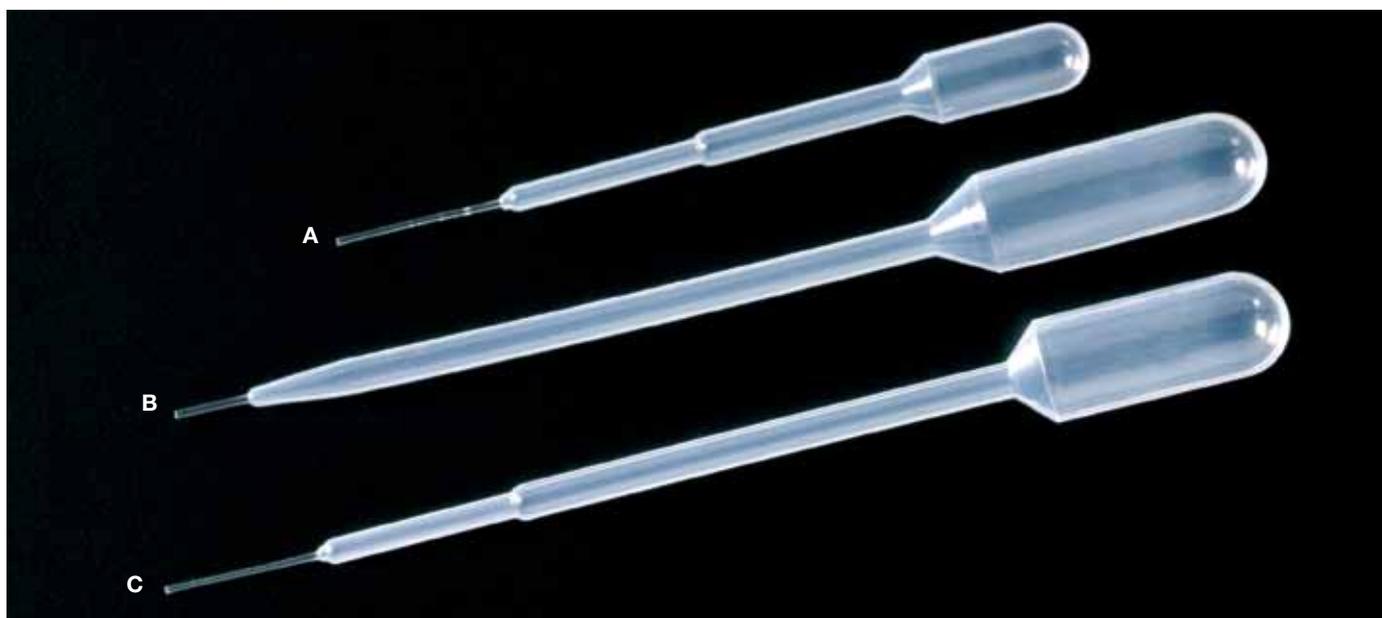
Made in transparent polyethylene.

Model **200038** is sterile by radiation and code **200008** is sterile by ethylene oxide.

Volumetrical tolerance: $\pm 10\%$.

| mod. | code | presentation | sterile | length mm | \varnothing stem mm | total capacity ml | bulb draw ml | case weight | case volume |
|------|---------------|--|------------------|-----------|-----------------------|-------------------|--------------|-------------|-------------|
| A | 200121 | 10 x 1,000 | no | 67 | 3.9 | 1.1 | 0.5 | 4.2 | 0.051 |
| B | 200001 | 8 x 500 | no | 87 | 4.7 | 1.7 | 0.9 | 3.5 | 0.038 |
| C | 200000 | 10 x 400 | no | 150 | 6.3 | 8.0 | 4.6 | 8.7 | 0.096 |
| D | 200005 | 6 x 500 | no | 150 | 2.5 | 4.0 | 3.1 | 4.2 | 0.057 |
| D | 200008 | 6 x 500 individually wrapped peel-pack | OXIDE | 150 | 2.5 | 4.0 | 3.1 | 13.0 | 0.162 |
| D | 200038 | 6 x 500 individually wrapped flow-pack | RADIATION | 150 | 2.5 | 4.0 | 3.1 | 13.0 | 0.162 |



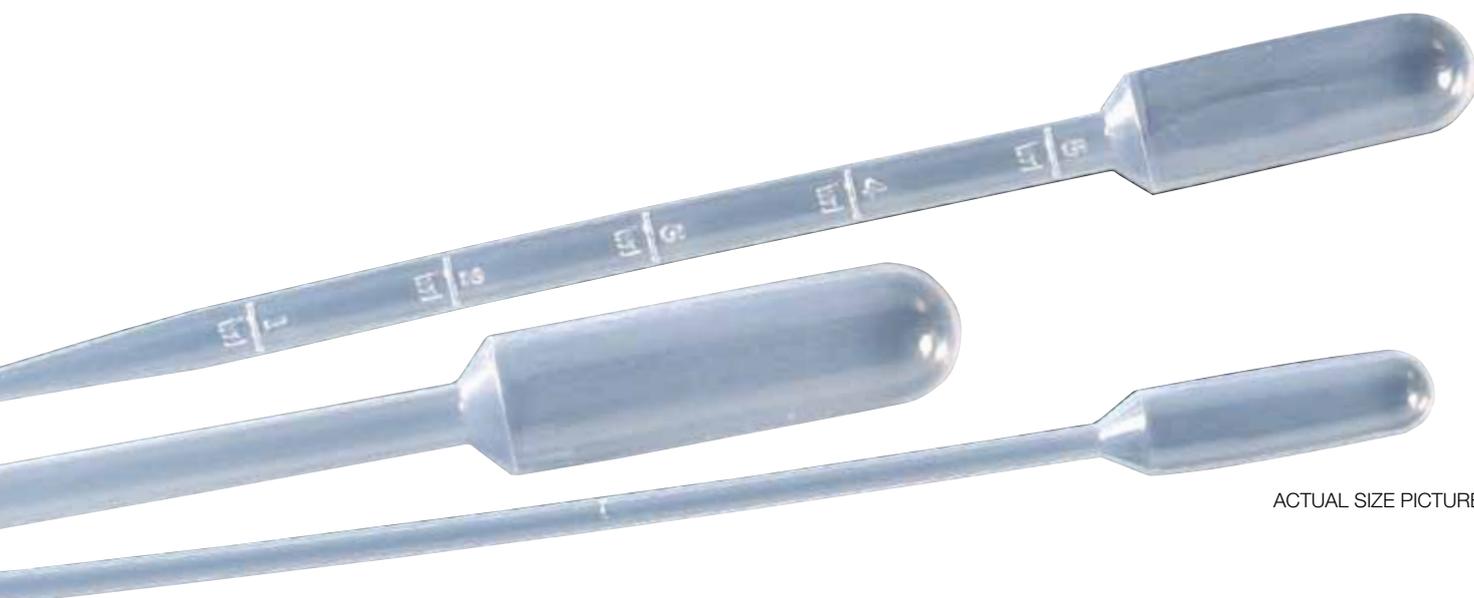


General purpose pipettes

Made in transparent an inert polyethylene.

Sterile models are sterilized by ethylene oxide. Volumetrical tolerance: $\pm 10\%$.

| mod. | code | presentation | sterile | length mm | \varnothing stem mm | total capacity ml | bulb draw ml | case weight | case volume |
|------|--------|------------------------------------|---------|-----------|-----------------------|-------------------|--------------|-------------|-------------|
| A | 210003 | 8 x 400 | no | 104 | 3.0 | 1.5 | 1.0 | 2.4 | 0.022 |
| A | 210023 | 500 individually wrapped peel-pack | OXIDE | 104 | 3.0 | 1.5 | 1.0 | 1.38 | 0.021 |
| B | 210002 | 10 x 500 | no | 144 | 5.0 | 5.0 | 3.3 | 7.2 | 0.099 |
| B | 210022 | 500 individually wrapped peel-pack | OXIDE | 144 | 5.0 | 5.0 | 3.3 | 1.65 | 0.03 |
| C | 210004 | 8 x 250 | no | 153 | 3.0 | 5.5 | 3.0 | 3.30 | 0.042 |
| C | 210024 | 500 individually wrapped peel-pack | OXIDE | 153 | 3.0 | 5.5 | 3.0 | 1.62 | 0.03 |

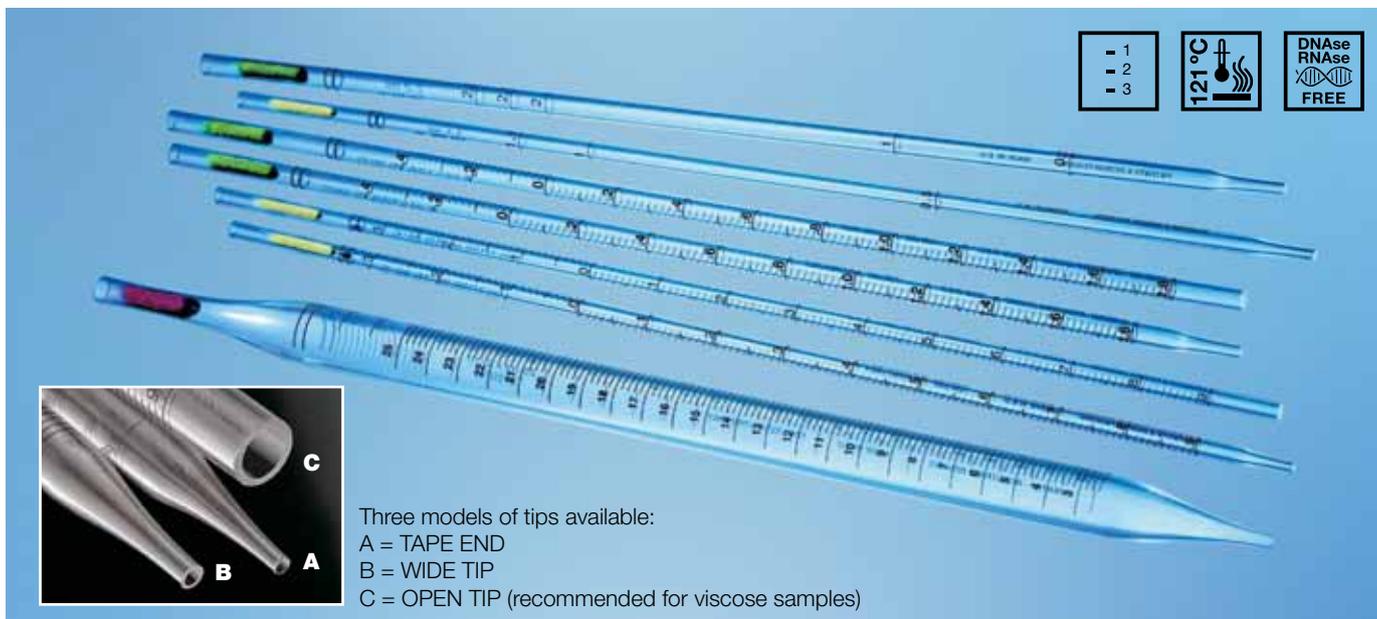


ACTUAL SIZE PICTURE

Extra long pipettes

Made in transparent polyethylene. Model 200050 is graduated each ml up to 5 ml. Volumetrical tolerance: $\pm 10\%$.

| mod. | code | presentation | length mm | \varnothing stem mm | total capacity ml | bulb draw ml | case weight | case volume |
|------|--------|--------------|-----------|-----------------------|-------------------|--------------|-------------|-------------|
| A | 200050 | 10 x 250 | 216 | - | 5.0 | 3.5 | 8.90 | 0.105 |
| B | 200060 | 10 x 100 | 300 | 9.0 | 23.0 | 7.1 | 7.3 | 0.105 |
| C | 210006 | 10 x 400 | 225 | 5.0 | 6.0 | 2.3 | 9.04 | 0.098 |



Three models of tips available:
 A = TAPE END
 B = WIDE TIP
 C = OPEN TIP (recommended for viscose samples)

Sterile serological pipettes

Single use, made of crystal polystyrene. Accuracy > 98 %.

Sterilised by radiation. Made in **one piece** for an optimum precision, except code 90043 (50 ml).

No liquid retention: as tip is not sealed, liquid is not held at the joint. Total dispensing guaranteed.

Non pyrogenic (ISO 10993-11), non cytotoxic (ISO 10993-5) and non haemolytic (ISO 10993-4). **DNase and RNase free.** Volumes range from 1 to 50 ml. Pipettes include a coloured cotton plug for better identification. The peel-pack have a **fiber-free** packaging including a strip for easy opening. Black graduations are bright, black and **permanent**. 5, 10 and 25 ml models have negative graduations for extra capacity, and a second reverse scale (ascending and descending).

| code | capacity ml | presentation | cotton colour | case quantity | tip | graduation ml | negative graduation ml | total capacity ml | case weight | case volume | cases per pallet |
|--------------------|-------------|--------------|---------------|---------------|-----|---------------|------------------------|-------------------|-------------|-------------|------------------|
| 900030 | 1 | 1 peel pack | ● | 4 x 500 | A | 0/0.9 | until -0.3 | 1.3 | 10.00 | 0.068 | 24 |
| 900031 | 1 | bag of 25 | ● | 4 x 1,000 | A | 0/0.9 | until -0.3 | 1.3 | 14.52 | 0.071 | 30 |
| 900130 | 1 | 1 peel pack | ● | 4 x 500 | C | 0/0.9 | until -0.3 | 1.3 | 10.10 | 0.071 | 30 |
| 900131 | 1 | bag of 25 | ● | 4 x 1,000 | C | 0/0.9 | until -0.3 | 1.3 | 14.00 | 0.071 | 25 |
| 900032 | 2 | 1 peel pack | ● | 4 x 500 | A | 0/1.8 | until -0.4 | 2.4 | 11.60 | 0.068 | 30 |
| 900033 | 2 | bag of 25 | ● | 4 x 1,000 | A | 0/1.8 | until -0.4 | 2.4 | 17.20 | 0.071 | 30 |
| 900034 | 5 | 1 peel pack | ● | 4 x 250 | A | 0/4 | until -3 | 8 | 12.20 | 0.071 | 24 |
| 900038 | 5 | bag of 25 | ● | 4 x 375 | A | 0/4 | until -3 | 8 | 15.00 | 0.071 | 30 |
| NEW 900144N | 5 | 1 peel pack | ● | 4 x 125 | B | 0/4 | until -3 | 8 | 7.00 | 0.066 | 30 |
| NEW 900134N | 5 | 1 peel pack | ● | 4 x 250 | C | 0/4 | until -3 | 8 | 7.20 | 0.071 | 30 |
| 900036 | 10 | 1 peel pack | ● | 4 x 200 | A | 0/9 | until -3 | 13 | 11.07 | 0.071 | 24 |
| 900037 | 10 | bag of 25 | ● | 4 x 250 | A | 0/9 | until -3 | 13 | 13.08 | 0.071 | 30 |
| NEW 900146N | 10 | 1 peel pack | ● | 4 x 200 | B | 0/9 | until -3 | 13 | 7.86 | 0.067 | 30 |
| NEW 900136N | 10 | 1 peel pack | ● | 200 | C | 0/9 | until -3 | 13 | 8.20 | 0.071 | 30 |
| 900041 | 25 | 1 peel pack | ● | 4 x 100 | A | 0/23 | until -10 | 35 | 11.20 | 0.071 | 24 |
| 900043 | 50 | 1 peel pack | ● | 4 x 25 | A | 1/2 | until -10 | 60 | 2.50 | 0.018 | 60 |

Find trays, rotary stands and other products for pipettes in Chapter 11. **Hygiene and safety**





Pipetting bulb

Made of rubber. Used to avoid mouth pipetting and contamination risk. Can be opened, cleaned and **autoclaved**. Ideal for Wintrobe and Westergren pipettes.

| code | description | bag quantity | bag weight | bag volume |
|-------|--------------------|--------------|------------|------------|
| 19201 | red pipetting bulb | 1 | 0.03 | 0.001 |



Pipette pumps

Several models for various pipette volumes. Designed for fast and efficient pipetting with simple, one handed operation. Pipettes fit smoothly into collar. Rotate the knurled thumb wheel on the side for precision filling or dispensing, and press the fast release lever for quick emptying. Easy to use and easily disassembled for cleaning. Sizes are colour coded. Pipette pumps resist acids and alkalis. Attention: New models coming soon.

| code | description | colour | bag quantity | bag weight | bag volume |
|-------|-------------|--------|--------------|------------|------------|
| W-100 | up to 2 ml | blue | 1 | 0.05 | 0.0001 |
| W-110 | up to 10 ml | green | 1 | 0.05 | 0.0001 |
| W-120 | up to 25 ml | red | 1 | 0.05 | 0.0001 |



See our Chapter 9. **Sample storage**



See our Chapter 11. **Hygiene and Safety**





Non graduated serological pipettes. Sterile

Single use, made in polystyrene, without graduation. In sterile packing by radiation.

DNase and RNase free, non cytotoxic, non haemolytic, apyrogen. Without cotton.

Standard tip, see picture (A) at the page 194.

Suitable for Integra VacuSafe Comfort and others.

Dimensions:

External tip diameter, between 5.45 - 5.7 mm, internal diameter tip end: between 1.8 - 2.2 mm.

| code | capacity ml | presentacion | case quantity | case weight | case volume |
|----------|-------------|----------------|---------------|-------------|-------------|
| 900032.1 | 2 | peel pack de 1 | 4 x 500 | 11.30 | 0.071 |



Sterile single use Straw-like pipettes

Single use straw-like non graduated pipettes, ideal for food industry use. In polyethylene.

Suitable for automatic pipettes. **Sterilized** by radiation.

Packaged in flow packs of 25 units.

Outer diameter: 4.35 mm. Inner diameter: 3.65 mm.

| code | capacity ml | length mm | case quantity | case weight | case volume |
|--------|-------------|-----------|---------------|-------------|-------------|
| 900050 | 1.0 | 190 | 40 x 25 | 1.19 | 0.007 |

Pipette trays

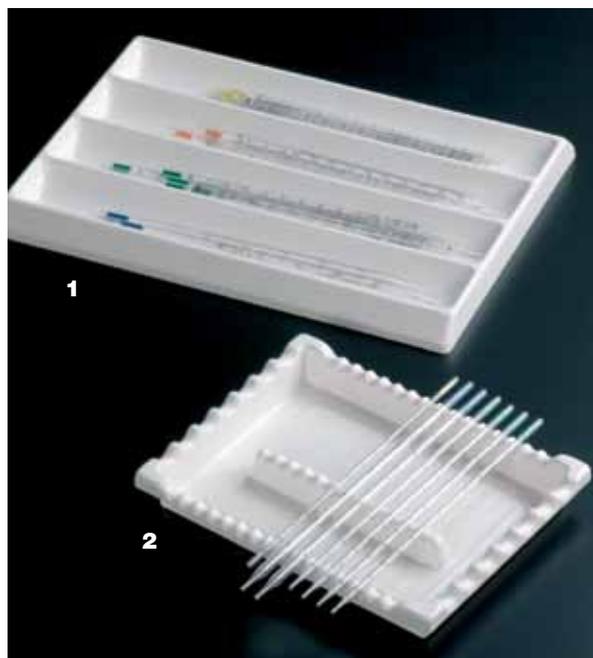
Made of white PVC.

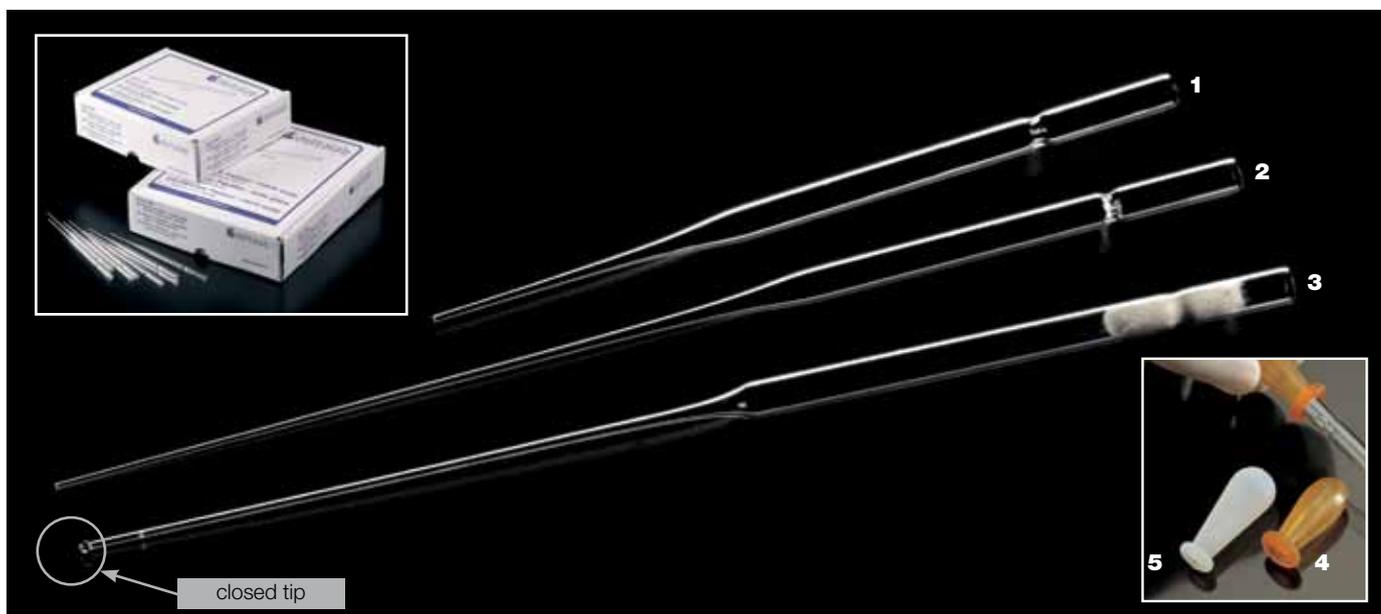
Resistant to temperatures from **-20 °C to 80 °C**.

Model 1, code **19252**, is perfect to fit inside drawers. It includes four compartments that can hold up to thirty pipettes of 1, 2, 5, or 10 ml.

Model 2, code **19996**. Sixteen pipettes up to 10 mm diameter can be accommodated longitudinally; laterally, seven pipettes up to 20 mm diameter. Tray edges are ergonomically designed for a better handling. It is also useful with other instruments.

| mod. | code | dimensions mm | case quantity | case weight | case volume |
|------|-------|----------------|---------------|-------------|-------------|
| 1 | 19252 | 426 x 300 x 30 | 1 | 0.53 | 0.006 |
| 2 | 19996 | 283 x 216 x 40 | 6 | 1.38 | 0.017 |





Glass Pasteur pipettes, open mouth

Soda glass. Dimensions: Ø mouth: 6.95 ± 0.15 mm; Ø tip: 1.2 ± 0.15 mm; 0.53 ± 0.03 thick.

| mod | code | total length mm | stem length mm | case quantity | case weight | case volume |
|-----|------------|-----------------|----------------|---------------|-------------|-------------|
| 1 | 701 | 150 | 59 | 4 x 250 | 3.33 | 0.012 |
| 2 | 702 | 230 | 130 | 4 x 250 | 3.50 | 0.016 |

Glass Pasteur pipettes, closed tip

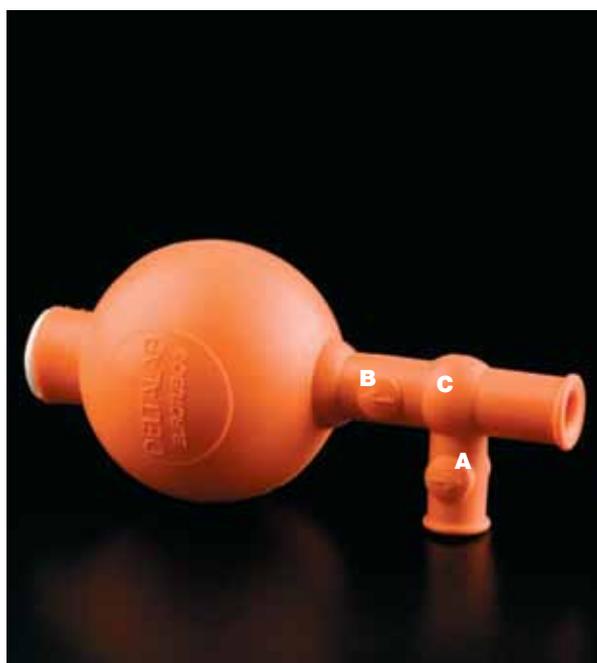
Made of neutral soda glass, with the tip closed and cotton in the mouth. Easy opening of the closed part by pushing it slightly. Dimensions: mouth: 7.00 mm; tip: 1.4 to 1.6 mm; thickness: 0.50 mm.

| mod | code | total length mm | stem length mm | case quantity | case weight | case volume |
|-----|------------|-----------------|----------------|---------------|-------------|-------------|
| 3 | 712 | 230 | 130 | 4 x 250 | 4.00 | 0.015 |

Pipetting bulbs

Designed for pipetting with plastic and glass pipettes.

| mod | code | material | total length mm | Ø max. mm | capacity pipetting ml | bag quantity | bag weight | bag volume |
|-----|--------------|----------|-----------------|-----------|-----------------------|--------------|------------|------------|
| 4 | 19194 | latex | 35 | 14 | 2 | 100 | 0.15 | 0.0007 |
| 5 | 19195 | silicone | 40 | 15 | 1,5 - 1,8 | 50 | 0.26 | 0.0014 |



EUROTUBO® Pipetting bulb

This one-handed design is the simplest safety pipette filler to use available. Manufactured in natural orange rubber.

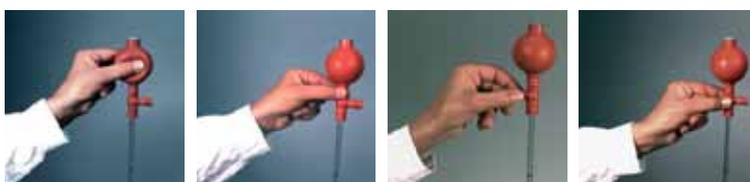
Approx. drawn capacity: 25 ml.

Single hand use, only two operating points.

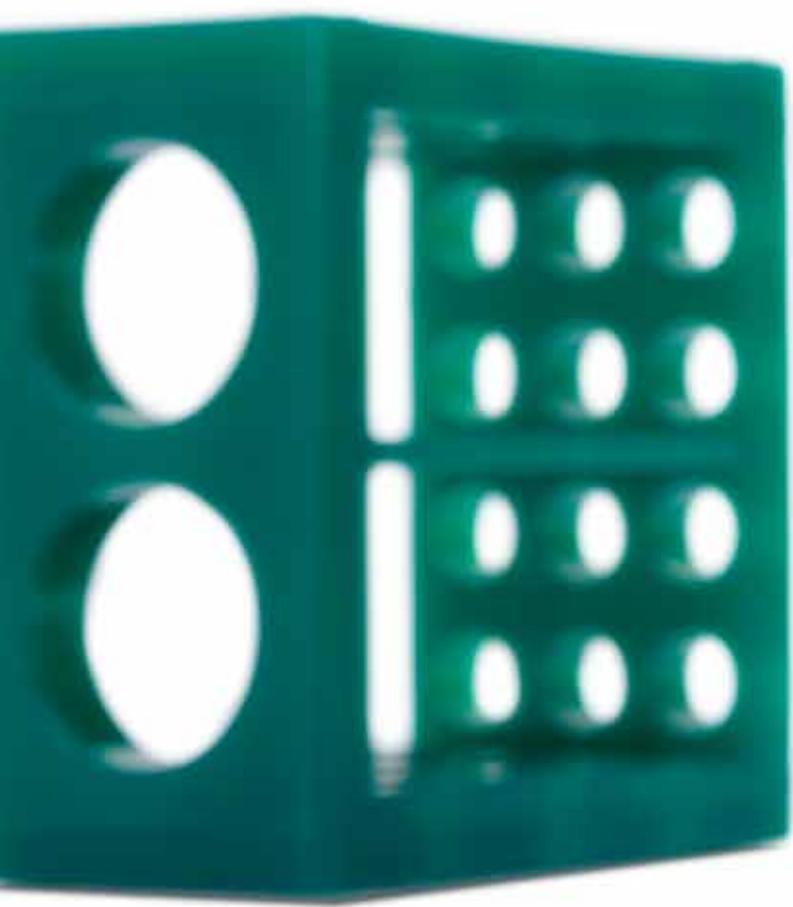
Evacuate via the automatic valve.

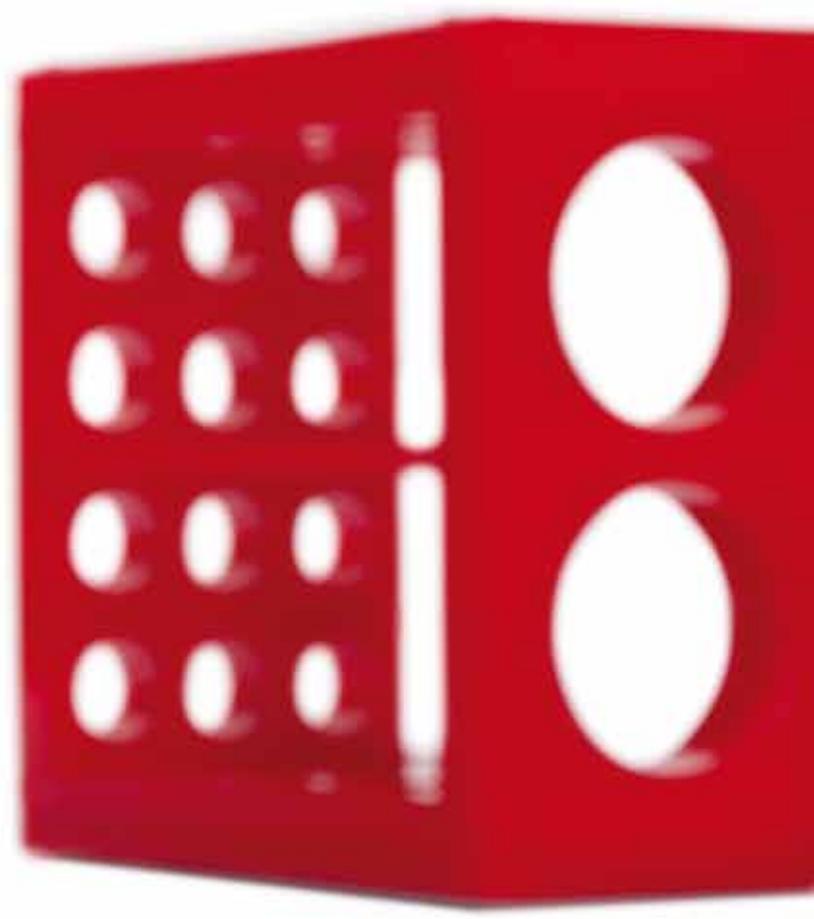
Standard model, accommodates all pipettes. Ability to clean inside of bulb by removing patented valve and rinsing out.

| code | description | bag quantity | bag weight | bag volume |
|--------------|----------------|--------------|------------|------------|
| 19200 | pipetting bulb | 1 | 0.10 | 0.002 |



1. Evacuate the air by pressing the bulb, as the drawing indicates.
2. Intake by pressing on point B (↑)
3. Drain the liquid by pressing on point A (↓)
4. Blow out the pipette by pressing as the drawing indicates (point C).







Polycarbonate racks for cryovials

These racks provide ultra low temperature storage (**from $-196\text{ }^{\circ}\text{C}$ to $121\text{ }^{\circ}\text{C}$**), holding 2 or 5 ml cryovials (depending on the model). Compatible with other storage systems, they can be sterilised using **autoclave** protocols. They can also be immersed in liquid nitrogen, where its design means minimal issues with excess liquid on their removal.

| code | capacity* | colour | | dimensions mm | max. tubes capacity | max. tubes height | case quantity | case weight | case volume |
|----------------|-----------|--------|---|----------------|---------------------|-------------------|---------------|-------------|-------------|
| M-061NA | 25 | orange | D | 75 x 75 x 52 | 2 ml | 48 | 5 | 0.33 | 0.003 |
| M-061AM | | yellow | E | | | | 5 | 0.33 | 0.003 |
| M-062B | 81 | blue | | 132 x 132 x 53 | 2 ml | 48 | 5 | 1.02 | 0.006 |
| M-062R | | red | C | | | | 5 | 1.02 | 0.006 |
| M-063B | 81 | blue | B | 132 x 132 x 95 | 5 ml | 93 | 5 | 1.36 | 0.010 |
| M-063R | | red | | | | | 5 | 1.36 | 0.010 |
| M-064V | 100 | green | A | 132 x 132 x 53 | 2 ml | 48 | 5 | 0.90 | 0.006 |
| M-064AM | | yellow | | | | | 5 | 0.90 | 0.006 |

* The capacity of codes M-064V and M-064AM is halved when used with capped cryovials with external threads.

Polystyrene racks for cryovials

Made of polystyrene, those boxes are designed to hold 1 and 2 ml cryovials at temperatures from **$-80\text{ }^{\circ}\text{C}$ to $80\text{ }^{\circ}\text{C}$** . Stackable.

Boxes with white base and numbered inner rack. Boxes are stackable and have air vents.

Covers are keyed to the base to prevent misalignment.

Each box is supplied with an innovate vial picker for easy vial removal.

Dimensions: 133 x 133 x 52 mm.

Capacity: 100.

Ø wells: 12.8 mm.

| code | colour | capacity | case quantity | case weight | case volume |
|----------------|--------|----------|---------------|-------------|-------------|
| M-036B | blue | 81 | 4 | 0.62 | 0.0045 |
| M-036P | pink | 81 | 4 | 0.62 | 0.0045 |
| M-036AM | yellow | 81 | 4 | 0.62 | 0.0045 |





Polycarbonate racks for cryovials

Made of extra strong polycarbonate, these boxes are designed to be used at temperatures between **-190 °C** and **121 °C** and are **autoclavables**. Racks can hold either 81 or 100 tubes from 1 ml to 5 ml.

They can be immersed in liquid nitrogen. Transparent covers are printed with an alphanumeric grid.

Boxes made to accept 81 tubes have a white base and a coloured grid (in which each well is numbered) (A type).

Boxes made to accept 100 tubes* have a coloured base, with each place numbered in the lid, instead of a grid (B type).

Each box is supplied with an innovative vial picker for easy vial removal (see C).

Boxes are stackable and have air vents.

Covers are keyed to the base to prevent misalignment.

| code | colour | case quantity | case weight | case volume |
|---|--------|---------------|-------------|-------------|
| For 1.2 and 2 ml cryovials. 81 holes. Dimensions: 133 x 133 x 52 mm | | | | |
| M-033AM | yellow | 4 | 0,73 | 0,0043 |
| M-033R | red | 4 | 0,73 | 0,0043 |
| M-033V | green | 4 | 0,73 | 0,0043 |
| For 3.4 and 5 ml cryovials. 81 holes. Dimensions: 133 x 133 x 95 mm | | | | |
| M-034AM | yellow | 10 | 2,28 | 0,020 |
| M-034R | red | 10 | 2,28 | 0,020 |
| M-034V | green | 10 | 2,28 | 0,020 |
| For 1.2 and 2 ml cryovials. 100 holes. Dimensions: 133 x 133 x 52 mm | | | | |
| M-035AM | yellow | 4 | 0,72 | 0,0043 |
| M-035R | red | 4 | 0,72 | 0,0043 |
| M-035V | green | 4 | 0,72 | 0,0043 |

* The capacity of codes M-035AM, M-035R and M-035V, is halved when used with capped cryovials with external threads.



Polycarbonate rack for cryovials

Made of polycarbonate, this box is designed to store up to 42 cryovials (10 ml, code 401410) at temperatures between **-190 °C** and **121 °C**.

Autoclavable and stackable.

Transparent cover is printed with the indication of the well number from 1 to 42. White base and blue grid, with numbered wells.

They can be immersed in liquid nitrogen.

Upon removal of the bath, excess liquid is discharged through vents incorporated.

Cover is keyed to the base to prevent misalignment.

Dimensions: 133 x 133 x 95 mm

| code | description | case quantity | case weight | case volume |
|---------------|-----------------------------|---------------|-------------|-------------|
| M-036A | PC rack for 10 ml cryovials | 5 | 1.22 | 0.010 |

Rack 9x9 height 45

Polypropylene rack. Dimensions with lid: 133 x 133 x 45 mm.
Available in fluorescent colours with transparent lid to help identification.
It resists -196 °C and is **autoclavable** up to **121 °C**.
Sections will hold 81 microtubes (0.5, 1.5 or 2 ml) or cryotubes (1.2 ml) up to 12 mm diameter and 42 mm height.
The capacity is reduced when storing external screw cryotubes.
It embodies an alpha numeric grid printed on the base and over the upper rims for a clearer identification of samples.

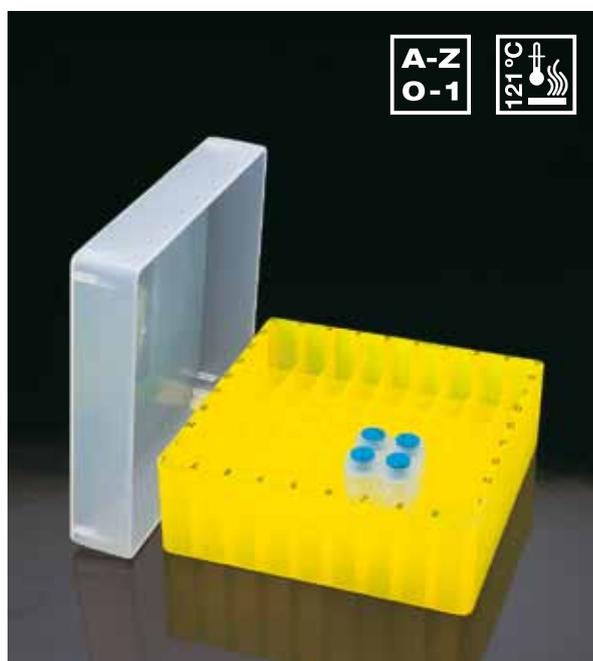
| Suitable with tubes: | | | | | | |
|----------------------|----------|----------|--------|--------|---------|---------|
| 200400 | 200401 | 200405 | 200407 | 200410 | 4092.2N | 4092.5N |
| 4092.6N | 4092.6NS | 409001 | | | | |
| code | colour | quantity | weight | volume | | |
| M-020AM | yellow | 1 | 0.17 | 0.0011 | | |
| M-020N | natural | 1 | 0.17 | 0.0011 | | |
| M-020R | red | 1 | 0.17 | 0.0011 | | |
| M-020V | green | 1 | 0.17 | 0.0011 | | |



Rack 9x9 height 50

Polypropylene rack.
Dimensions with lid: 133 x 133 x 53 mm.
Available in fluorescent colours with transparent lid to help identification.
Resists -196° C and is **autoclavable** up to **121 °C**.
Sections will hold 81 microtubes (0.5, 1.5 or 2 ml) or cryotubes (1.2 or 2 ml) up to 12.5 mm diameter and 50 mm height.
The capacity is reduced when storing external screw cryotubes.
It embodies an alpha numeric grid printed on the base and over the upper rims for a clearer identification of samples.

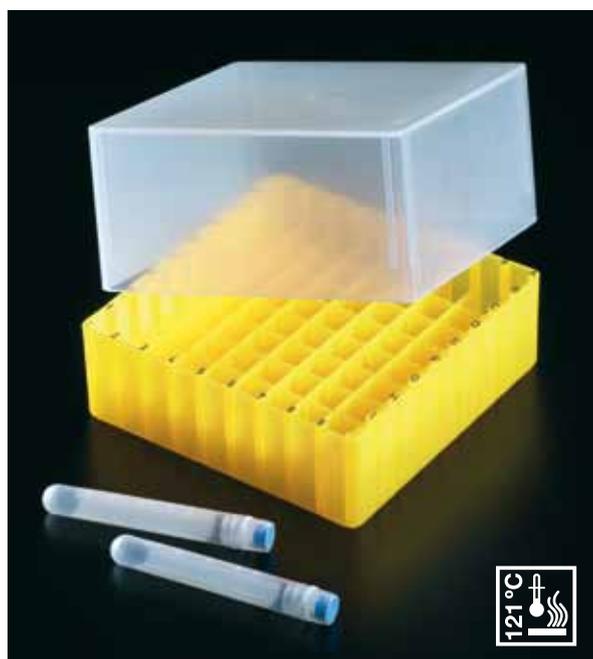
| Suitable with tubes: | | | | | | |
|----------------------|----------|----------|---------|----------|--------|--------|
| 200400 | 4092.2N | 4092.5N | 4092.6N | 4092.6NS | 409001 | 409002 |
| 409002.1 | 409110.1 | 409111/2 | | | | |
| code | colour | quantity | weight | volume | | |
| U-9950CAM | yellow | 1 | 0.19 | 0.0011 | | |
| U-9950CN | natural | 1 | 0.11 | 0.0011 | | |
| U-9950CNA | orange | 1 | 0.11 | 0.0011 | | |
| U-9950CR | red | 1 | 0.11 | 0.0011 | | |
| U-9950CV | green | 1 | 0.11 | 0.0011 | | |



Rack 9x9 height 95

Polypropylene rack. It can be frozen down to **-196 °C**, and **autoclaved** up to **121 °C**.
Dimensions with lid: 133 x 133 x 95 mm
Available in fluorescent colors with translucent-transparent lid.
Ideal for 4 or 5 ml cryotubes.
81 sections will hold microcontainers up to 12 mm diameter and 93 mm high: screw cap microtubes, cryovials (even those of 4 and 5 ml), snap cap microtubes, and short-medium sized tubes.

| Suitable with tubes: | | | | | | |
|----------------------|---------|--------------|------------|------------|--------|--------|
| 300300 | 300500 | 300700 | 300800 | 300800.2 | 400500 | 400700 |
| 400800 | 401100 | | | | | |
| code | colour | bag quantity | bag weight | bag volume | | |
| U-9581N | natural | 1 | 0.23 | 0.0026 | | |





Rack 8x8 round hole height 45

Polypropylene rack, **autoclavable** up to **121 °C**.

Dimensions with lid: 133 x 133 x 53 mm.

Available in fluorescent colours with transparent lid to help identification.

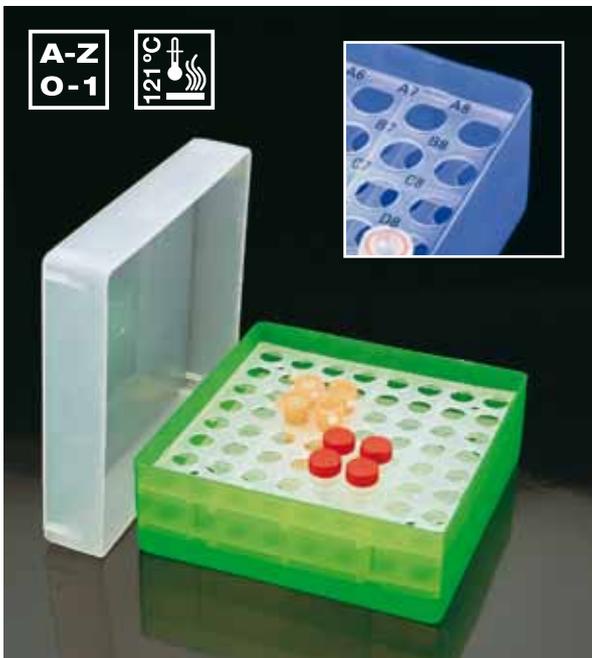
Resists -196° C.

Sections will hold 64 microtubes (0.5, 1.5 or 2 ml) or cryotubes (1.2 ml) up to 11 mm diameter and 42 mm height.

Alphanumeric identification.

| Suitable with tubes: | | | | | | |
|----------------------|----------|---------|---------|---------|----------|--------|
| 4092.1N | 4092.1NS | 4092.2N | 4092.5N | 4092.6N | 4092.6NS | 200400 |
| 409111/1 | | | | | | |

| code | colour | quantity | weight | volume |
|---------|---------|----------|--------|--------|
| U-8845A | blue | 1 | 0.15 | 0.0009 |
| U-8845N | natural | 1 | 0.15 | 0.0009 |



Rack 8x8 round hole height 50

Polypropylene rack, **autoclavable** up to **121 °C**.

Dimensions with lid: 133 x 133 x 53 mm.

Available in fluorescent colours with transparent lid to help identification.

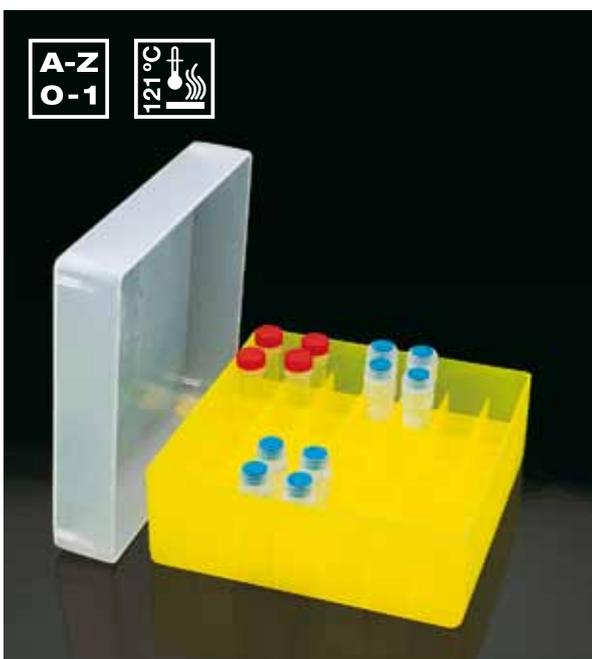
Resists -196° C.

Sections will hold 64 microtubes (0.5, 1.5 or 2 ml) or cryotubes (1.2 or 2 ml) up to 11 mm diameter and 50 mm height.

Alphanumeric identification.

| Suitable with tubes: | | | | | | |
|----------------------|----------|----------|----------|----------|----------|----------|
| 200400 | 408003 | 409110.1 | 409110.2 | 409110.3 | 409110.4 | 409110.5 |
| 409111/1 | 409111/2 | 409111/3 | 409111/4 | 409111/5 | 409111/6 | 4092.2N |
| 4092.5N | 4092.6N | 4092.6NS | | | | |

| code | colour | quantity | weight | volume |
|----------|---------|----------|--------|--------|
| U-8850A | blue | 1 | 0.15 | 0.0011 |
| U-8850N | natural | 1 | 0.15 | 0.0011 |
| U-8850NA | orange | 1 | 0.15 | 0.0011 |



Rack 7x7 height 50

Polypropylene rack, **autoclavable** up to **121 °C**.

Dimensions with lid: 133 x 133 x 53 mm.

Available in fluorescent colours with transparent lid to help identification.

Resists -196° C.

Sections will hold 49 microtubes (0.5, 1.5 or 2 ml), cryotubes (1.2 or 2 ml), or low volume tubes, up to 16 mm diameter and 50 mm height.

| Suitable with tubes: | | | | | |
|----------------------|----------|----------|----------|----------|--|
| 409002 | 409002.1 | 409104.1 | 409106.1 | 409106.2 | |

| code | colour | quantity | weight | volume |
|----------|---------|----------|--------|--------|
| U-7750A | blue | 1 | 0.15 | 0.0011 |
| U-7750AM | yellow | 1 | 0.15 | 0.0011 |
| U-7750N | natural | 1 | 0.15 | 0.0011 |

Freezing cardboard storage box, pre-assembled compartments

Designed for storage and preservation of frozen samples.
Made of white treated cardboard and covered by special white paper hand-stuck and hand-assembled for a better quality.
Pre-assembled compartments.

Resist temperatures up to -100 °C. Ideal for microtubes and cryovials.

There are alphanumeric identifications printed on each box.

Suitable for the racks of freezer chests.

The models **M-600** and **M-610** are silk screen printed on the base and lid.

The other models have no printings.

These box can be custom-designed made, ask to our commercial department.

| code | external dimensions mm | grid num. | Ø holes mm | case quantity | case weight | case volume |
|--------------|------------------------|-----------|------------|---------------|-------------|-------------|
| M-600 | 150 x 150 x 55 | 10 x 10 | 12 | 10 | 1.91 | 0.021 |
| M-610 | 150 x 150 x 100 | 10 x 10 | 12 | 10 | 2.66 | 0.043 |
| M-607 | 134 x 134 x 47 | 10 x 10 | 10 | 10 | 1.50 | 0.013 |
| M-606 | 134 x 134 x 57 | 10 x 10 | 10 | 10 | 1.50 | 0.013 |
| M-603 | 134 x 134 x 75 | 9 x 9 | 12 | 10 | 2.30 | 0.020 |
| M-604 | 134 x 134 x 79 | 9 x 9 | 12 | 10 | 2.35 | 0.020 |



Rack 10x10 height 37

Polypropylene rack.

Dimensions with lid: 133 x 133 x 37 mm.

Available in fluorescent colours with transparent lid to help identification.

Resists -196 °C and autoclavable up to 121 °C. Sections will hold 100 microtubes up to 10 mm diameter and 34 mm height.

| Suitable with tubes: | | | | | |
|----------------------|-----------------|---------------|--------|---------|--|
| code | colour | quantity | weight | volume | |
| 4092.1N | 4092.1NS | 900117 | | | |
| U-0537A | blue | 1 | 0.12 | 0.00062 | |
| U-0537N | natural | 1 | 0.12 | 0.00062 | |
| U-0537NA | orange | 1 | 0.12 | 0.00062 | |



Rack 4x4 height 45

Polypropylene rack.

Dimensions with lid: 67 x 67 x 45 mm.

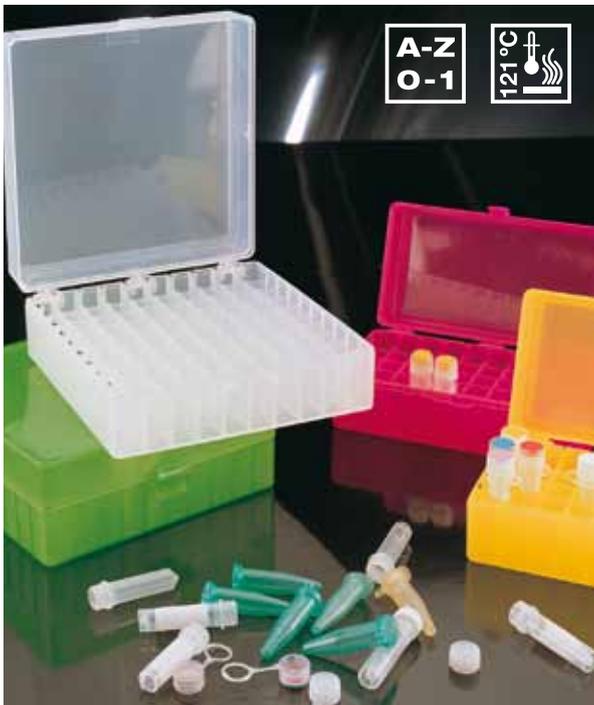
Available in fluorescent colors with transparent lid. It can be frozen up to **-196 °C**, and **autoclaved up to 121 °C**.

16 sections (15x15 mm) will hold screw cap microtubes (range **409110.1** for example), cryovials (as code **409001**), snap cap microtubes (see codes **200400** or **4092.2N**), and short tubes (codes **300500**, **400500**, **401100**).

Black color rack includes a black lid and is perfect to store light sensitive samples; it can be combined with our opaque microtubes (range **409113.1**) It may be used with taller tubes as the lid lies on their caps (up to 60 mm high).

| code | colour | bag quantity | bag weight | bag volume |
|-----------------|---------|--------------|------------|------------|
| U-4445N | natural | 5 | 1.17 | 0.0012 |
| U-4445A | blue | 5 | 1.17 | 0.0012 |
| U-4445AM | yellow | 5 | 1.17 | 0.0012 |
| U-4445NE | black | 5 | 1.17 | 0.0012 |





Racks with lid

Polypropylene rack, **autoclavable** and designed for storage of samples down to **-90 °C**. The lid is jointed to the rack by hinges. Available in fluorescent colours.

The racks are alphanumericly matrixed and are designed for 1.5 and 2 ml microtubes or 2.0 ml cryotubes; and we can supply two different models which can accommodate 50 and 100 tubes respectively.

Dimensions: 71 x 153 x 53 mm (50 wells).
140 x 153 x 53 mm (100 wells).

| code | colour | holes | case quantity | case weight | case volume |
|--------------|-------------|-------|---------------|-------------|-------------|
| M-500 | natural | 50 | 20 | 2.48 | 0.020 |
| M-501 | neon green | 50 | 20 | 2.48 | 0.020 |
| M-502 | neon pink | 50 | 20 | 2.48 | 0.020 |
| M-503 | neon yellow | 50 | 20 | 2.48 | 0.020 |
| M-510 | natural | 100 | 20 | 4.14 | 0.028 |
| M-511 | neon green | 100 | 20 | 4.14 | 0.028 |
| M-512 | neon pink | 100 | 20 | 4.14 | 0.028 |
| M-513 | neon yellow | 100 | 20 | 4.14 | 0.028 |

Minimum order quantity: 5 and multiples of 5 up to 20. From 20, multiples of 20.



Microtube racks with lift-off telescopic lid

Made of **autoclavable** polypropylene, those racks are designed for long-term storage of samples at temperatures down to **-90 °C**.

Model **M-450** can accommodate 50 microtubes of 0.5 ml (hole diameter 10 mm).

Model **M-410** can accommodate 50 microtubes of 1.5/2.0 ml (hole diameter 12 mm).

Lids have a moulded-in alphanumeric location identification system with a clear centre panel for easy tube viewing.

Four frosted side panels and a frosted rim on the edges of the lid provide additional labeling options.

| code | dimensions mm | case quantity | case weight | case volume |
|--------------|-----------------------|---------------|-------------|-------------|
| M-450 | 120 x 60, height 37,5 | 5 | 0.47 | 0.0021 |
| M-410 | 140 x 73, height 37,5 | 5 | 0.56 | 0.0035 |



Microtube storage racks in hinged boxes

Made of white polypropylene. Designed to hold 24 or 48 microtubes or cryovials of 1.5/2.0 ml sizes.

Tubes are presented on four levels for better sample viewing.

Each well is numbered.

Model M-052 consists of one 24 hole-rack supplied in a white hinged box with transparent cover; model **M-053** consists of two 24-hole racks, also housed in a white hinged box with transparent cover.

Racks are removable from boxes and are stackable.

They float in water bath and can incorporate dry ice for use with frozen samples on the bench.

Fully autoclavable (**121 °C**) and freezable down to **-90 °C**.

Dimensions: **M-052**: 120 x 85 x 60 mm.

M-053: 235 x 85 x 60 mm.

| code | description | case quantity | case weight | case volume |
|--------------|------------------------|---------------|-------------|-------------|
| M-052 | rack for 24 microtubes | 10 | 1.34 | 0.0089 |
| M-053 | rack for 48 microtubes | 5 | 0.74 | 0.0087 |

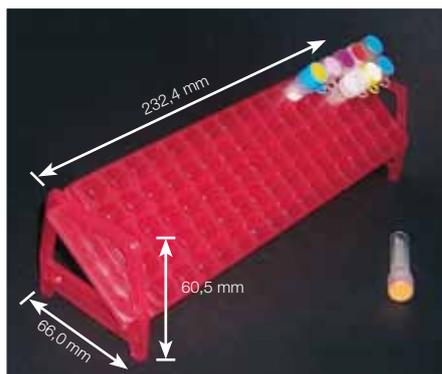
Reversible racks with removable handles

Made of polypropylene, **autoclavable** up to **121 °C**.

The racks have two sides for different tubes: one side holds up to 80 tubes of 12 mm diameter (for example 10 x 75 mm or 12 x 75 mm tubes, microtubes, etc.) and the other side holds up to 60 microtubes or PCR (8 mm Ø, 0.2 or 0.5 ml).

By removing the handles, units can be firmly anchored laterally to one another and more units can be added on top of each other, thanks to small pins supplied with the racks.

| code | colour | case quantity | case weight | case volume |
|----------------|--------|---------------|-------------|-------------|
| M-563A | blue | 10 | 1.60 | 0.008 |
| M-563NA | orange | 10 | 1.60 | 0.008 |
| M-563P | pink | 10 | 1.60 | 0.008 |



80 well racks

Made of **autoclavable** polypropylene, those racks are designed for freezer storage and are rated to **-80 °C**.

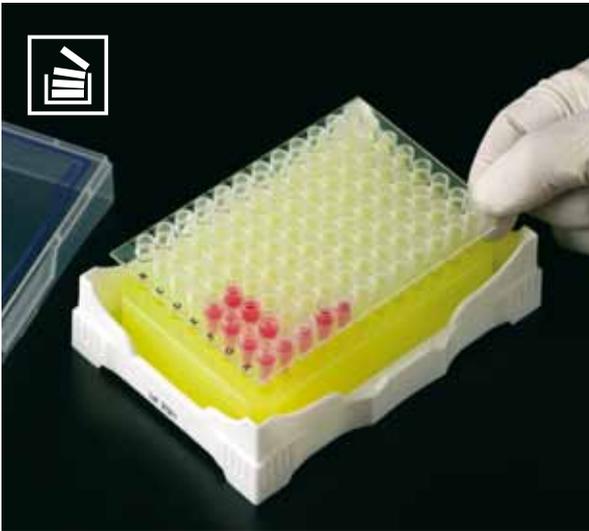
Racks are designed to accommodate microtubes of diameter up to 11 mm. They are space-saving, as they feature 80 wells in a 5 x 16 configuration. An alpha-numeric matrix allows accurate sample identification.

Lateral handles allow easy handling of the racks. Racks can be used alone or placed into the box **M-011.1** (made of translucent plastic).

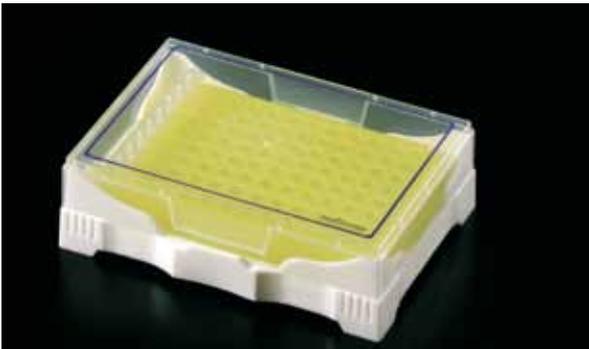
Racks are compatible with the Gilson FC80 dispenser, for example.

| code | description | dimensions mm | case quantity | case weight | case volume |
|----------------|--------------|---------------|---------------|-------------|-------------|
| M-010.1 | yellow rack | 225 x 65 x 27 | 5 | 0.85 | 0.0022 |
| M-010.2 | natural rack | 225 x 65 x 27 | 5 | 0.85 | 0.0022 |
| M-010.5 | blue rack | 225 x 65 x 27 | 5 | 0.85 | 0.0022 |
| M-010.6 | red rack | 225 x 65 x 27 | 5 | 0.85 | 0.0022 |
| M-010.7 | green rack | 225 x 65 x 27 | 5 | 0.85 | 0.0022 |
| M-011.1 | box with lid | 230 x 85 x 60 | 5 | 2.00 | 0.029 |





Rack at room temperature



Rack at -20 °C



Isofreeze Rack with temperature indicator

Manufactured from polypropylene, this rack is filled with a non-toxic gel that maintains **4 °C** temperature for almost three hours and a half when the rack is removed from the freezer (or in case of freezer failure), protecting PCR reagents, cells, enzymes, etc, from fast temperature changes.

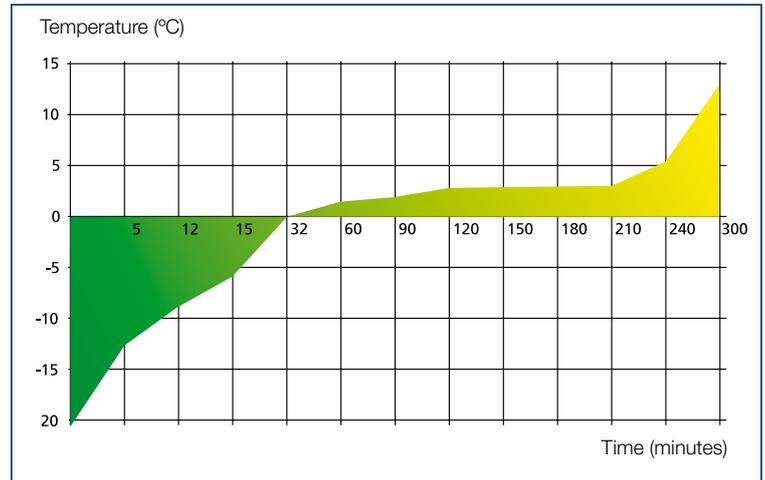
Moreover, the plastic changes its colour from green to yellow as long as the temperature of the rack changes (see figure). It can hold up to 96 0,2 ml single microtubes, strips, and plates.

Dimensions with lid: 141 x 99 x 44 mm.

Dimensions without lid: 141 x 99 x 38 mm.

ATTENTION: Freeze for a minimum of eight hours at **-20 °C** before use. Keep it covered while being used.

Store at the freezer while not being used



| code | description | case quantity | case weight | case volume |
|--------------|-----------------------------|---------------|-------------|-------------|
| M-572 | yellow-green isofreeze rack | 2 | 0.64 | 0.0005 |



See our PCR tubes and plates in Chapter 2. **Molecular biology**



96 well PCR rack

Base and cover made of **autoclavable** polypropylene.

Designed for storing and working 0,2 ml PCR tubes, separate or in strips. 96-well plates can also be accommodated.

Both base and cover have an alphanumeric identification.

Once covered they are stackable.

Racks can be horizontally attached to each other in order to build-up any configuration.

Dimensions with cover: 132 x 91 x 32 mm

It withstands from **-90 °C** to **121 °C**.

| code | description | case quantity | case weight | case volume |
|--------------|-----------------|---------------|-------------|-------------|
| M-585 | blue PCR rack | 20 | 3.0 | 0.02 |
| M-581 | yellow PCR rack | 20 | 3.0 | 0.02 |

Minimum order quantity: 5 and multiples of 5 up to 20.

From 20, multiples of 20

24 well incubation rack

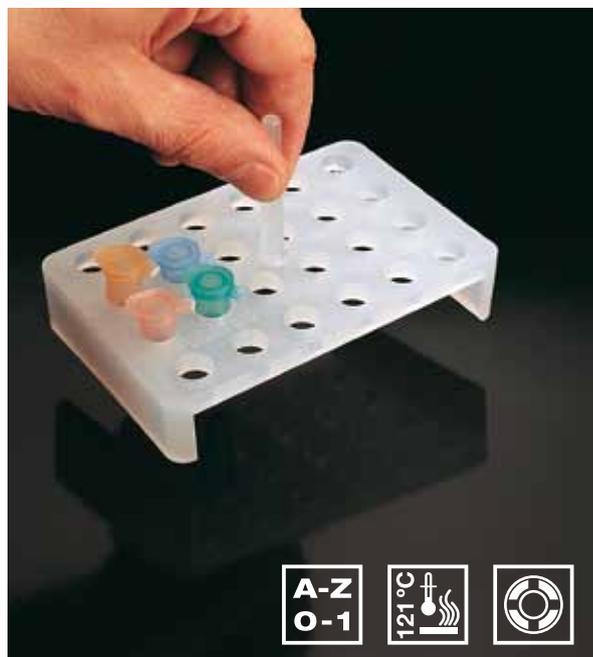
Made of **autoclavable** polypropylene.

This floating rack will incubate up to 24 microtubes in a water bath and can accommodate either 1.5 ml or 0.5 ml tubes.

Tubes are held snugly and then released when the rack is pressed down on a benchtop.

The rack is alphanumerically labelled for better sample identification. Dimensions: 119 x 78 mm.

| code | description | case quantity | case weight | case volume |
|--------------|-----------------|---------------|-------------|-------------|
| M-022 | incubation rack | 4 | 0.29 | 0.0024 |



Round incubation racks

Made of **autoclavable** polypropylene, those racks are designed to hold either 8 or 20 microtubes (1.5 ml) in 10.8 mm holes.

Even when the rack is fully loaded, tubes are completely immersed while tops rest above the rack, floating in a beaker of water.

Perfect for use in benchtop incubation.

The rack is easily unloaded by lightly pressing it down against the bench until the legs touch, releasing the tubes.

Racks are 6.4 mm thick with 19 mm long legs and a central handle.

| code | capacity | Ø rack | case quantity | case weight | case volume |
|--------------|----------|--------|---------------|-------------|-------------|
| M-024 | 8 tubes | 66 | 4 | 0.14 | 0.0015 |
| M-026 | 20 tubes | 105 | 4 | 0.20 | 0.0075 |



IsoFreeze reversible racks with lid

Manufactured from virtually unbreakable polycarbonate and filled with a non-toxic gel, those Isofreeze temperature maintenance racks provide consistent thermal protection for PCR reagents, cells, enzymes or other temperature sensitive agents when removed from the freezer or refrigerator for extended periods of time, and provide safe storage on the event of freezer failure. Each rack can accommodate up to 20 1.5/2.0 ml microtubes on one side, or 20 0.5 ml microtubes on the reverse side.

Racks feature a transparent lid for better sample viewing. Each well in the rack is numbered.

Available in two temperature ranges.

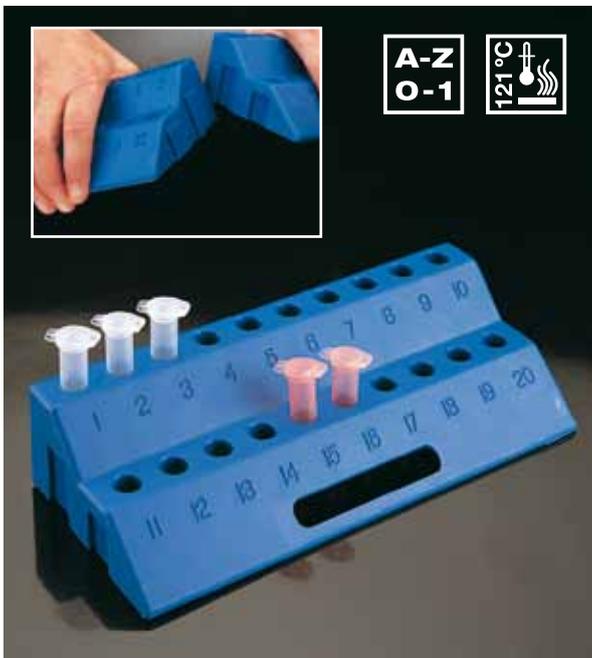
Model **M-570** (white) will maintain a temperature of **0 °C** on the bench top for 5 hours.

Model **M-571** (blue) will maintain a temperature between **-10 °C** and **-20 °C** on the bench top up to 3 hours.

Dimensions with lid: 108 x 172 x 104.

| code | description | case quantity | case weight | case volume |
|--------------|----------------------|---------------|-------------|-------------|
| M-570 | white isofreeze rack | 1 | 1.30 | 0.005 |
| M-571 | blue isofreeze rack | 1 | 1.30 | 0.005 |





20 well interlocking tube racks

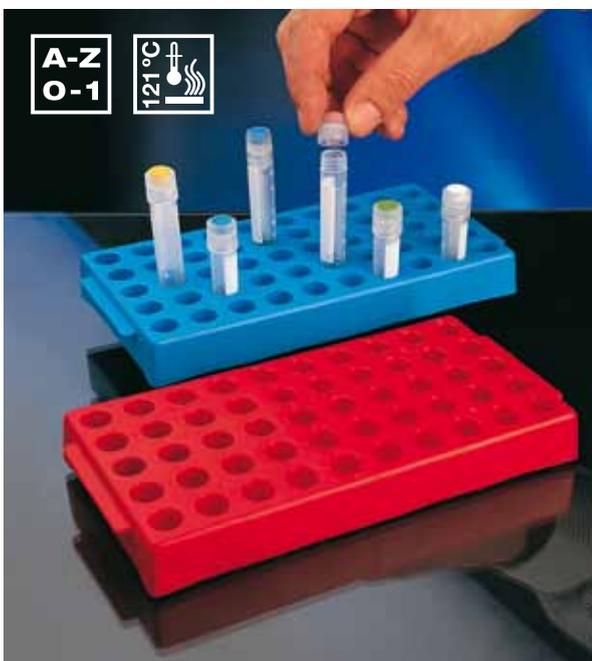
Made of blue **autoclavable** polypropylene.

These racks slide together on both sides to allow the user to attach several for larger experiments.

They are designed to accommodate 1.5/2.0 ml Eppendorf type tubes on two levels of 10 wells each, with easy-to-read numbers for better tube viewing and identification.

The innovative front finger slot makes them easy to handle when working with gloves. Dimensions: 210 x 90 x 48 mm.

| code | description | case quantity | case weight | case volume |
|---------------|-------------------|---------------|-------------|-------------|
| 200420 | blue 20 hole rack | 6 | 0.80 | 0.0040 |

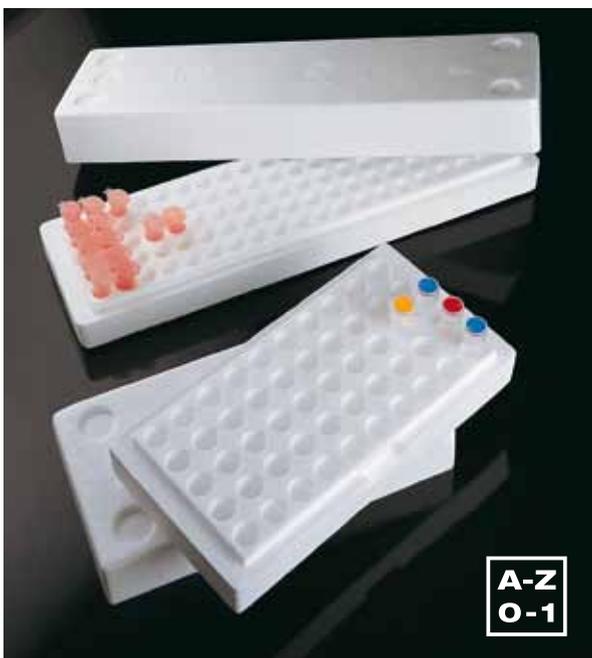
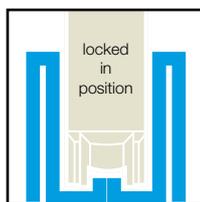


50 well microtube racks

Made of **autoclavable** polypropylene, these racks are designed for use with our tubes presented on page 144 and successive. They can hold 50 tubes in a 10 x 5 configuration. These racks allow easy one handed opening and closing of tubes thanks to an innovative locking system which ensures that tubes will securely lock in each well and will not turn. Each place is identified with an alphanumeric index for better sample location. Racks have strong handles for better handling and are stackable.

Dimensions: 100 x 250 x 25 mm.

| code | description | case quantity | case weight | case volume |
|----------------|-------------|---------------|-------------|-------------|
| M-028.5 | blue rack | 4 | 1.0 | 0.004 |
| M-028.6 | red rack | 4 | 1.0 | 0.004 |



Styrofoam racks with lid

Made of white heavy Styrofoam, these racks are designed for long-term storage of microtubes and cryovials in the freezer.

Both racks accommodate tubes maximum 44 mm high.

Diameter of the well: 13mm.

Model **G-050** (50 wells) is suitable for 1.5/2.0 ml microtubes and/or 1.2 ml cryovials. Dimensions: 21 x 10.7 x 6.5 cm.

Model **G-100** (100 wells) is suitable for 1.5/2.0 ml microtubes. Dimensions: 33.5 x 9.5 x 6.8 cm.

Racks are alpha-numerically matrixed for better sample location. Stackable, light-weighted and economical.

| code | description | case quantity | case weight | case volume |
|--------------|---------------|---------------|-------------|-------------|
| G-050 | 50 positions | 10 | 0.50 | 0.028 |
| G-100 | 100 positions | 10 | 0.57 | 0.029 |

Reversible 32+8 microtube racks with lid

This rack made of **autoclavable** at **121 °C** polypropylene and resistant to **-90 °C**. Is supplied with a clear polypropylene lid for better sample viewing. Side one has 32 wells for 0.5 ml tubes plus an additional 8 wells across for 1.5/2.0 ml tubes. Side two has the opposite configuration of 32 wells for 1.5/2.0 tubes and 8 wells for 0.5 ml tubes. Both sides are alphanumerically labeled for better sample location.

Racks have frosted writing patches on all four sides for smear resistant labeling. Small side handles.

Dimensions: 170 x 80 x 27 mm.

| code | description | case quantity | case weight | case volume |
|----------------|-------------|---------------|-------------|-------------|
| M-019AM | yellow rack | 5 | 0.80 | 0.007 |
| M-019R | pink rack | 5 | 0.80 | 0.007 |
| M-019V | green rack | 5 | 0.80 | 0.007 |



PCR workstations

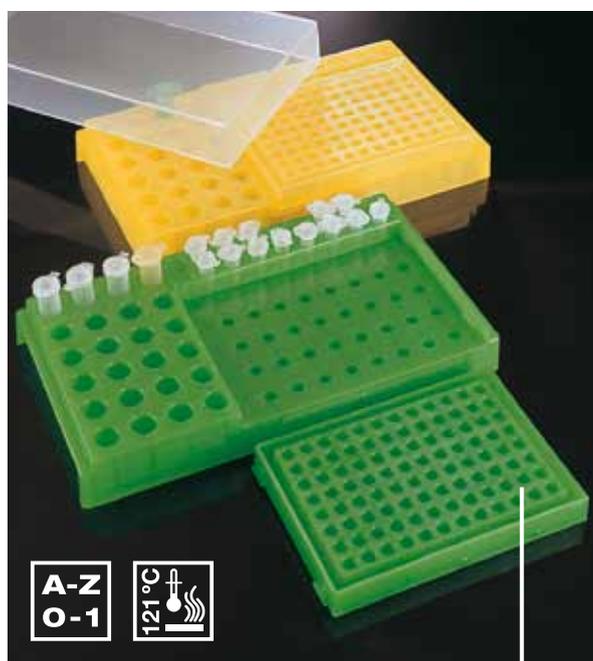
Autoclavable polypropylene. This storage/working rack, with lid, is designed to work with different PCR volumes at the same time. It can accommodate up to 32 individual 0.2 ml PCR tubes, 24 1.5/2.0 ml and 16 0.5 ml microtubes. Tube wells are alpha-numerically matrixed with raised bold type for accurate sample identification. The rack also has a transparent lid for easy viewing of samples. Frosted writing panels on four sides allow labelling or writing. The rack is supplied with a removable rack accommodating 0.2 ml PCR tubes. The removable rack can be purchased separately: see product code below. Dimensions: main rack: 215 x 118 x 50 mm.

Removable rack: 125 x 85 x 15 mm.

Both racks withstands from **-90 °C** to **121 °C**.

| code | description | case quantity | case weight | case volume |
|--------------|-------------|---------------|-------------|-------------|
| M-540 | green rack | 5 | 1.50 | 0.007 |
| M-541 | blue rack | 5 | 1.50 | 0.007 |
| M-542 | yellow rack | 5 | 1.50 | 0.007 |

Minimum unit sale: 5



96 well PCR racks

Autoclavable polypropylene.

Our 96 well plate, individual tubes or strips of 8 or 12 tubes can be used with this rack. An alphanumeric grid helps sample identification.

The included lid is transparent and has a non-slip surface to allow safe storage of multiple racks. This rack can be used alone or inserted in the above workstation, codes M-540 to M-543.

Dimensions: 125 x 85 x 15 mm. It withstands from **-90 °C** to **121 °C**.

| code | description | case quantity | case weight | case volume |
|--------------|-------------|---------------|-------------|-------------|
| M-550 | blue rack | 5 | 0.4 | 0.002 |
| M-551 | yellow rack | 5 | 0.4 | 0.002 |
| M-552 | pink rack | 5 | 0.4 | 0.002 |
| M-553 | green rack | 5 | 0.4 | 0.002 |





Stacking PCR work up rack

Autoclavable polypropylene. The stacking PCR work-up rack is a robust and convenient workstation or storage rack for plates, strips or tubes. It withstands from **-90 °C to 121 °C**. The conveniently small footprint ensures it is an equally useful tool whether it is used on the bench, in the freezer or some other laboratory situation.

The positive click ensures the lid will not become easily dislodged. Yet only a gentle squeeze on each side will allow you to lift off the clear lid. It accommodates every different type of 0,2 ml PCR plate; including fully skirted types, strips or tubes.

The imaginative shaping of the rack's feet make this system easy to use, providing a stable platform as well as enabling **stacking with or without the lid** and whether the vessels are open or sealed.

The racks are manufactured in distinctive colours and are packaged as an assortment.

| code | description | case quantity | case weight | case volume |
|--------------|-------------------|---------------|-------------|-------------|
| M-554 | stacking PCR rack | 5 | 0.45 | 0.0035 |



COMBI Rack for PCR

The box is made of PVC and the rack is made of **autoclavable** polypropylene. Rack and box can be used both together and separately.

The box: can be used not only as a storage rack but also as a work station. The white base accepts both 96 and 384 well plates and a transparent cover. It is stackable, and its low height helps to save space. Lid dimensions: 108.0 x 148.6 x 35.6 mm. Box dimensions: 108.0 x 148.6 x 24.9 mm.

The rack: can hold up to 96 PCR tubes or plates or 12 strips of 8 tubes with caps.

Each hole is identified with an alpha numeric numbering system.

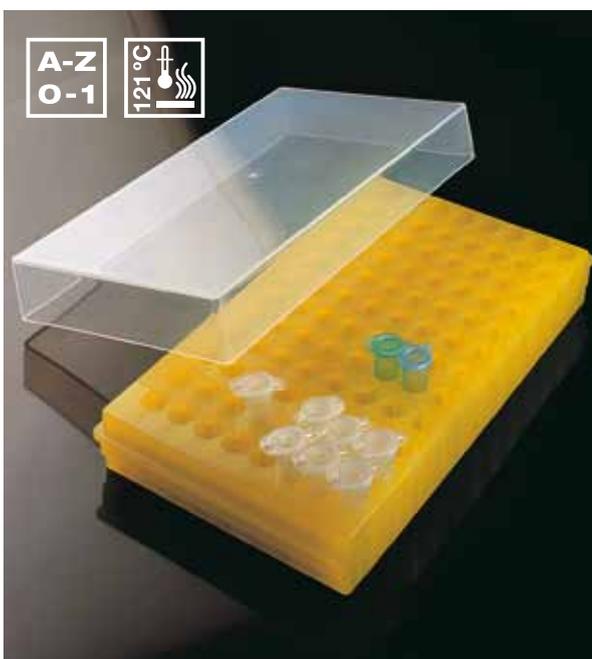
It features a writing area.

The grid stands on 4 legs and can be placed on a lab counter or in a refrigerator. It is stackable.

Can withstand temperatures from **-80 °C to 121 °C**.

Dimensions: 84.6 x 125.5 x 28.9 mm

| code | description | case quantity | case weight | case volume |
|--------------|--------------------|---------------|-------------|-------------|
| M-640 | white box with lid | 5 | 0.20 | 0.0004 |
| M-641 | 96 hole blue rack | 5 | 0.20 | 0.0004 |



Reversible 96 well racks with lid

Made of durable **autoclavable** polypropylene. This reversible rack with a clear polypropylene lid is designed with wide spacing to store up to 96 microtubes on either side. One side accommodates 1.5/2.0 ml microtubes; the reverse side accommodates 0.5 ml microtubes. The rack is alphanumerically matrixed for better sample location and has frosted writing patches on all four sides for smear resistant labelling. Operating temperature range: **-90 °C to 121 °C**.

With ergonomical lateral handles.

Dimensions: 213x114x26 mm.

| code | description | case quantity | case weight | case volume |
|----------------|-------------|---------------|-------------|-------------|
| M-021AM | yellow rack | 5 | 2.05 | 0.008 |
| M-021R | pink rack | 5 | 2.05 | 0.008 |
| M-021V | green rack | 5 | 2.05 | 0.008 |

Microtube racks

Those easy to assemble racks are made of white **autoclavable** polypropylene. These racks have open sides that make them adaptable for use in a tray of crushed ice. Designed for 1.5 ml 42 (6 x 7) microtubes. Racks are supplied dismantled.

Dimensions: 128 x 105 x 43 mm.

| code | description | case quantity | case weight | case volume |
|--------------|-----------------|---------------|-------------|-------------|
| M-110 | microtube racks | 8 | 0.97 | 0.006 |



42 well cuvette rack

Made of white **autoclavable** polypropylene, this easy to assemble rack provides gentle no-scratch support for fragile spectrophotometer cells.

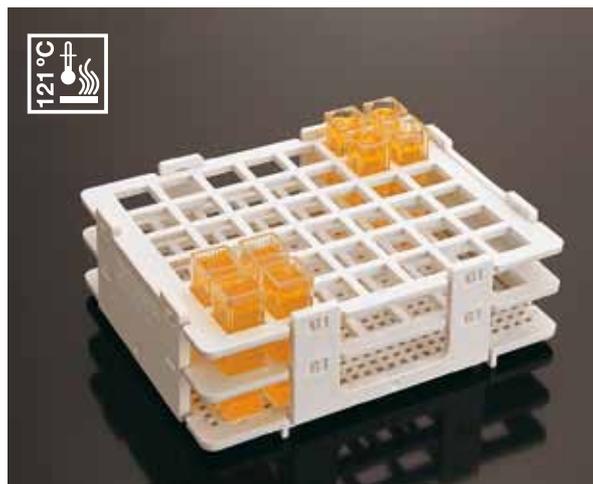
Forty-two 10 mm light path cells fit in this 6 x 7 row layout (See page 81).

Also suitable for tubes.

Racks are supplied dismantled.

Dimensions: 128 x 105 x 43 mm.

| code | description | case quantity | case weight | case volume |
|--------------|-------------------|---------------|-------------|-------------|
| M-100 | well cuvette rack | 8 | 1.04 | 0.01 |



Test tube baskets

For rinsing, transport and storage.

Made of **autoclavable** polypropylene, these baskets with sliding lids are ideal for rinsing or carrying glassware.

| code | description | case quantity | case weight | case volume |
|--------------|---------------------------|---------------|-------------|-------------|
| M-040 | basket 127 x 102 x 102 mm | 6 | 0.76 | 0.018 |
| M-050 | basket 152 x 152 x 152 mm | 6 | 1.39 | 0.003 |
| M-060 | basket 229 x 229 x 229 mm | 6 | 3.12 | 0.080 |



Pipette rack

Made of **autoclavable** polypropylene.

For orderly, space-saving pipette storage. This rack holds 50 pipettes in a vertical 5 x 10 arrangement. This system ensures that pipettes will not contact table surface.

The end plates have handles for easy carrying.

Hole diameter: 16 mm.

Dimensions: 213 x 114 x 222 mm.

| code | description | case quantity | case weight | case volume |
|--------------|--------------|---------------|-------------|-------------|
| 19973 | pipette rack | 1 | 0,54 | 0,006 |





Universal racks

Made of durable polypropylene, this versatile rack is specially **designed to attach to another by pressing the two sides together**. Two racks or more can then be attached to present tubes in varied configurations.

The rack can accommodate the following:

- 4 x 50 ml conical tubes
- 12 x 15 ml conical tubes
- 32 x Ø12 mm tubes or 1.5/2.0 ml microtubes
- 32 x 0.5 ml microtubes

Alpha-numeric matrix on the four sides for better sample location. Can be autoclaved and can be placed in freezers and water baths.

Dimensions: 172 x 50 x 90 mm.

| code | colour | case quantity | case weight | case volume |
|--------------|--------------------|---------------|-------------|-------------|
| M-520 | natural | 5 | 0.81 | 0.005 |
| M-521 | fluorescent blue | 5 | 0.81 | 0.005 |
| M-522 | fluorescent pink | 5 | 0.81 | 0.005 |
| M-523 | fluorescent yellow | 5 | 0.81 | 0.005 |



Universal racks

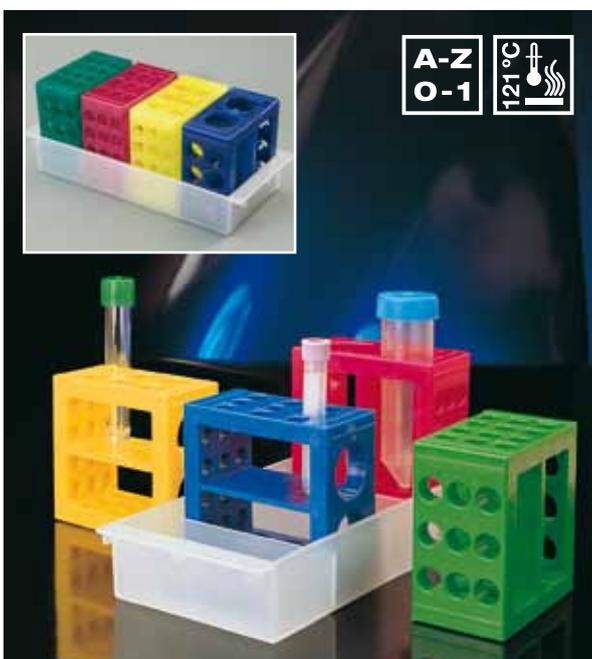
Made of **autoclavable** polypropylene, it withstands from **-90 °C to 121 °C**.

This tube rack system is designed to support a variety of tube sizes and styles:

- Ø 30 mm for 8 x 50 ml tubes
- Ø 20 mm for 20 tubes
- Ø 16/17 mm for 24 x 15 ml tubes
- Ø 12/13 mm for 40 tubes

Dimensions: 198 x 118 x 96 mm.

| code | colour | case quantity | case weight | case volume |
|--------------|--------------------|---------------|-------------|-------------|
| M-530 | fluorescent blue | 5 | 2.10 | 0.014 |
| M-531 | fluorescent green | 5 | 2.10 | 0.014 |
| M-532 | fluorescent pink | 5 | 2.10 | 0.014 |
| M-533 | fluorescent yellow | 5 | 2.10 | 0.014 |



Set of mixed Combi rack

Made of **autoclavable** polypropylene.

It withstands from **-90 °C to 121 °C**.

This design consists of a unit of four independent cubes packaged in a clear support tray.

Each rack may be independently rotated to allow the simultaneous storage and use of multiple sizes of tubes.

Each side of the racks is alpha-numeric matrixed for better sample location.

The following tubes can be accommodated in each rack:

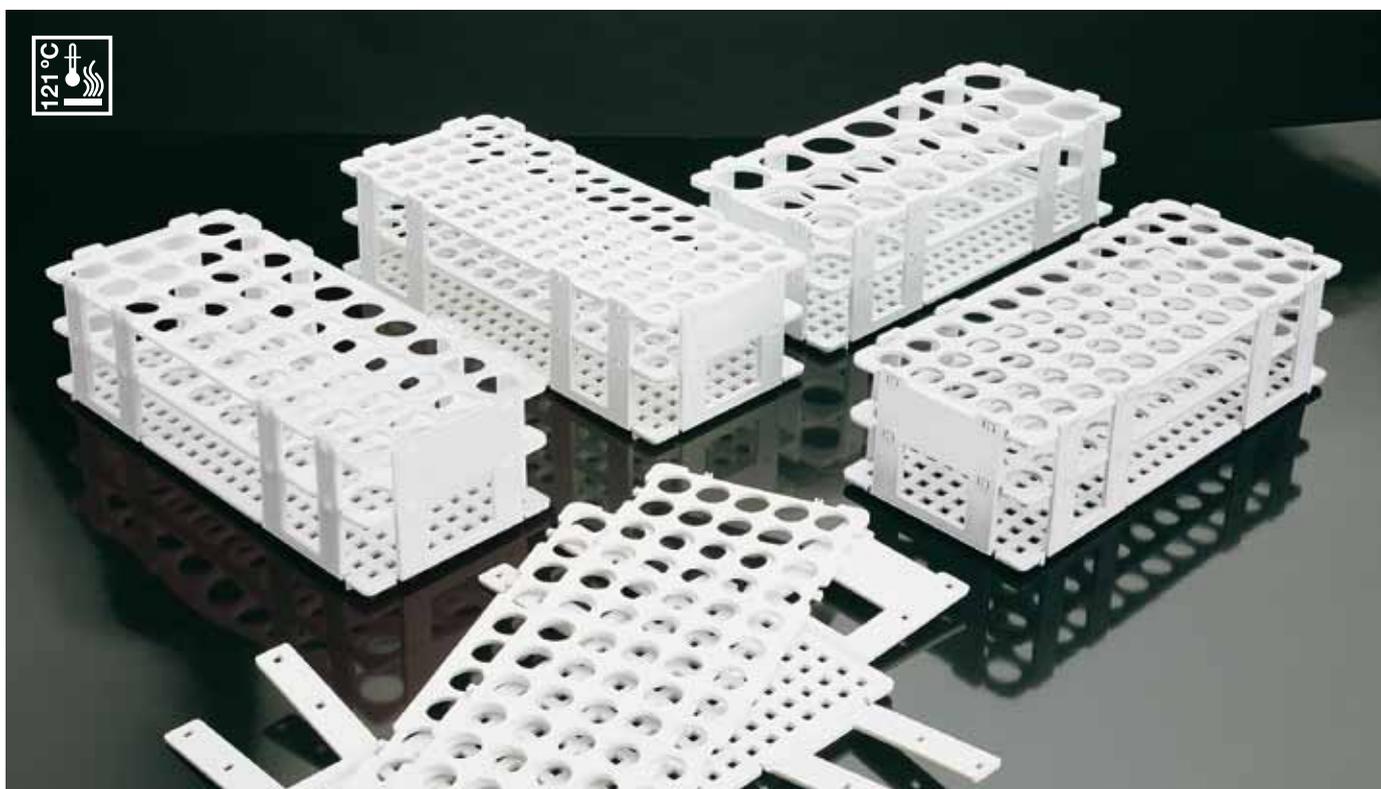
- 2 x 50 ml conical tubes
- 6 x 15 ml conical tubes
- 9 x 12 mm diameter tubes or 1.5/2.0 ml microtubes
- 12 x 0.5 ml microtubes

Dimensions:

Tray (handles included): 242 x 120 x 40 mm.

Rack: 48 x 92 x 92 mm.

| code | description | case quantity | case weight | case volume |
|------------|-------------|---------------|-------------|-------------|
| 330 | combi rack | 1 | 0.60 | 0.0030 |



Universal test tube racks

Round hole test tube racks made of white **autoclavable** polypropylene. A side panel provides a labelling option. Very easy to assemble. Racks are supplied dismantled. Dimensions: 240 x 103 x 65 mm.

| code | max. diameter tubes | tube capacity | bag quantity | bag weight | bag volume |
|--------------|---------------------|---------------|--------------|------------|------------|
| W-014 | 13 | 6 x 15 (90) | 1 | 0.19 | 0.012 |
| W-015 | 16 | 5 x 12 (60) | 1 | 0.19 | 0.012 |
| W-016 | 20 | 4 x 10 (40) | 1 | 0.19 | 0.012 |
| W-017 | 25 | 3 x 8 (24) | 1 | 0.018 | 0.010 |
| W-018 | 30 | 3 x 7 (21) | 1 | 0.016 | 0.008 |



Square hole test tube racks with grip

These high quality polypropylene racks are **autoclavable**, stackable when unloaded and can be dismantled for space saving. A unique grip feature ensures that tubes are firmly held in racks. An alphanumeric grid reference ensures an easy sample location. Dimensions: 250 x 105 x 68 mm. Very easy to assemble. Racks are supplied dismantled.

| code | max. diameter tube | tube capacity | bag quantity | bag weight | bag volume |
|--------------|--------------------|---------------|--------------|------------|------------|
| W-011 | 13 | 6 x 15 (90) | 1 | 0.17 | 0.0012 |
| W-012 | 16 | 5 x 12 (60) | 1 | 0.17 | 0.0012 |
| W-013 | 20 | 4 x 10 (40) | 1 | 0.09 | 0.0009 |





Universal test tube racks

Made of white **autoclavable** polypropylene. Specially designed to ensure that all test tubes will be incubated at the same temperature. An alpha-numeric grid reference on top tier of the rack allows an easy sample location. Racks are easily assembled, and are stackable when unloaded. Each rack is supplied dismantled. Easy to assemble.

Also available in colour: Blue: add **.04** to the code.
 Yellow: add **.06** to the code.
 Red: add **.10** to the code.

| code | places | Ø test tube mm | dimensions mm | bag quantity | bag weight | bag volume |
|-------|--------------|----------------|------------------|--------------|------------|------------|
| 19563 | 100 (4 x 25) | micro | 262 x 108 x 45 | 5 | 0.80 | 0.007 |
| 19564 | 90 (6 x 15) | 13 | 246.5 x 104 x 60 | 5 | 0.80 | 0.007 |
| 19565 | 60 (5 x 12) | 16 | 246.5 x 104 x 70 | 5 | 0.90 | 0.006 |
| 19566 | 40 (4 x 10) | 20 | 246.5 x 104 x 70 | 5 | 0.90 | 0.006 |
| 19567 | 40 (4 x 10) | 25 | 296.5 x 124 x 85 | 5 | 1.00 | 0.007 |
| 19568 | 24 (3 x 8) | 30 | 300 x 111 x 83 | 5 | 1.00 | 0.007 |



Assembling rack

This rack is moulded of blue **autoclavable (121°C)** polypropylene. Suitable for daily usage and storage. It holds up to 21 tubes of 50 ml (30 mm diameter) each, and features end plates for labelling, as well as numbered and lettered rows for tube identification. Interlocking feet allows stacking of racks for storage. This rack is supplied flat, individually bagged. Fast and easy assembling (instructions included).

| code | dimensions mm | rows | case quantity | case weight | case volume |
|-------|----------------|-------|---------------|-------------|-------------|
| 19570 | 246 x 104 x 64 | 3 x 7 | 8 | 1.50 | 0.020 |

Acetal polymer racks

Made of acetal polymer. **Autoclavable up to 121 °C** for 20 minutes.

Stackable.

Compact and lightweight.

They remains stable if submerged.

Color blue except model **M-562L**, which is lilac.

With handles on each side for better handling.

External dimensions for all codes: 293 mm x 115 mm x 65 mm H.

Recommended for tubes: 12 x 75, 15 x 95, 16 x 100, centrifugation tubes, urine collection tubes, etc.

| code | for tubes Ø | capacity | case quantity | case weight | case volume |
|---------------|-------------|-------------|---------------|-------------|-------------|
| M-560A | up to 13 mm | (6 x 14) 84 | 10 | 3.27 | 0.032 |
| M-561A | up to 16 mm | (5 x 12) 60 | 10 | 3.00 | 0.029 |



Single use racks

Low-price, flexible racks made of polystyrene.

Dimensions:

901407: 200 x 240 x 30 mm

901410: 160 x 170 x 25 mm

| code | Ø hole | n° holes | case quantity | case weight | case volume |
|---------------|---------|----------|---------------|-------------|-------------|
| 901407 | 16 mm Ø | 10 x 12 | 25 | 1.90 | 0.033 |
| 901410 | 13 mm Ø | 10 x 10 | 25 | 0.66 | 0.012 |



Combi rack height 128

Polypropylene rack.

Dimensions with lid: 133 x 133 x 128 mm.

Available in fluorescent colours with transparent lid to help identification.

Resist **-196 °C** and autoclavable up to **121 °C**.

Sections will hold 10 tubes up to 30 mm diameter, 2 tubes up to 16 mm Ø and 1 tube up to 11 mm Ø.

All of them up to 125 mm height.

| Suitable with tubes: | | | | | | |
|----------------------|---------------|---------------|---------------|---------------|---------------|---------------|
| 10100T | 300400 | 300705 | 300707 | 300900 | 300907 | 300908 |
| 301200 | 301201 | 301202 | 301212 | 301213 | 301403 | 301700 |
| 400400 | 400705 | 400900 | 401200 | 401201 | 401204 | 401403 |
| 401700 | 409920 | 429900 | 429901 | 429910 | 429926 | 429927 |
| 429930 | 429931 | 713100 | 716100 | 716125 | 720125 | 901075 |
| 913100 | 916100 | | | | | |

| code | colour | bag quantity | bag weight | bag volume |
|-----------------|---------|--------------|------------|------------|
| U-50128A | blue | 1 | 0.20 | 0.0035 |
| U-50128N | natural | 1 | 0.20 | 0.0035 |
| U-50128R | red | 1 | 0.20 | 0.0035 |
| U-50128V | green | 1 | 0.20 | 0.0035 |





Rack 1x1 height 45

Polypropylene rack.

Dimensions with lid: 133 x 133 x 45 mm.

Available in fluorescent colours with transparent lid to help identification.

Resists -196 °C and autoclavable up to 121 °C.

Only 1 cavity.

Suitable for all kind of tubes and other objects.

| code | colour | quantity | weight | volume |
|-----------------|---------|----------|--------|---------|
| U-1145A | blue | 1 | 0.12 | 0.00011 |
| U-1145AM | yellow | 1 | 0.12 | 0.00076 |
| U-1145N | natural | 1 | 0.12 | 0.00076 |
| U-1145NA | orange | 1 | 0.12 | 0.00076 |



Rack 1x1 height 70

Polypropylene rack.

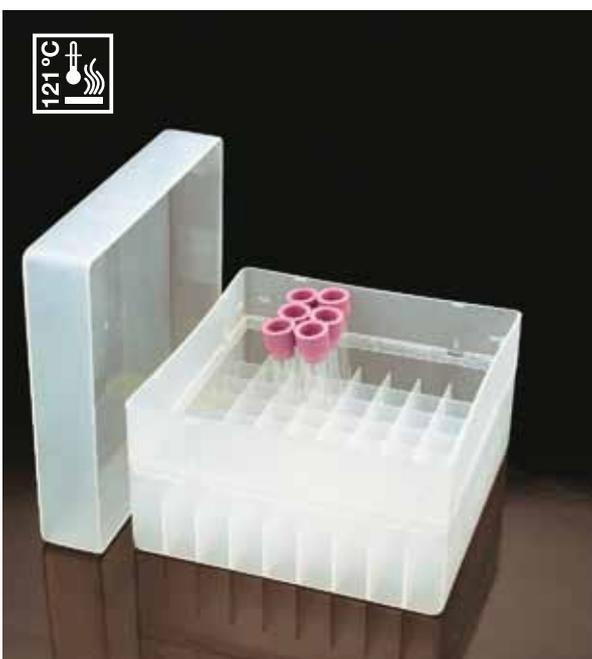
Dimensions with lid: 133 x 133 x 70 mm.

Available in fluorescent colours with transparent lid to help identification.

Resists -196° C and autoclavable up to 121 °C.

Only one cavity. Suitable for all kind of tubes and other objects.

| code | colour | quantity | weight | volume |
|-----------------|---------|----------|--------|--------|
| U-1170A | blue | 1 | 0.12 | 0.0014 |
| U-1170AM | yellow | 1 | 0.12 | 0.0014 |
| U-1170N | natural | 1 | 0.12 | 0.0014 |



Rack 9x9 height 70

Polypropylene rack.

Dimensions with lid: 133 x 133 x 70 mm.

Available in fluorescent colours with transparent lid to help identification.

Resists -196 °C and autoclavable up to 121 °C.

Sections will hold 81 tubes up to 12 mm diameter and 67 mm height.

Ideal for our references **300500** and **400500**, etc.

| code | colour | quantity | weight | volume |
|----------------|---------|----------|--------|--------|
| U-9970A | blue | 1 | 0.18 | 0.0014 |
| U-9970N | natural | 1 | 0.18 | 0.0014 |
| U-9970R | red | 1 | 0.18 | 0.0014 |



Rack 7x7 height 80

Polypropylene rack.

Dimensions with lid: 133 x 133 x 80 mm.

Available in fluorescent colours with transparent lid to help identification.

Resists **-196 °C** and **autoclavable** up to **121 °C**.

Sections will hold 49 tubes up to 16 mm diameter and 77 mm height.

| Suitable with tubes: | | | | | |
|----------------------|----------|----------|----------|--------|--|
| code | colour | quantity | weight | volume | |
| 401100 | 409003.1 | 409107.1 | 409108.1 | | |
| U-7780A | blue | 1 | 0.18 | 0.0014 | |
| U-7780N | natural | 1 | 0.18 | 0.0014 | |
| U-7780NA | orange | 1 | 0.18 | 0.0014 | |



Rack 9x9 height 80

Polypropylene rack.

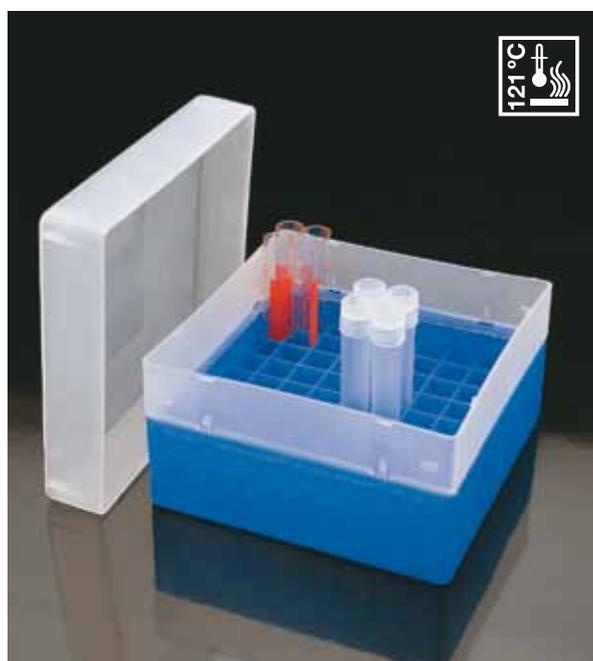
Dimensions with lid: 133 x 133 x 80 mm.

Available in fluorescent colours with transparent lid to help identification.

Resists **-196 °C** and **autoclavable** up to **121 °C**.

Sections will hold 81 tubes up to 12 mm diameter and 77 mm height.

| Suitable with tubes: | | | | | |
|----------------------|----------|----------|----------|---------|--------|
| code | colour | quantity | weight | volume | |
| 400500 | 409003.2 | 409108 | 409108.1 | 801175T | 901075 |
| 409003.1 | 409107 | 409107.1 | 801075 | 801275 | |
| U-9980A | blue | 1 | 0.18 | 0.0021 | |
| U-9980N | natural | 1 | 0.18 | 0.0021 | |



Rack 7x7 height 96

Polypropylene rack.

Dimensions with lid: 133 x 133 x 96 mm.

Available in fluorescent colours with transparent lid to help identification.

Resists **-196° C** and **autoclavable** up to **121 °C**.

Sections will hold 49 tubes up to 16mm diameter and 93 mm height. Ideal for tubes 16x90-92 mm or similar tubes.

| code | colour | quantity | weight | volume | |
|----------------|--------|----------|--------|--------|--|
| U-7796A | blue | 1 | 0.17 | 0.0021 | |
| U-7796V | green | 1 | 0.17 | 0.0021 | |





Rack 9x9 height 96

Polypropylene rack.

Dimensions with lid: 133 x 133 x 96 mm.

Available in fluorescent colours with transparent lid to help identification.

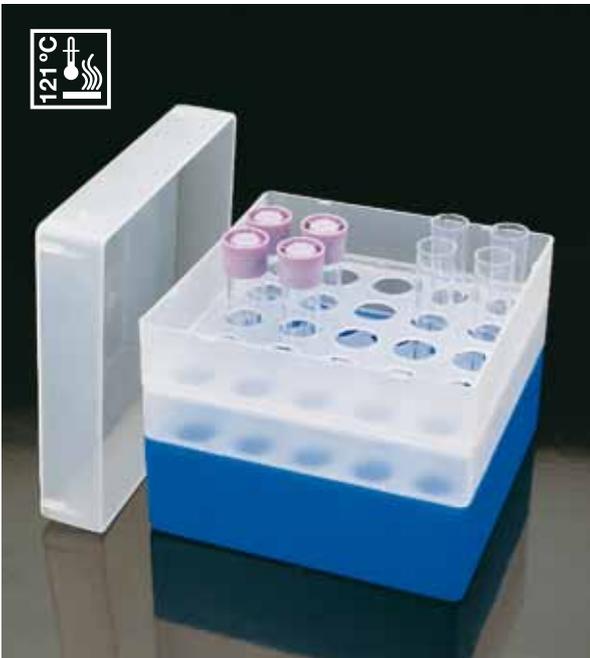
Resists -196° C and autoclavable up to 121 C.

Sections will hold 81 tubes up to 12 mm diameter and 93 mm height.

Suitable with tubes:

| | | | | | | |
|----------|--------|----------|----------|----------|----------|----------|
| 300700 | 300701 | 300702 | 300700.4 | 300704 | 300700.5 | 300700.6 |
| 300700.7 | 300800 | 300800.1 | 300801 | 300800.2 | 300804 | 301500 |
| 400700 | 400800 | 400800.1 | 409003.1 | 409003.2 | 409107 | 409108 |
| 409107.1 | 409109 | 409108.1 | 409109.1 | 801175T | 801275 | 901275 |

| code | colour | quantity | weight | volume |
|---------|---------|----------|--------|--------|
| U-9996A | blue | 1 | 0.20 | 0.0021 |
| U-9996N | natural | 1 | 0.20 | 0.0021 |



Rack 5x5 round hole height 105

Polypropylene rack.

Dimensions with lid: 133 x 133 x 105 mm.

Available in fluorescent colours with transparent lid to help identification.

Resists -196° C and autoclavable up to 121 °C.

Sections will hold 25 tubes up to 17 mm diameter and 102 mm height.

Suitable with tubes:

| | | | | | |
|--------|--------|--------|--------|--------|---------|
| 300705 | 301200 | 301700 | 401200 | 401700 | 810100T |
| 300707 | 301201 | 400705 | 401201 | 713100 | 913100 |
| 300900 | 301202 | 400900 | 401204 | 716100 | 916100 |

| code | colour | quantity | weight | volume |
|-----------|--------|----------|--------|--------|
| U-105105A | blue | 1 | 0.18 | 0.0023 |
| U-105105Y | yellow | 1 | 0.18 | 0.0023 |



Rack 5x5 round hole height 128

Polypropylene rack.

Dimensions with lid: 133 x 133 x 128 mm.

Available in fluorescent colours with transparent lid to help identification.

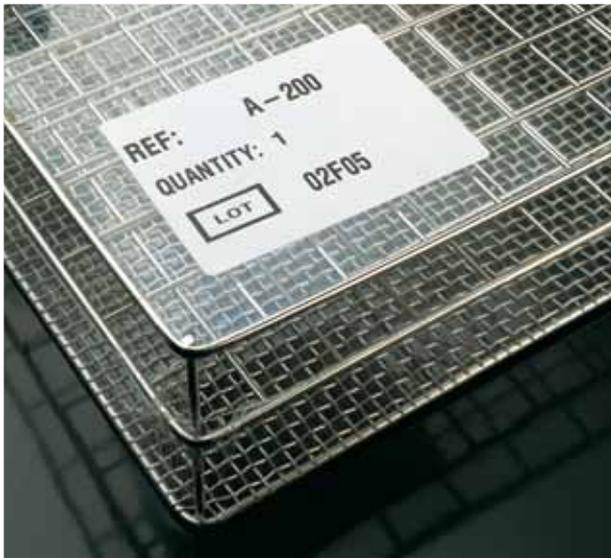
Resists -196° C and autoclavable up to 121 °C.

Sections will hold 25 tubes up to 17 mm diameter and 125 mm height.

Suitable with tubes:

| | | | | | | |
|--------|--------|--------|--------|--------|---------|--------|
| 300705 | 300707 | 300900 | 300904 | 300907 | 300908 | 301200 |
| 301201 | 301202 | 301212 | 301213 | 301403 | 400705 | 400900 |
| 401200 | 401201 | 401204 | 401403 | 401700 | 409920 | 429910 |
| 429940 | 429942 | 429945 | 713100 | 716100 | 810100T | 913100 |
| 916100 | | | | | | |

| code | colour | quantity | weight | volume |
|-----------|---------|----------|--------|--------|
| U-15128A | blue | 1 | 0.20 | 0.0032 |
| U-15128AM | yellow | 1 | 0.20 | 0.0032 |
| U-15128N | natural | 1 | 0.20 | 0.0032 |



Stainless steel racks and baskets

For over 25 years Deltalab has been producing a range of fine handmade stainless steel Racks and Baskets.

Materials of the highest quality are used to ensure final products have top finishings and are sturdy and durable.

The base of all racks and baskets are manufactured from a very strong stainless steel mesh. Handmade production enables Deltalab to manufacture **Racks and Baskets customised** to your own specifications.

Just indicate the product size you need and Deltalab will provide a product made to your own requirements.

Most racks can be manufactured with a stainless steel side identification plate upon request.

Racks also available with band.

Also can be made with safety lid for transport.



Aluminium racks 10 x 5 holes

Stackable. Alpha-numerical index for better sample location. Supplied encased and interlocked, wrapped in a protecting film.

Code **Z-300** suitable for 12 ml screw tubes, series **301402**, and for 15 ml centrifuge tubes, series **429900** (See chapter of tubes)

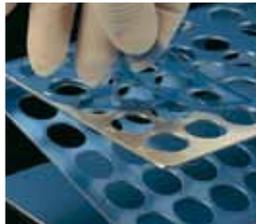
| code | dimensions mm | Ø hole mm | case quantity | case weight | case volume |
|--------------|----------------|-----------|---------------|-------------|-------------|
| Z-100 | 165 x 85 x 45 | 12 | 10 | 1.26 | 0.010 |
| Z-250 | 195 x 100 x 45 | 15 | 10 | 1.52 | 0.010 |
| Z-300 | 220 x 110 x 45 | 17 | 10 | 1.86 | 0.010 |

Aluminium racks 5 x 5 holes

Stackable. Alpha-numerical index for better sample location. Supplied encased and interlocked, wrapped in a protecting film. Code **Z-075** suitable for 12 ml screw tubes, series **301402**, and for 15 ml centrifuge tubes, series **429900** (See chapter of tubes)

| code | dimensions mm | Ø hole mm | case quantity | case weight | case volume |
|--------------|----------------|-----------|---------------|-------------|-------------|
| Z-025 | 35 x 85 x 45 | 12 | 10 | 0.78 | 0.010 |
| Z-050 | 100 x 100 x 45 | 15 | 10 | 0.89 | 0.010 |
| Z-075 | 110 x 110 x 45 | 17 | 10 | 1.60 | 0.010 |

Minimum unit sale: 1



Stainless steel racks 10 x 5 holes

Stackable. Alpha-numerical index for better sample location. Supplied encased and interlocked, wrapped in a protecting film. Code **Z-600** suitable for 12 ml screw tubes, series **301402**, and for 15 ml centrifuge tubes, series **429900** (See chapter of tubes)

| code | dimensions mm | Ø hole mm | case quantity | case weight | case volume |
|--------------|----------------|-----------|---------------|-------------|-------------|
| Z-500 | 165 x 85 x 50 | 12 | 10 | 3.04 | 0.012 |
| Z-550 | 195 x 100 x 50 | 15 | 10 | 3.94 | 0.012 |
| Z-600 | 220 x 110 x 50 | 17 | 10 | 4.48 | 0.012 |

Stainless steel racks 5 x 5 holes

Stackable. Alpha-numerical index for better sample location. Supplied encased and interlocked, wrapped in a protecting film. Code **Z-800** suitable for 12 ml screw tubes, series **301402**, and for 15 ml centrifuge tubes, series **429900** (See chapter of tubes)

| code | dimensions mm | Ø hole mm | case quantity | case weight | case volume |
|--------------|----------------|-----------|---------------|-------------|-------------|
| Z-700 | 85 x 85 x 50 | 12 | 10 | 1.90 | 0.010 |
| Z-750 | 100 x 100 x 50 | 15 | 10 | 2.06 | 0.010 |
| Z-800 | 110 x 110 x 50 | 17 | 10 | 2.45 | 0.010 |

Minimum unit sale: 1



Stainless steel racks

For tubes of 12 mm Ø, hole 13 mm Ø.

| code | length x width x height mm | tubes capacity | quantity | weight | volume |
|--------------|-------------------------------|-------------------|----------|--------|--------|
| F-200 | 155 x 155 x 35 | 100 (10 x 10) | 1 | 0.150 | 0.0008 |
| F-210 | 155 x 80 x 35 | 50 (10 x 5) | 1 | 0.100 | 0.0004 |
| F-240 | 95 x 63 x 35 | 24 (6 x 4) | 1 | 0.070 | 0.0002 |
| F-211 | 155 x 80 x 70 | 50 (10 x 5) | 1 | 0.140 | 0.0009 |



Stainless steel racks

For tubes of 14 mm Ø, hole 15 mm Ø.

| code | length x width x height mm | tubes capacity | quantity | weight | volume |
|--------------|-------------------------------|-------------------|----------|--------|--------|
| B-200 | 175 x 175 x 60 | 100 (10 x 10) | 1 | 0.225 | 0.0018 |
| B-210 | 175 x 85 x 60 | 50 (10 x 5) | 1 | 0.145 | 0.0009 |
| B-220 | 347 x 87 x 60 | 100 (20 x 5) | 1 | 0.270 | 0.0018 |
| B-240 | 110 x 75 x 60 | 24 (6 x 4) | 1 | 0.090 | 0.0005 |

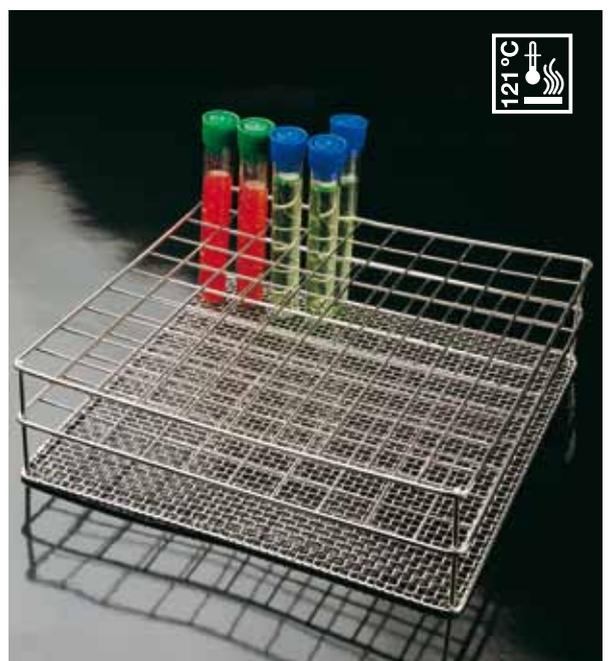


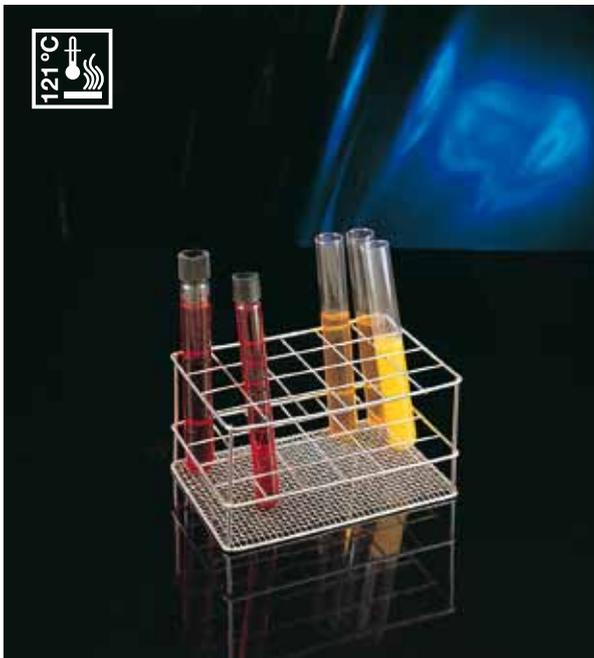
Stainless steel racks

For tubes of 18 mm Ø, hole 19 mm Ø.

Codes **A-202**, **A-212**, **A-222** and **A-242** are suitable for 12 ml screw tubes, series **301402**, and for 15 ml centrifuge tubes, series **429900** (See chapter of tubes)

| code | length x width x height mm | tubes capacity | quantity | weight | volume |
|--------------|-------------------------------|-------------------|----------|--------|--------|
| A-201 | 210 x 210 x 40 | 100 (10 x 10) | 1 | 0.290 | 0.0017 |
| A-211 | 210 x 110 x 40 | 50 (10 x 5) | 1 | 0.185 | 0.0009 |
| A-231 | 163 x 125 x 40 | 48 (8 x 6) | 1 | 0.170 | 0.0008 |
| A-241 | 125 x 85 x 40 | 24 (6 x 4) | 1 | 0.160 | 0.0004 |
| A-251 | 87 x 65 x 40 | 12 (4 x 3) | 1 | 0.085 | 0.0002 |
| A-200 | 210 x 210 x 60 | 100 (10 x 10) | 1 | 0.306 | 0.0026 |
| A-210 | 210 x 110 x 60 | 50 (10 x 5) | 1 | 0.200 | 0.0013 |
| A-230 | 165 x 125 x 60 | 48 (8 x 6) | 1 | 0.185 | 0.0012 |
| A-240 | 125 x 85 x 60 | 24 (6 x 4) | 1 | 0.177 | 0.0006 |
| A-250 | 87 x 65 x 60 | 12 (4 x 3) | 1 | 0.100 | 0.0003 |
| A-260 | 310 x 210 x 59 | 150 (15 x 10) | 1 | 0.445 | 0.0040 |
| A-202 | 210 x 210 x 85 | 100 (10 x 10) | 1 | 0.320 | 0.0037 |
| A-212 | 210 x 110 x 85 | 50 (10 x 5) | 1 | 0.200 | 0.0019 |
| A-222 | 415 x 110 x 85 | 100 (20 x 5) | 1 | 0.335 | 0.0038 |
| A-242 | 125 x 85 x 85 | 24 (6 x 4) | 1 | 0.190 | 0.0009 |





Racks for containers up to 23 mm Ø

Made of stainless steel. 25 mm square holes.
Features a strong woven mesh base.

| code | length x width x height mm | tubes capacity | quantity | weight | volume |
|--------------|----------------------------|----------------|----------|--------|--------|
| D-200 | 265 x 265 x 85 | 100 (10 x 10) | 1 | 0.425 | 0.0059 |
| D-230 | 219 x 166 x 85 | 48 (8 x 6) | 1 | 0.238 | 0.0030 |
| D-240 | 165 x 110 x 85 | 24 (6 x 4) | 1 | 0.145 | 0.0015 |
| D-250 | 111 x 84 x 85 | 12 (4 x 3) | 1 | 0.095 | 0.0008 |

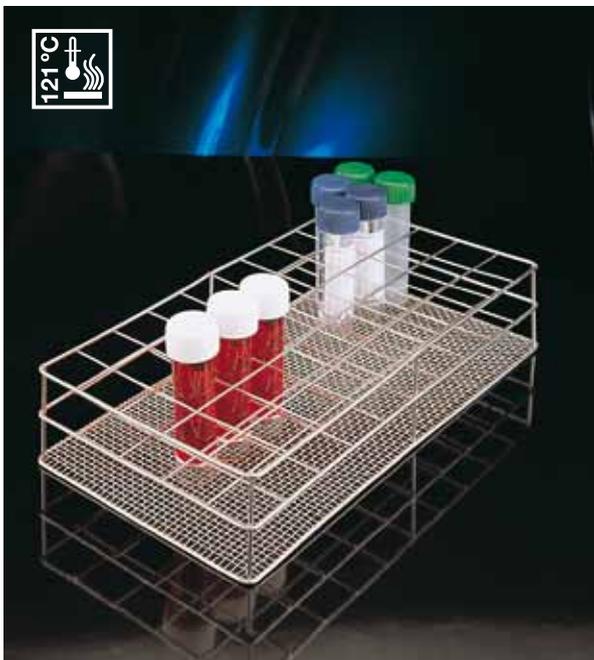


Suitable for glass tubes shown on pages 133-134

Racks for containers up to 28 mm Ø

Made of stainless steel. 30 mm square holes.
Features a strong woven mesh base.

| code | length x width x height mm | tubes capacity | quantity | weight | volume |
|--------------|----------------------------|----------------|----------|--------|--------|
| C-211 | 315 x 160 x 60 | 50 (10 x 5) | 1 | 0.280 | 0.0030 |
| C-256 | 200 x 70 x 60 | 12 (6 x 2) | 1 | 0.115 | 0.0008 |



Suitable for containers shown on pages 148-149

Racks for containers up to 28 mm Ø

Made of stainless steel. 30 mm square holes.
Features a strong woven mesh base.

| code | length x width x height mm | tubes capacity | quantity | weight | volume |
|--------------|----------------------------|----------------|----------|--------|--------|
| C-200 | 315 x 315 x 40 | 100 (10 x 10) | 1 | 0.530 | 0.0040 |
| C-254 | 195 x 65 x 40 | 12 (6 x 2) | 1 | 0.100 | 0.0005 |



Suitable for containers shown on pages 148-149





Racks for containers up to 30 mm Ø

Made of stainless steel. 33 mm square holes. Features a strong woven mesh base.

| code | length x width x height mm | containers capacity | quantity | weight | volume |
|-------|----------------------------|---------------------|----------|--------|--------|
| R-292 | 137 x 104 x 85 | 12 (3 x 4) | 1 | 0,10 | 0,001 |
| R-293 | 171 x 171 x 85 | 25 (5 x 5) | 1 | 0,18 | 0,002 |
| R-281 | 138 x 70 x 92 | 8 (4 x 2) | 1 | 0,50 | 0,001 |
| R-282 | 138 x 138 x 92 | 16 (4 x 4) | 1 | 0,50 | 0,002 |
| R-283 | 206 x 206 x 89 | 36 (6 x 6) | 1 | 0,60 | 0,005 |



Suitable for containers shown on pages 35 and 37

50 ml conical tubes made of transparent polypropylene. Suitable for centrifugation. Sterile and non sterile version skirted and not skirted.



You can find our 50 ml centrifuge tubes at chapters 1 and 6.



Racks for containers up to 38 mm Ø

Stainless steel. 40 mm square holes. With a strong woven mesh base.

| code | length x width x height mm | containers capacity | quantity | weight | volume |
|-------|----------------------------|---------------------|----------|--------|--------|
| L-250 | 168 x 128 x 43 | 12 (4 x 3) | 1 | 0.140 | 0.0009 |
| L-240 | 255 x 170 x 43 | 24 (6 x 4) | 1 | 0.246 | 0.0019 |



Suitable for containers shown on pages 150 and 151



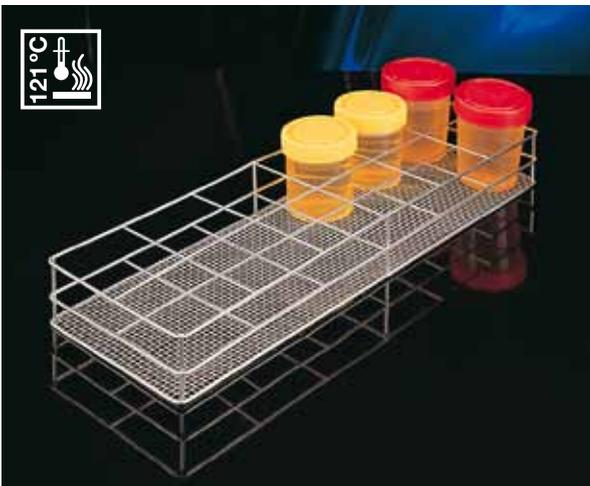
Racks for containers up to 47 mm Ø

Stainless steel. 50 mm square holes. With a strong woven mesh base.

| code | length x width x height mm | containers capacity | quantity | weight | volume |
|-------|----------------------------|---------------------|----------|--------|--------|
| I-240 | 315 x 210 x 45 | 24 (6 x 4) | 1 | 0.325 | 0.0029 |
| I-250 | 210 x 160 x 45 | 12 (4 x 3) | 1 | 0.192 | 0.0015 |



Suitable for containers shown on pages 152 and 153



Racks for containers up to 58 mm Ø

Stainless steel. 63 mm square holes.

| code | length x width x height mm | containers capacity | quantity | weight | volume |
|-------|----------------------------|---------------------|----------|--------|--------|
| N-240 | 393 x 262 x 45 | 24 (6 x 4) | 1 | 0.450 | 0.0046 |
| N-250 | 393 x 132 x 45 | 12 (6 x 2) | 1 | 0.282 | 0.0023 |



Suitable for containers shown on pages 154, 155, 156 and 158



Racks for containers up to 58 ml Ø, with lid

Made of stainless steel with a lid. Hole of 63 mm.

Ideal for carrying containers, as they stand firmly in the rack thanks to the lid.

| code | length x width x height mm | containers capacity | quantity | weight | volume |
|--------|----------------------------|---------------------|----------|--------|--------|
| NT-250 | 392 x 131 x 80 | 12 (6 x 2) | 1 | 0.40 | 0.004 |



Suitable for containers shown on pages 154, 155, 156 and 158



Bottle carrier with folding handlers

Manufactured in stainless steel and designed for the transport of six 1 liter bottles such as chemical reagent bottles.

| code | length x width x height mm | quantity | weight | volume |
|--------------|-------------------------------|----------|--------|--------|
| 19700 | 380 x 240 x 130 | 1 | 0.35 | 0.018 |



See our range of bottles and containers in chapter 12.

Laboratory and industrial packaging



Baskets with folding handles

Made of stainless steel. Features a strong woven mesh base. For bottles and containers.

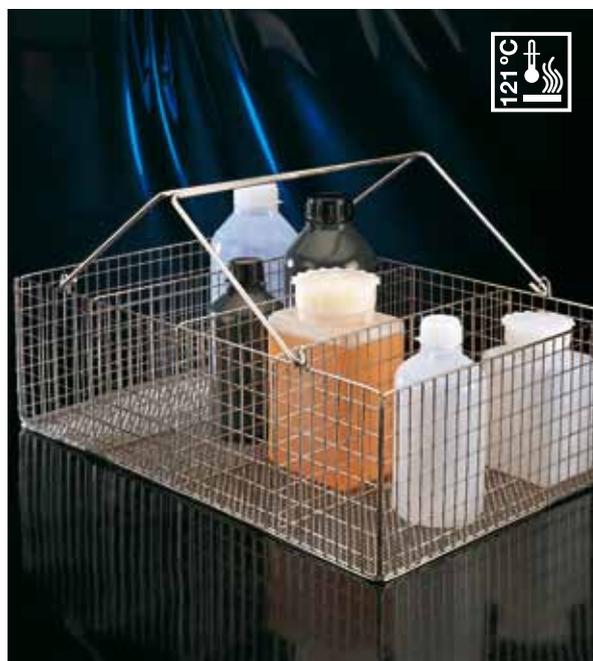
| code | length x width x height mm | quantity | weight | volume |
|------|-------------------------------|----------|--------|--------|
|------|-------------------------------|----------|--------|--------|

With dividers every 12 cm. 4 departments

| | | | | |
|--------------|-----------------|---|------|-------|
| H-261 | 480 x 300 x 150 | 1 | 1.84 | 0.021 |
|--------------|-----------------|---|------|-------|

Without dividers

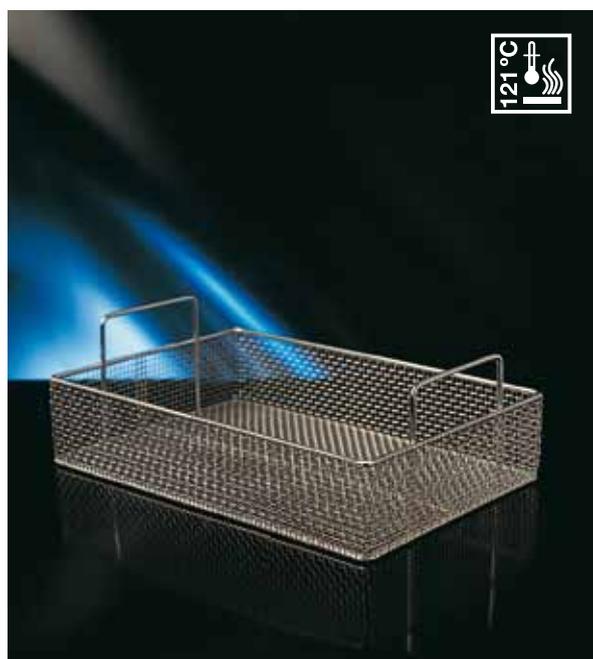
| | | | | |
|--------------|-----------------|---|------|-------|
| H-260 | 480 x 298 x 150 | 1 | 1.18 | 0.021 |
|--------------|-----------------|---|------|-------|

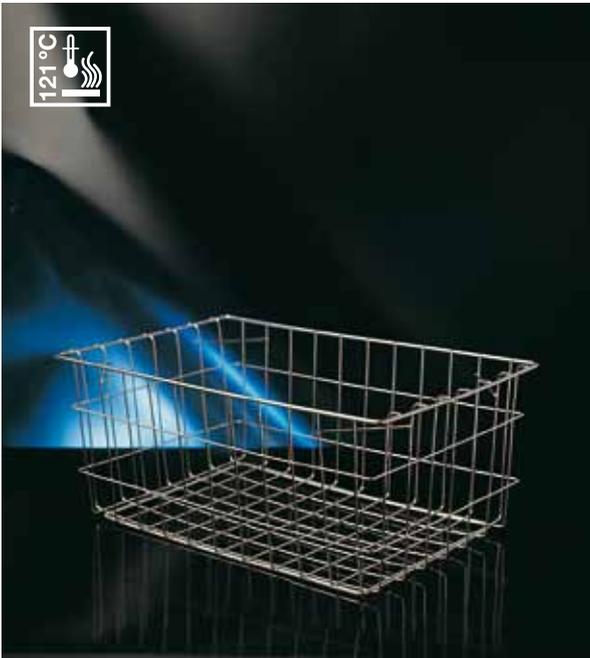


Instrument trays

Made of stainless steel thick woven mesh. Reinforced construction to withstand weight. With not folding handles.

| code | length x width x height mm | quantity | weight | volume |
|--------------|-------------------------------|----------|--------|--------|
| T-200 | 367 x 238 x 77 | 1 | 0.98 | 0.0070 |
| T-210 | 360 x 260 x 80 | 1 | 1.12 | 0.0075 |





Baskets for autoclave

Stackable baskets made of stainless steel.

| code | length x width x height mm | quantity | weight | volume |
|--------------|----------------------------|----------|--------|--------|
| H-290 | 470 x 300 x 200 | 1 | 1.095 | 0.0285 |
| H-295 | 570 x 300 x 200 | 1 | 1.228 | 0.0345 |



Square baskets with optional lid

Made of stainless steel. Feature a strong woven mesh base. Baskets have a folding handle for more convenience and are available with or without lid. To order baskets with lids, simply add **T** to the end of product code (ex: **H-200T** to order the first model with a lid). Minimum order quantity: 5 units. Other models with internal divisions are available on request. Please ask our commercial department for more details.

| code | length x width x height mm | quantity | weight | volume |
|--------------|----------------------------|----------|--------|--------|
| H-200 | 118 x 118 x 144 | 1 | 0.252 | 0.0020 |
| H-210 | 160 x 160 x 140 | 1 | 0.324 | 0.0035 |
| H-215 | 139 x 139 x 139 | 1 | 0.270 | 0.0027 |
| H-220 | 210 x 210 x 180 | 1 | 0.524 | 0.0080 |
| H-240 | 300 x 300 x 200 | 1 | 0.778 | 0.0180 |



Round baskets with handle

Made of stainless steel, the base of these baskets is reinforced by a thick stainless steel mesh for added strength. Baskets feature a folding handle for more convenience. Other models with inner crossed dividers are available on request. Please ask our commercial department for more details.

| code | height mm | diameter mm | quantity | weight | volume |
|--------------|-----------|-------------|----------|--------|--------|
| R-200 | 125 | 150 | 1 | 0.265 | 0.0020 |
| R-215 | 150 | 200 | 1 | 0.350 | 0.0035 |
| R-220 | 200 | 200 | 1 | 0.528 | 0.0040 |
| R-230 | 180 | 208 | 1 | 0.550 | 0.0040 |
| R-240 | 180 | 230 | 1 | 0.560 | 0.0040 |
| R-250 | 180 | 240 | 1 | 0.570 | 0.0045 |



Stainless steel basket for blood collection

Manufactured in stainless steel. Ideal to collect blood samples at hospital chambers, and carry them to and inside the laboratory.

The basket includes:

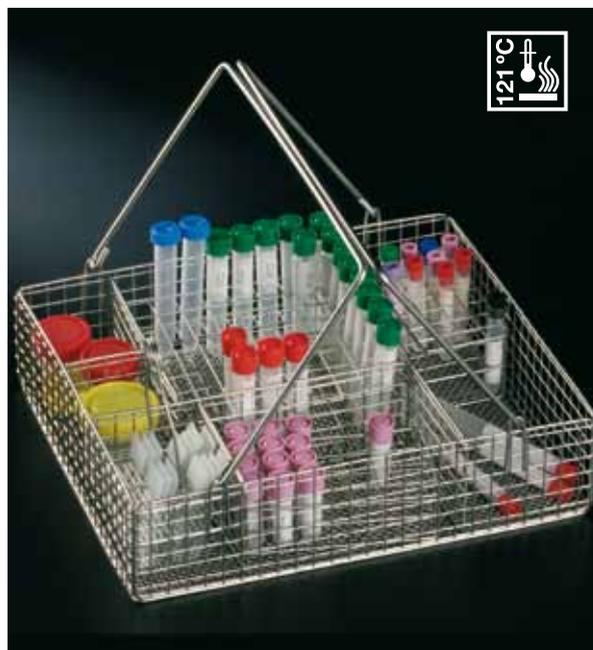
Picture A: A-295, rack for 64, 10 ml tubes (95 x 15 mm).

Picture B: B-240, rack for 24, 5 ml tubes (75 x 12 mm).

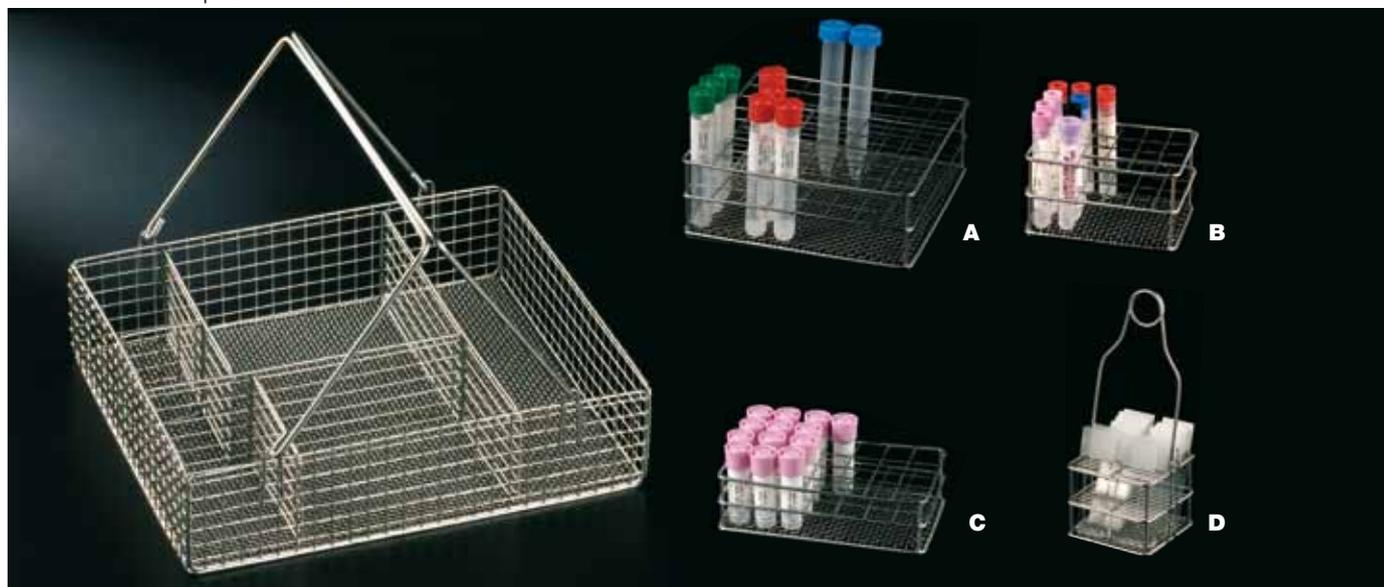
Picture C: A-261, rack for 28, 5 ml tubes (50 x 15 mm flat bottom).

Picture D: CP-24, small-sized basket for 24 slides vertically placed.

| code | description | length x width x height mm | quantity | weight | volume |
|-------|-------------------|----------------------------|----------|--------|--------|
| H-401 | basket with racks | 340 x 290 x 85 | 1 | 1.340 | 0.0083 |



Code **H-401** is compound of:



Racks are supplied with no tubes nor slides.

Plastic tray for blood collection tubes

Made of sturdy autoclavable polypropylene. Colour: white Ideal to carry material from lab to patient. Designed for flexibility and versatility, this tray can be arranged to meet your specific needs. It includes two 40-place test tube supports (for tubes up to Ø 16 mm) and one 18-place slide holder (for 76 x 26 mm slides), a large requisition section, and adjustable partitions to hold varied materials. The handle is formed by an end mounted, detachable loop that is 178 mm high.

| code | dimensions mm | quantity | weight | volume |
|-------|----------------|----------|--------|--------|
| M-300 | 356 x 292 x 51 | 1 | 0.26 | 0.030 |





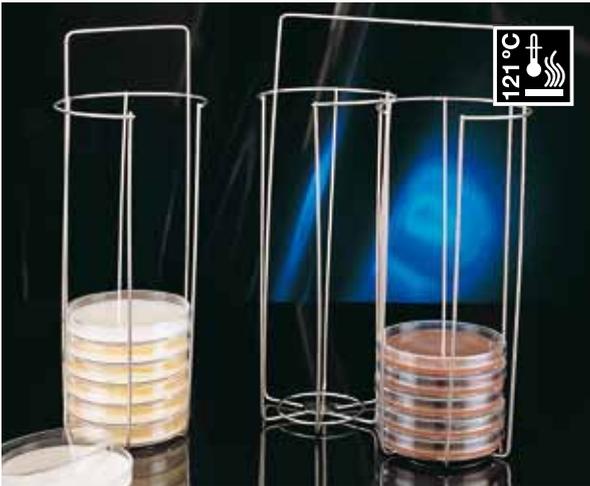
Racks for bags

Made of stainless steel, specially designed for Stomacher type homogenizer bags. Dimensions 390 x 200 x 240 mm.

See bags on chapter 15.

| code | description | quantity | weight | volume |
|-------|----------------------|----------|--------|--------|
| 15006 | rack for 14 bags | 1 | 1.1 | 0.140 |
| 15007 | clips to adjust bags | 10 | 0.2 | 0.001 |

Customer-designed models can be produced. Please ask the commercial department.



Petri dish baskets

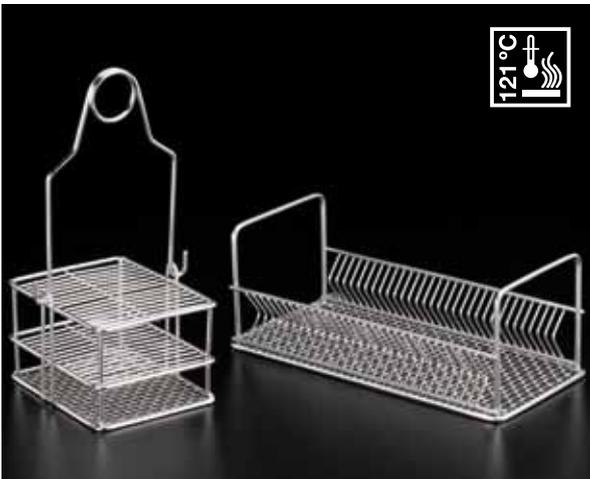
These stainless steel baskets are suitable for dishes of diameter up to 10 cm. Two models available to hold 10 or 20 Petri dishes

| code | description | dimensions* mm (height without handle) | height handle mm | case quantity | case weight | case volume |
|-------|-----------------------------------|--|------------------|---------------|-------------|-------------|
| H-600 | 1 section, holds up to 10 dishes | 105x110x250 | 105 | 1 | 0.13 | 0.005 |
| H-601 | 2 sections, holds up to 20 dishes | 105x215x250 | 100 | 1 | 0.28 | 0.009 |

*Length x width x height.

Height with handle: 360 mm.

We can supply customer-designed models.



Special baskets and trays for slides

Baskets are manufactured from stainless steel wire. Cuvettes are made of neutral glass and feature stainless steel lids.

Models **CP-24**, **CP-30**, **CP-50** have folding handles.

| code | description | dimensions mm | case quantity | case weight | case volume |
|---------|---------------------------------|---------------|---------------|-------------|-------------|
| CP-30 H | basket for 30 horizontal slides | 172 x 86 | 1 | 0.150 | 0.0011 |
| CP-45 H | basket for 45 horizontal slides | 235 x 85 | 1 | 0.186 | 0.0015 |
| CP-30 | basket for 30 vertical slides | 70 x 90 | 1 | 0.110 | 0.0004 |



See more staining systems in chapter 4.

Histology, microscopy and staining



Stainings racks for microscope slides

Made of stainless steel.

| code | description | quantity | weight | volume |
|-------|--|----------|--------|--------|
| S-004 | for 12 slides length: 435 width: 85 | 1 | 0.210 | 0.0020 |
| S-002 | for 24 slides length: 435 width: 175 | 1 | 0.410 | 0.0030 |
| S-003 | without divisions length: 435 width: 85 | 1 | 0.170 | 0.0020 |







TUBES WITH 2d DATA MATRIX CODIFICATION

PP high quality tubes with U bottom made in clean room **ISO Class 7** designed to give the best traceability and maximum security for the samples. They accomplish the following:

2D datamatrix code on the bottom of the tube and lateral human readable alphanumeric codification on the side. Laser engraved code.

Solid one-piece construction.

Maximum capacity in the minimum space. Optimization of the capacity of the freezer: from 15% plus of samples than with other brands in the same freezer.

Low adherence PP, low cytotoxicity and extractable levels, and **DNase, RNase, human DNA and Endotoxines/Pyrogens free.**

Allows storage up to **-86 °C.**

Autoclavables at 121 °C.

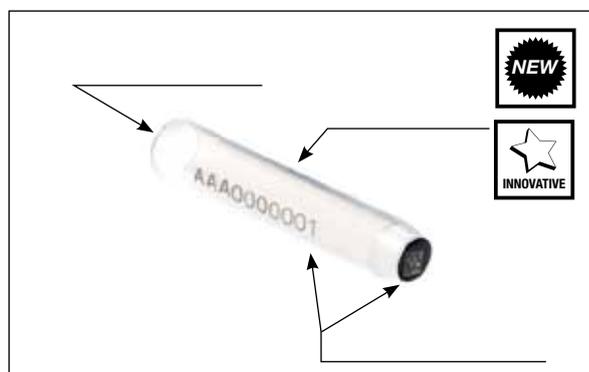
Availability of traceability files in the web site: www.wilmut.es.

Wilmut 2D standard tubes (W-2DST) *

The tubes have a unique and randomized code.

| code | gross volume ml | net volume ml | presentation | min. order quantity | case quantity | case weight | case volume |
|----------------|-----------------|---------------|--------------|---------------------|---------------|-------------|-------------|
| W053100 | 0.65 | 0.5 | bag | 960 u. | 40x960 | 12.9 | 0.096 |
| W123100 | 1.4 | 1.2 | bag | 960 u. | 20x960 | 11.9 | 0.096 |
| W053960 | 0.65 | 0.5 | coded rack | 20x96 | 6x20x96 | 12 | 0.055 |
| W123960 | 1.4 | 1.2 | coded rack | 20x96 | 6x12x96 | 13 | 0.055 |

*Availability in sterile presentation and usp grade pp. For more information contact our sales dept.



Wilmut 2D Right Position (W-2DRP) *

The tubes are visually linked to the rack and each tube has its position inside the rack.

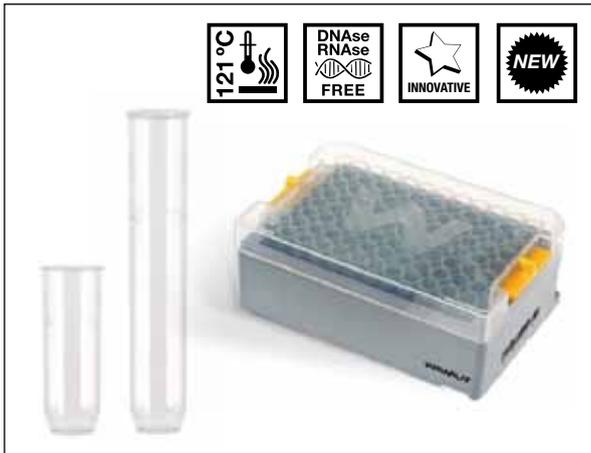
| code | gross volume ml | net volume ml | presentation | min. order quantity | case quantity | case weight | case volume |
|----------------|-----------------|---------------|--------------|---------------------|---------------|-------------|-------------|
| W052960 | 0.65 | 0.5 | coded rack | 20x96 | 6x20x96 | 12 | 0.055 |
| W122960 | 1.4 | 1.2 | coded rack | 12x96 | 6x12x96 | 13 | 0.055 |

*Availability in sterile presentation and usp grade pp. For more information contact our sales dept.



NON CODED TUBES

Made with high quality PP, with volume indicator in the tube, **autoclavables at 121 °C** and allows storage up to **-86 °C**.



Wilmut Seroteca (W-SER)

Low adherence PP, low cytotoxicity and extractable levels, and **DNase, RNase, human DNA and Endotoxines/Pyrogens free**.

| code | gross volume ml | net volume ml | presentation | min. order quantity | case quantity | case weight | case volume |
|----------------|-----------------|---------------|--------------|---------------------|---------------|-------------|-------------|
| W051100 | 0.65 | 0.5 | bag | 960 u | 40x960 | 12.9 | 0,096 |
| W121100 | 1.4 | 1.2 | bag | 960 u | 20 x 960 | 11.9 | 0,096 |
| W051960 | 0.65 | 0.5 | rack | 20x96 | 6x20x96 | 12 | 0,055 |
| W121960 | 1.4 | 1.2 | rack | 12x96 | 6x12x96 | 13 | 0,055 |
| W059960 | 0.65 | 0.5 | coded rack | 20x96 | 6x20x96 | 12 | 0,055 |
| W129960 | 1.4 | 1.2 | coded rack | 12x96 | 6x12x96 | 13 | 0,055 |



Wilmut Eco (W-ECO)

These racks are made of recycled materials.

| code | gross volume ml | net volume ml | presentation | min. order quantity | case quantity | case weight | case volume |
|----------------|-----------------|---------------|--------------|---------------------|---------------|-------------|-------------|
| W058100 | 0.65 | 0.5 | bag | 960 u | 40x960 | 12.9 | 0.096 |
| W128100 | 1.4 | 1.2 | bag | 960 u | 40x960 | 11.9 | 0.096 |
| W058960 | 0.65 | 0.5 | rack | 18x96 | 18x96 | 1.56 | 0.069 |
| W128960 | 1.4 | 1.2 | rack | 10x96 | 10x96 | 1.55 | 0.069 |

WILMUT ACCESSORIES

Wilmut offers a wide range of accessories to complement all the range of wilmut tubes.



Plug Style caps W-SEAL*

Made with high quality TPE that assures a perfect adjustment with the tube and an hermetic sealing at temp. up to **-86 °C**.

Available in different colors for visual sample identification.

| code | presentation | colour | case quantity | case weight | case volume |
|----------------|-----------------|---------|---------------|-------------|-------------|
| W999600 | sheet 10x96 | natural | 35x10x96 | 6.08 | 0.026 |
| W999601 | sheet 10x96 | blue | 35x10x96 | 6.08 | 0.026 |
| W999602 | sheet 10x96 | black | 35x10x96 | 6.08 | 0.026 |
| W999603 | sheet 10x96 | red | 35x10x96 | 6.08 | 0.026 |
| W999604 | sheet 10x96 | yellow | 35x10x96 | 6.08 | 0.026 |
| W990000 | bag 960 u | natural | 70x960 | 9.22 | 0.026 |
| W990001 | bag 960 u | blue | 70x960 | 9.22 | 0.026 |
| W990002 | bag 960 u | black | 70x960 | 9.22 | 0.026 |
| W990003 | bag 960 u | red | 70x960 | 9.22 | 0.026 |
| W990004 | bag 960 u | yellow | 70x960 | 9.22 | 0.026 |
| W990082 | bag 960 u - ECO | black | 70x960 | 9.22 | 0.026 |



PET 8 strip caps polyethylene

High quality polyethylene 8 strip caps.

| code | presentation | case quantity | case weight | case volume |
|----------------|--------------|---------------|-------------|-------------|
| W992960 | bag 120x8 | 35 | 6.2 | 0.026 |

PP WILMUT CRYOBOXES

PP Cryoboxes with standard SBS 96-well format with security closers easy to open even when are frozen.

W-RACK 96 Cryoboxes*

Made with high quality PP, resistant up to **-86 °C** and autoclavable at **121 °C**.

| code | description | case quantity | case weight | case volume |
|---------|--------------------------------|---------------|-------------|-------------|
| W000050 | cryobox for 0.65 ml tube | 18 | 1.14 | 0.0069 |
| W000120 | cryobox for 1.2 ml tube | 10 | 1.16 | 0.0069 |
| W000059 | coded cryobox for 0.65 ml tube | 18 | 1.14 | 0.0069 |
| W000129 | coded cryobox for 1.2 ml tube | 10 | 1.16 | 0.0069 |

*Available with cryolabel compatible with liquid handling robots.
Please ask the commercial department.



Cryoboxes W-ECO RACK 96

Made with recycled PP.

| code | description | case quantity | case weight | case volume |
|---------|--------------------------|---------------|-------------|-------------|
| W000051 | cryobox for 0.65 ml tube | 18 | 1.03 | 0.0069 |
| W000121 | cryobox for 1.2 ml tube | 10 | 1.03 | 0.0069 |

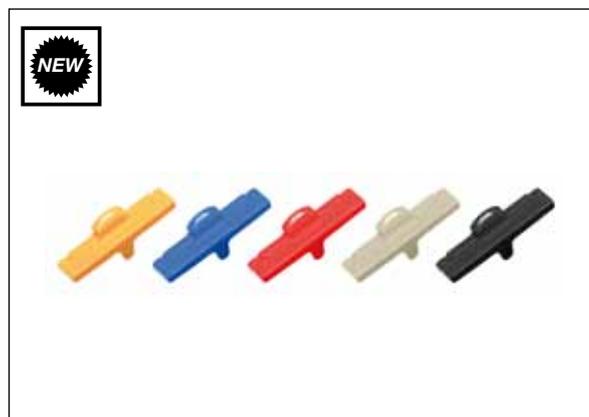


Clousers W-LOCK

Clousers for Wilmutw-RACK and W-ECO.

Available in different colors for visual identification of the sample.
Made with POM with high resistance to impact and deformation.

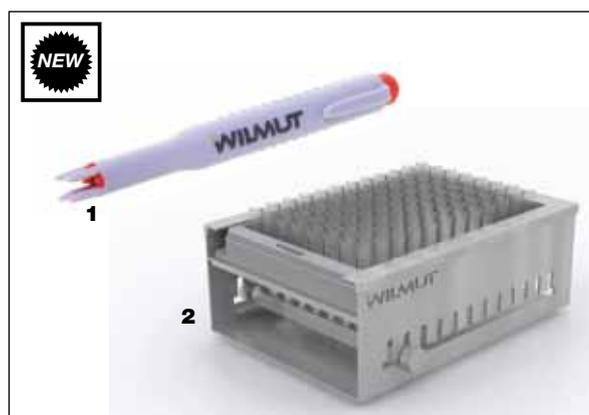
| code | description | case quantity | case weight | case volume |
|---------|--------------------|---------------|-------------|-------------|
| W700000 | bolsa 50 - natural | 35x50 | 2.64 | 0.026 |
| W700001 | bolsa 50 - blue | 35x50 | 2.64 | 0.026 |
| W700002 | bolsa 50 - black | 35x50 | 2.64 | 0.026 |
| W700003 | bolsa 50 - red | 35x50 | 2.64 | 0.026 |
| W700004 | bolsa 50 - yellow | 35x50 | 2.64 | 0.026 |



PICKERS W-PICKER AND W-MULTIPICKER

Tools designed for easily pick tubes from W-rack, one at a time or in strips of 8.
Compatible with the whole range of Wilmut tubes, capped or non capped.

| code | tubes capacity | presentation | case quantity | case weight | case volume |
|-----------|----------------|--------------|---------------|-------------|-------------|
| 1 W000040 | 1 | 1 | 40 | 1 | 0.005 |
| 2 W000048 | 8 | 1 | 6 | 6 | 0.004 |



W



HAND OPERATED CAPPER W-CAPP10

Enables to capper up to 96 tubes at a time of any existing brand in SBS format. Compatible with the whole range of Wilmut tubes, 1,2 ml and 0,65 ml with an adapter.

Made of top quality materials.

| code | description | case quantity | case weight | case volume |
|---------|-------------|---------------|-------------|-------------|
| W000010 | capper | 1 | 3,5 | 0,013 |



AUTOMATIC CAPPER W-CAPP96

Enables to cap up to 96 tubes at a time of any existing brand in SBS format. Compatible with the whole range of Wilmut tubes, 1,2 ml and 0,65 ml with an adapter.

Compatible with robotic stations.

| code | description | case quantity | case weight | case volume |
|---------|-------------|---------------|-------------|-------------|
| W000020 | capper | 1 | 15 | 0,056 |



DECCAPERS W-DECAP

Made of aluminium.

Autoclavables and resistant to UV decontamination. Enable to easily remove caps from the tubes, one at a time or in rows of 8 caps.

| code | description | presentation | case quantity | case weight | case volume |
|---------|-------------------------------|--------------|---------------|-------------|-------------|
| W000011 | decapper for 1 tube | 5 | 30x65 | 4,8 | 0,005 |
| W000018 | decapper for a row of 8 tubes | 5 | 30x65 | 4,8 | 0,005 |



CRYOLABELS W-LABELS*

Resistant to low temperature and immersion in liquid Nitrogen.

Available for all kinds of tubes, cryoboxes and cryoracks.

| code | sizes (mm) | presentation (rolls of units) |
|---------|-------------|-------------------------------|
| W092170 | 10x25 | 4,500 |
| W092171 | 19x25 | 2,500 |
| W092221 | 11x55 + cap | 3,000 |
| W037100 | 11x37 | 2,000 |
| W025100 | 32x25 | 2,000 |
| W092006 | 6x56 | 3x3,000 |



WILMUT TRACEABILITY MANAGEMENT

Wilmut offers all the tools for an easy and complete traceability of the samples. From our web site: www.wilmut.es you can download all the files of the complet 96 tubes cryobox that a bed sancanner would generate. This allows to work with 2D code tubes without an scanner.



2D Bed Scanner W-DATAPAQ 96

Allows to scann 96 tubes rack in just 10 seconds. Integrates fully into robotic platforms. Surface treated specially for avoiding errors while reading freezed tubes.

| code | description | case quantity | case weight | case volume |
|---------|--------------------------|---------------|-------------|-------------|
| W009680 | bed scanner for 96 tubes | 1 | 2.8 | 0.014 |



2D and 1D manual code reader W-RADER

Scan of tubes, boxes, or cryoracks one by one. They are supplied with a support that allows their use in an automatic way. Allows the reading of codes on shiny surfaces.

| code | description | case quantity | case weight | case volume |
|---------|----------------------|---------------|-------------|-------------|
| W001400 | USB code reader | 1 | 0,8 | 0,0031 |
| W003500 | wireless code reader | 1 | 0,8 | 0,0041 |



SAMPLE MANAGEMENT SOFTWARE*

Powerful tool for sample management that allows to have a complete traceability of samples that can include: information of the initial sample, codes, processing, storage, search tools, etc.

*For more inforamtion contact our sales dept.



METALIC CRYORACKS FOR SAMPLE STORAGE



Space optimization and organization of biological samples. Made with high quality materials compatible and adaptable to any storage format: boxes, racks, tubes, moulds, etc., and all types of cryostorage equipment: refrigerators, freezers, deep freezers, nitrogen tanks, walk in cool rooms, etc. We produce all sort of metallic racks: vertical, horizontal, cell system racks, tray racks, etc., including also customized solutions to adapt to the customer needs.

Three cryorack ranges:

- **Aluminum Range:** Made of aluminum
- **Standard Range:** Made of Stainless Steel type 304
- **Premium Range:** Made of Stainless Steel type 304 with extra advantages to improve the traceability and the cool transmission to the samples.

For more information contact our sales dept



CRYOGENIC STORAGE BOXES



W-Coat

Vegetal fiber storage boxes for biological samples to temp down to **-196 °C**. Made with a special moisture repellent coating to ensure greater durability. They are supplied assembled and include divider.

| code | colour | case size mm | dividers | cells Ø mm | case quantity | case weight | case volume |
|----------------|--------|--------------|----------|------------|---------------|-------------|-------------|
| W350900 | white | 50x133x133 | 9x9 | 13 | 36 | 3.4 | 0.034 |
| W370900 | white | 75x133x133 | 9x9 | 13 | 36 | 4.0 | 0.053 |
| W310900 | white | 100x133x133 | 9x9 | 13 | 36 | 4.9 | 0.073 |

Available in different box colours and different dividers for all sort of tubes. Contact our commercial department.



W-Coat AIY

Assemble it yourself vegetal fiber storage boxes for biological samples to temp down to **-196 °C**. Made with a special moisture repellent coating to ensure greater durability.

| code | description | case quantity | case weight | case volume |
|-----------------|--------------------------------|---------------|-------------|-------------|
| Boxes | | | | |
| W350990 | 50x133x133 mm | 36 | 1.8 | 0.037 |
| W370990 | 75x133x133 mm | 36 | 3.2 | 0.055 |
| W310990 | 100x133x133 mm | 36 | 3.7 | 0.073 |
| Dividers | | | | |
| W030930 | 9x9 de Ø 13 mm, height 30 mm | 36 | 0.8 | 0.004 |
| W031030 | 10x10 de Ø 12 mm, height 30 mm | 36 | 0.8 | 0.004 |
| W030965 | 9x9 de Ø 13 mm, height 65 mm | 36 | 1.5 | 0.007 |

Dividers available in other sizes. Contact our commercial department.



delt

500

APP

delt

500 ml



alab

ml

ROX. VOL.

400

300

200

100

alab

500 ml



Safety containers

Containers manufactured with virgin raw materials enabling incineration; four and six liters containers are made in autoclavable polypropylene, the rest in polyethylene. Suitable for solid waste type II and III (see page 243).

They are compound by a body bearing the hazard warning label, and two lids:

- The first offers an entire opening, taking advantage of the total diameter of the mouth of the container; very useful to throw away bigger volume waste. May be closed hermetically and definitively
- The secondary one presents a partial opening, which may be closed temporarily or definitively. It embodies two devices in order to easy the extraction/disconnection of dental and analytical needles, and a 70 x 42 mm rectangular orifice. All containers, excepting code **241500**, embody a handle

In accordance with major European and international standards (ONU ADR, ISO 6706, BS 5404, etc.)

| mod. | code | capacity l | material (body and lid) | Ø mouth mm | Ø base mm | height mm | case quantity | case weight | case volume | cases per pallet |
|------|---------------|------------|-------------------------|------------|-----------|-----------|---------------|-------------|-------------|------------------|
| 1 | 241500 | 1.5 | PE | 148 | 122 | 134 | 60 | 10.26 | 0.120 | 12 |
| 2 | 242000 | 2.0 | PE | 148 | 122 | 162 | 60 | 10.10 | 0.116 | 12 |
| 3 | 244000 | 4.0 | PP | 195 | 175 | 172 | 40 | 11.68 | 0.147 | 12 |
| 4 | 246000 | 6.0 | PP | 220 | 193 | 201 | 20 | 7.82 | 0.146 | 12 |
| 5 | 240007 | 7.0 | PE | 210 | 178 | 240 | 20 | 8.92 | 0.144 | 12 |



Needle collection container

Made of high density polyethylene. Instructions for use (in English and Spanish) are printed on the containers.

Suitable for waste type III (see page 243).

Capacity: 1 l.

It features two caps.

The first one has a mouth which embodies three different devices to remove needles.

The other one is designed to close the container temporarily or definitively.

Can be incinerated without release of toxic fumes, like all our containers.

| code | colour | dimensions mm | case quantity | case weight | case volume |
|---------------|--------|---|---------------|-------------|-------------|
| 241400 | yellow | Ø mouth 70; Ø base 100; height with cap 173 | 76 | 7.9 | 0.15 |





Safety containers

These containers are manufactured in virgin raw materials enabling incineration.

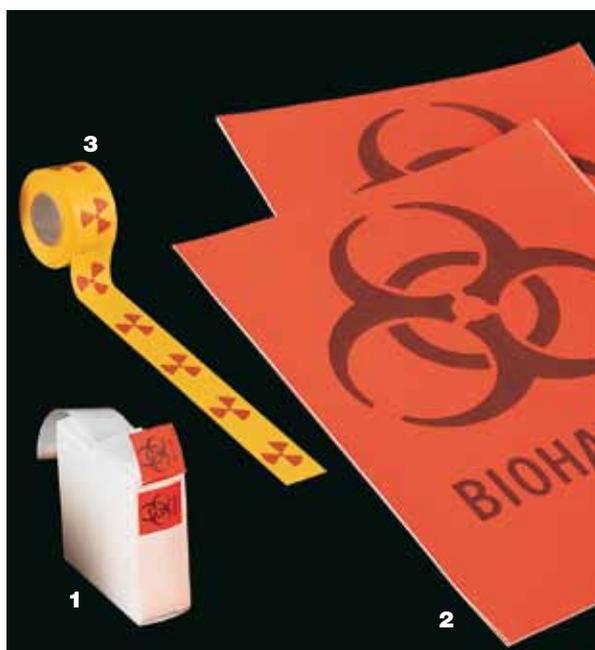
Suitable for solid waste type II and III.

They are compound by a body bearing the hazard warning label, a handle, and two lids, allowing two using options:

- Total opening, taking advantage of the total diameter of the mouth of the container; very useful to throw away bigger volume waste
- Partial opening, 120 mm diameter, usable for syringes, contact plates, and midsize waste

In accordance with ONU ADR, ISO 6706, BS 5404 standards and major European standards.

| mod. | code | capacity l | material (body and lid) | Ø mouth mm | Ø base mm | height mm | sales unit | sel.ut. weight | sel.ut. volume | cases per pallet |
|------|---------------|------------|-------------------------|------------|-----------|-----------|------------|----------------|----------------|------------------|
| 1 | 240011 | 11 | PE PP | 260 | 226 | 255 | 10 | 4.69 | 0.050 | 40 |
| 2 | 240021 | 20 | PE PP | 323 | 277 | 328 | 10 | 9.39 | 0.090 | 19 |
| 3 | 240028 | 25 | PE PE | 323 | 283 | 387 | 10 | 9.71 | 0.100 | 13 |



Safety labelling

Permanent adhesion labelling to alert from risk or danger.

Labels are shiny and fluorescent.

In compliance with international safety standards.

Recommendable temperature of use:

- Codes **901531**, **901533**: from **-50 °C** to **105 °C**
- Code **901538**: from **4 °C** to **105 °C**

| mod. | code | description | bag quantity | bag weight | bag volume |
|------|---------------|---|--------------|------------|------------|
| 1 | 901531 | roll of 500 labels (labels size 25 x 25 mm) | 1 | 0.06 | 0.0002 |
| 2 | 901533 | bag of 10 units 200 x 250 mm | 10 | 0.06 | 0.001 |
| 3 | 901538 | roll of 13 m x 25 mm | 12 | 0.57 | 0.001 |



Safety containers

Manufactured in polypropylene, they are also shockproof, perforation and solvents resistant, and can be incinerated. Two ways of locking: provisional; and permanent. **Autoclavables**. Portable models **260000** and **232806** are designed to be easy opened and closed with just one hand.

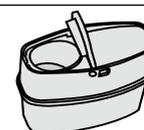
- 232810**, 0.20 l capacity. Approximate capacity for 100 needles. Suitable for needles and lancets. Device **type A**. Easy opening and closure with just one hand.
- 260000**, 0.45 l capacity. Designed for those people who need regular injections and have to carry a needle container. With a device **type B** and a handle. Black colour.
- 232811**, 0.45 l capacity. Similar to the previous model, but in yellow colour, and featuring **device C**.
- 232806**, 0.6 l capacity. Usable for insulin needles, it is also right for complete syringes. Features a device **type A** and a handle on one side.
- 232809**, 1 l capacity. Suitable in places where waste quantity to be disposed of is small. With a handle and devices **A and C**.
- 232808**, 2 l capacity. Features devices **type D**.
- 232801**, 4 l capacity. The most used container for discarding residues in general. Embodies devices **type D** and a handle.
- 232802**, 7 l capacity. Its height makes it ideal for contaminated pipettes. With devices **type D**.

All models, excepting **232810**, **232811**, **260000**, and **232806**, embody a socket to place needle caps in vertical position. All of them are in accordance with ADR (UN). Excepting portable models (**260000**, and **232806**) the others are also in accordance with BS 7320, TRBA250 and AFNOR NF X 30 500 standards. These models are constantly updated; design can be slightly modified. Suitable for solid waste type II and III.

| mod. | code | capacity l | container dimensions mm | opening devices | useful capacity l | container weight g | case quantity | case weight | case volume |
|------|---------------|------------|-------------------------|-----------------|-------------------|--------------------|---------------|-------------|-------------|
| 1 | 232810 | 0.20 | 79 x 37 x 146 | A | 0.20 | 64 | 100 | 6.2 | 0.040 |
| 2 | 260000 | 0.45 | 105 x 50 x 167 | B | 0.35 | 88 | 100 | 10.0 | 0.080 |
| 3 | 232811 | 0.45 | 105 x 50 x 167 | C | 0.35 | 88 | 100 | 9.8 | 0.080 |
| 4 | 232806 | 0.60 | 110 x 55 x 220 | A | 0.47 | 112 | 100 | 12.3 | 0.112 |
| 5 | 232809 | 1.00 | 107 x 90 x 190 | A+C | 0.81 | 125 | 100 | 13.7 | 0.093 |
| 6 | 232808 | 2.00 | 195 x 120 x 170 | D | 1.60 | 216 | 50 | 12.5 | 0.092 |
| 7 | 232801 | 4.00 | 175 x 175 x 248 | D | 3.00 | 310 | 50 | 17.4 | 0.130 |
| 8 | 232802 | 7.00 | 175 x 175 x 382 | D | 5.60 | 434 | 50 | 23.0 | 0.190 |

DEVICES:

- Oval aperture for syringes and lancets.
- Removal of needles with non return system.
- Removal of luerlock, luer slip and pen needles.
- Five kinds of aperture: a wide one to discard elements of medium size; another one designed to remove scalpel blades; one to remove luerlock and blood collection systems; to remove butterfly and luer slip needles and the last one for insulin pen.



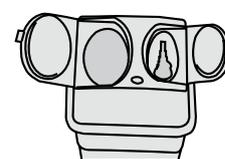
A
mod. 1, 4



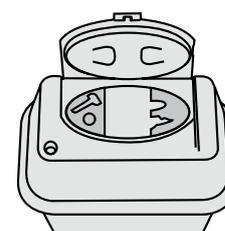
B
mod. 2



C
mod. 3



A+C
mod. 5



D
mod. 6, 7, 8



1 2



Cardboard waste containers

Cardboard containers with lid, designed for storage and disposal of group II solid and semi-solid waste. With an integrated low density polyethylene bag (stuck in their interior). They can be incinerated without release of toxic fumes. The lid features two seals. One temporary that will avoid unpleasant smells and eliminate the risk of contamination while using the container. The second one is a definitive, positive seal: closing the bag with a belt already included, sealing the lids, and reinforcing them with an adhesive tape.

These containers embody lateral handles.

Model 3, code **250050**, 50 l capacity, is made of cardboard 2.7 mm minimal thick. PEBD 60 µ bag, adhered to the base and the walls. **Its height allows users not to need to lean forward as they throw away waste.** Easy to assemble thanks to its auto-mountable bottom. A maximum filling line is printed on its body.

Model 4, code **270045**, 50 l capacity, is manufactured in **reinforced cardboard, double thickness** (4 mm minimum). PEBD bag 54 µ adhered to the base. Safe closure with the help of raised edges. Both are printed with the biohazard anagram and text; assembling and closing instructions and drawings; identification formulary, and standards. In accordance with UN ADR (road transport), and manufactured pursuant to ISO 9001 standards. Containers are supplied folded up for space-saving. Those containers are not suitable for needle disposal. For this purpose see the special containers on previous pages.

| mod. | code | quantity | capacity l | container dimensions mm | maximum load kg | weight ut. g | pallet dimensions | pallet quantity |
|------|---------------|----------|------------|-------------------------|-----------------|--------------|-------------------|-----------------|
| 3 | 250050 | 10 | 50 | 263 x 263 x 756 | 12.5 | 642 | 100 x 120 x 180 | 40 x 10 |
| 4 | 270045 | 10 | 50 | 290 x 377 x 490 | 18.0 | 930 | 120 x 100 x 220 | 300 |

Clasificación of waste by type:

Type I waste: medical waste treated as municipal waste. Easy management (cardboard, paper, office equipment, kitchens, garages, gardening and non-infectious patients waste).

Type II waste: non specific medical waste. Preventive measures in the handling, collection, storage and transport in the field of health center (dressing materials, plasters, clothing and single-use material contaminated with blood, secretions and/or excretions).

Type III waste: specific health waste or risk waste. Preventive measures in the handling, collection, storage, transportation, treatment and disposal, as they may pose a health risk to workers and the public. They can be divided into 5 groups: medical waste or infectious anatomical waste, blood and blood products in liquid, needles, sharps and live attenuated vaccines.

Type IV waste: waste specified in singular regulations. Subject to especial requirements from the point of view of hygiene and environment. Include: cytostatic waste,

chemical residues, expired pharmaceuticals, minerals and synthetic oils, waste metals, radioactive waste and human anatomical remains entity.

Source: NTP 372 – Spanish National Institute of Safety and Health at Work.

Rectangular waste containers (PP)

Made of yellow, perforation resistant, virgin polypropylene. Suitable for solid or semi-solid waste, II and III groups. Lids feature a central handle for a better handling in the daily use and also while carrying containers.

Secure closure thanks to their fourteen closing points. Lateral handles for further help carrying. Can be incinerated with no release of toxic fumes. Stackable when empty, or full and closed. Minimum wall thickness: 2.5 mm.

In accordance with UN ADR and AFNOR NF X30 500. Manufactured following ISO 9002 and ISO 14001.

| mod | code | quantity | capacity l | container dimensions mm | maximum load (ADR) kg | weight ut. g | pallet dimensions | pallet quantity |
|-----|---------------|----------|------------|-------------------------|-----------------------|--------------|-------------------|-----------------|
| 1 | 240035 | 10 | 30 | 415 x 314 x 373 | 14 | 1,400 | 80 x 120 x 200 | 130 |
| 2 | 240065 | 10 | 60 | 415 x 314 x 575 | 25 | 2,000 | 80 x 120 x 200 | 115 |

Bags for Autoclave

Printed with the biohazard graphic symbol and instructions of use in five languages. Do not close the bags hermetically when placing them in the autoclave.

| code | dimensions cm | aprox. capacity l | thickness microns | bag quantity | bag weight | bag volume |
|--------|---------------|-------------------|-------------------|--------------|------------|------------|
| 200100 | 50 x 75 | 24 | 30 | 100 | 1.61 | 0.006 |
| 200310 | 30 x 60 | 27 | 35 | 500 | 6.00 | 0.011 |
| 200311 | 40 x 75 | 45 | 40 | 300 | 6.35 | 0.022 |
| 200312 | 60 x 75 | 68 | 40 | 200 | 6.35 | 0.020 |
| 200318 | 75 x 90 | 100 | 40 | 100 | 4.40 | 0.011 |

Minimum order quantity: 50.000 pieces.



Autoclave resistant red bags

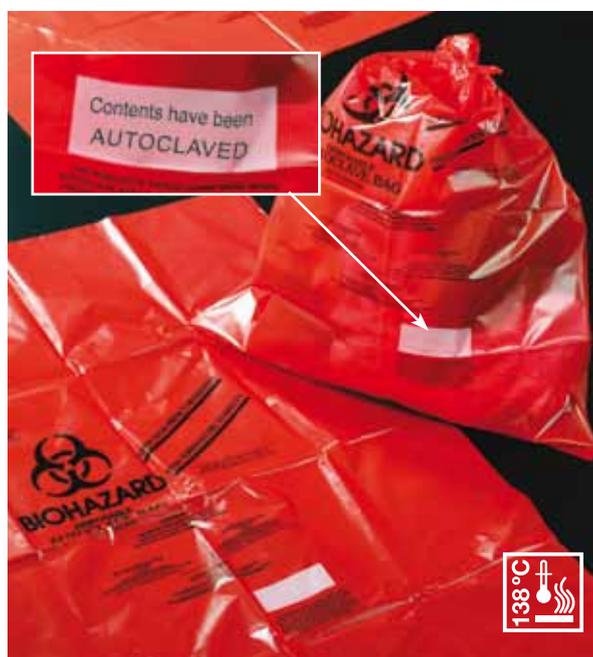
Heavy duty, high impact biohazard bags made of a 0.055 mm thick high molecular weight polypropylene blend.

They are **autoclavable** to **138 °C**, saving autoclave time.

Bags printed with the standard biohazard warning symbol and precautionary procedures in four languages: English, Spanish, French and German.

They feature a **sterilization indicator** patch that darkens when exposed to steam sterilization. Do not close the bags hermetically when placing them in the autoclave.

| code | dimensions cm | volume l | case quantity | case weight | case volume |
|--------|---------------|----------|---------------|-------------|-------------|
| 200320 | 48 x 58 | 24.4 | 200 | 5.10 | 0.011 |
| 200321 | 65 x 91 | 75.1 | 200 | 10.14 | 0.020 |
| 200322 | 78 x 96 | 121.0 | 200 | 13.25 | 0.029 |



Bottles for sterilization

Made of soda glass 3.3. **Autoclavable** up to **140 °C**.

Graduations printed in white colour. Screw caps made of blue polypropylene. Ribbed screw caps for a better handling.

Drip ring on bottle neck to avoid dripping. Ideal for chemical reagents and culture media.

They can be used to freeze substances up to **-40 °C**.

It is recommended to freeze them in an inclined position (ca 45°) and filled up to max. 3/4.

| code | capac. ml | screw | Ø ext. mm | height mm | case quantity | case weight | case volume |
|--------|-----------|-------|-----------|-----------|---------------|-------------|-------------|
| 402001 | 100 | GL45 | 56 | 100 | 10 | 1.74 | 0.005 |
| 402002 | 250 | GL45 | 70 | 138 | 10 | 2.60 | 0.009 |
| 402005 | 500 | GL45 | 86 | 176 | 10 | 3.86 | 0.016 |
| 402010 | 1,000 | GL45 | 101 | 225 | 10 | 6.12 | 0.029 |
| 402020 | 2,000 | GL45 | 136 | 260 | 10 | 10.54 | 0.059 |





Sterilization indicator tapes

Self-adhesive sterilisation indicator tapes made of semicreped paper. It sticks on different surfaces such as plastic, metal, fabrics, paper, cardboard, etc. Thickness range from 0.15 mm to 0.17 mm depending on the model. Tape will remain affixed for 18 months.

191050: indicator for sterilisation by ethylene oxide gas.

The word GAS printed in brown changes to green once it has been sterilized. Following the specifications:

- exposition to 500 mg/l EO and 60% RH for minimum 30 min at **30 °C**
- exposition to 12% EO and 60% RH for minimum 48 min at **54 °C**.

191051: indicator for sterilisation with poupinel method (dry heat). The green strips turn to brown by the effect of time and temperature as per the following specification:

- exposition a minimum 20 min at **160 °C** or more in dry air.

191052: indicator for sterilisation with steam.

The white strips turn to dark brown by the effect of time, temperature and saturated steam as per the following specification:

- exposition at **121 °C** for 10 min
- exposition at **134 °C** for 2 min.

| mod. | code | type of sterilisation | length mm | width mm | case quantity | case weight | case volume |
|------|---------------|-----------------------|-----------|----------|---------------|-------------|-------------|
| 1 | 191050 | ethylene oxide gas | 50 | 19 | 8 | 0,88 | 0,0026 |
| 2 | 191051 | dry heat (poupinel) | 50 | 19 | 8 | 0,75 | 0,0032 |
| 3 | 191052 | autoclave | 50 | 19 | 8 | 0,75 | 0,0032 |



Sterilization indicator tapes

For steam **autoclave**.

Resistance to cold: **-40 °C**.

Model 1: The tape has printed on it **CONTAMINATED**.

After sterilisation to **121 °C** the word **STERILIZED** appears.

Model 2: The tape has printed on it **-Batch, -Con. (Control) and -Date**. After sterilisation to **121 °C** the word **STERILIZED** appears.

| mod. | code | description | case quantity | case weight | case volume |
|------|---------------|----------------------|---------------|-------------|-------------|
| 1 | 191222 | roll of 19 mm x 13 m | 8 | 0.32 | 0.0007 |
| 2 | 191223 | roll of 19 mm x 13 m | 8 | 0.32 | 0.0007 |



Alcohol pads

Disinfecting pads with 70% isopropyl alcohol, made from a smooth, fiber-free fabric.

Ideal for use as an antiseptic for cleaning small areas.

Supplied in aluminium bags.

| code | dimensions cm | case quantity | case weight | case volume |
|---------------|---------------|---------------|-------------|-------------|
| 192928 | 6.3 x 3 | 24 x 100 | 2.86 | 0.010 |



Coloured adhesive tapes for sample identification

Ideal for use in freezers, autoclaves, etc. Peel off without leaving a sticky residue. Withstand temperatures from **-50 °C to 130 °C**.

High resistance to oils, acids, water, etc.

Suitable for glass, plastic, paper, metal and rubber surfaces.

Can be marked with pencil, ball-point pen, etc.

Tape roll inside diameter: 13 m rolls: 26 mm, 55 m rolls: 76 mm.

All tape models are 19 mm wide.

The code **191220** is a 12 roll tape metal dispenser that accepts 13 m rolls.

| code | colour | tape length m | case quantity | case weight | case volume |
|-----------------|-----------|------------------|------------------|----------------|----------------|
| 191221/1 | white | 13 | 16 | 0.64 | 0.001 |
| 191221/2 | red | 13 | 16 | 0.64 | 0.001 |
| 191221/3 | yellow | 13 | 16 | 0.64 | 0.001 |
| 191221/4 | green | 13 | 16 | 0.64 | 0.001 |
| 191221/5 | orange | 13 | 16 | 0.64 | 0.001 |
| 191221/6 | blue | 13 | 16 | 0.64 | 0.001 |
| 191221.1 | white | 55 | 12 | 2.00 | 0.005 |
| 191221.2 | red | 55 | 12 | 2.00 | 0.005 |
| 191221.3 | yellow | 55 | 12 | 2.00 | 0.005 |
| 191221.4 | green | 55 | 12 | 2.00 | 0.005 |
| 191221.5 | orange | 55 | 12 | 2.00 | 0.005 |
| 191221.6 | blue | 55 | 12 | 2.00 | 0.005 |
| 191220 | dispenser | - | 1 | 2.75 | 0.005 |

Minimum order quantity: 1

Adhesive labels

White colour.

| code | description | bag quantity | bag weight | bag volume |
|-----------------|--------------------|-----------------|---------------|---------------|
| 901031 | 54 x 36 mm printed | 2 x 5,000 | 2.34 | 0.010 |
| 901031.2 | 54 x 36 mm plain | 2 x 5,000 | 1.20 | 0.003 |
| 901041 | 50 x 30 mm printed | 1 x 10,000 | 2.70 | 0.002 |
| 901016 | 50 x 30 mm plain | 1 x 10,000 | 2.34 | 0.005 |
| 901030 | 35 x 25 mm printed | 2 x 7,000 | 2.25 | 0.006 |



Pipetting bulb

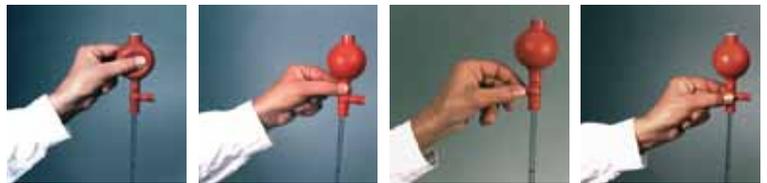
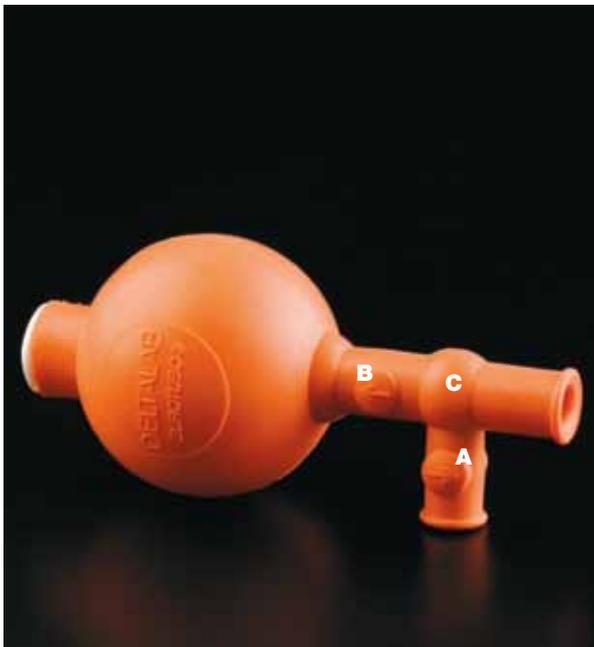
Made of rubber. Used to avoid mouth pipetting and contamination risk.

Can be opened, cleaned and **autoclaved**.

Ideal for Wintrobe and Westergren pipettes.

| code | description | bag quantity | bag weight | bag volume |
|--------------|--------------------|-----------------|---------------|---------------|
| 19201 | red pipetting bulb | 1 | 0.03 | 0.0002 |





1. Evacuate the air by pressing the bulb, as the drawing indicates.
2. Intake by pressing on point B (↑)
3. Drain the liquid by pressing on point A (↓)
4. Blow out the pipette by pressing as the drawing indicates (point C).

EUROTUBO® Pipetting bulb

This one-handed design is the simplest safety pipette filler to use available. Manufactured in natural orange rubber. Approx. drawn capacity: 25 ml. Single hand use, only two operating points. Evacuate via the automatic valve. Standard model, accommodates all pipettes. Ability to clean inside of bulb by removing patented valve and rinsing out.

| code | description | bag quantity | bag weight | bag volume |
|-------|----------------|--------------|------------|------------|
| 19200 | pipetting bulb | 1 | 0.05 | 0.0004 |



Pipette pumps

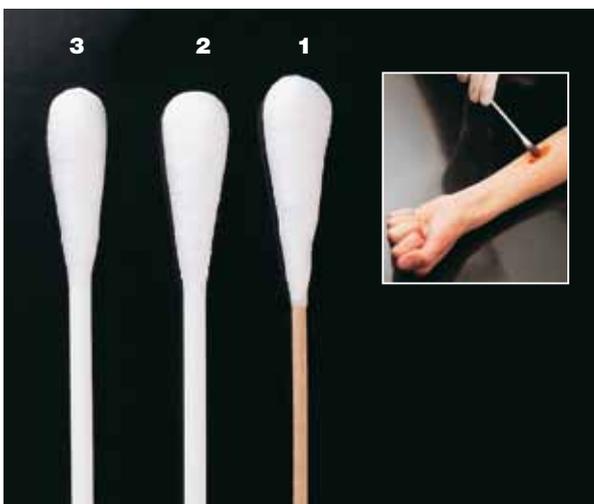
Several models for various pipette volumes. Designed for fast and efficient pipetting with simple, one handed operation. Pipettes fit smoothly into collar. Rotate the knurled thumb wheel on the side for precision filling or dispensing, and press the fast release lever for quick emptying. Easy to use and easily disassembled for cleaning. Sizes are colour coded. Pipette pumps resist acids and alkalis. Attention: New models coming soon.

| code | description | colour | bag quantity | bag weight | bag volume |
|-------|-------------|--------|--------------|------------|------------|
| W-100 | up to 2 ml | blue | 1 | 0.05 | 0.0001 |
| W-110 | up to 10 ml | green | 1 | 0.05 | 0.0001 |
| W-120 | up to 25 ml | red | 1 | 0.05 | 0.0001 |

Pipette pump support rack

Made of acrylic resin and designed to keep in position 4 pipette pumps. Suitable for the above pipette pumps.

| code | dimensions mm | bag quantity | bag weight | bag volume |
|-------|-----------------|--------------|------------|------------|
| W-150 | 109 x 208 x 144 | 1 | 0.38 | 0.005 |



Hospital swabs

CE (MDD)

Cotton tip Ø 11 mm. Swabs designed for cleaning and disinfection when tip is soaked in a disinfectant, thus reducing the risk of a direct contact between user's hands and the wound or surface to clean.

| mod. | code | description | case quantity | case weight | case volume |
|------|--------|--------------------------------------|---------------|-------------|-------------|
| 1 | 300234 | wood + cotton 150 x 2.5 mm | 20 x 50 | 2.20 | 0.012 |
| 2 | 300236 | polypropylene + cotton 150 x 4 mm | 20 x 50 | 2.30 | 0.012 |
| 3 | 300237 | polypropylene + cotton 200 x 4 mm | 10 x 50 | 3.30 | 0.012 |

Safety glasses

CE (PPE)

Made of polycarbonate (1 mm thickness).
Scratch resistant, antifogging, antistatic lenses.
Protect against UV rays.
With lateral vents. Conform to EN 166 standard.

| code | description | quantity | weight | volume |
|-------|-------------|----------|--------|--------|
| 19385 | glasses | 5 | 0.47 | 0.002 |



Safety glasses

CE (PPE)

Made of polycarbonate (2 mm thickness).
Can be worn over conventional corrective glasses.
Conform to EN 166, EN 167, EN 168, EN 169, EN 170, EN 171 and EN 172. Standard.

| code | description | quantity | weight | volume |
|-------|-------------|----------|--------|--------|
| 19386 | glasses | 12 | 0.69 | 0.004 |



Emergency eyewash bottle

Made of low density polyethylene, the bottle is flexible and easy to squeeze. The bottle has an eyecup with a snap-on cap. The eyecup has a perforated plate to break up the stream providing a gentle spray to the eye. A capped air vent valve prevents drawback of contaminated eye wash into bottle. Contaminated wash exits through a drain tube, which rotates in any direction.

Instructions for use printed in various languages.

Bottle capacity: 1 l.

Supplied empty.

| code | capacity ml | case quantity | case weight | case volume |
|-------|-------------|---------------|-------------|-------------|
| 19384 | 1,000 | 1 | 0.25 | 0.008 |



Emergency eyewash bottle with holder

Made of low density polyethylene, the bottle is flexible and easy to squeeze. The bottle features an eyecup with a cap. The eyecup has a perforated plate to break up the stream providing a gentle spray to the eye. Contaminated eyewash drips into the container attached to the cap, thus preventing any liquid from entering the bottle. Includes a green 440 x 370 mm polystyrene holder.

Supplied with screws. Bottle capacity: 1 l.

Instructions for use enclosed.

Supplied empty.

| code | capacity ml | case quantity | case weight | case volume |
|-------|-------------|---------------|-------------|-------------|
| 19387 | 1,000 | 1 | 0.87 | 0.022 |





Wash bottles

Made a combination of high and low density polyethylene. Translucent bottle, with HDPE cap (blue), delivery tube and seal cap (natural). Bottle caps are ribbed for a better handling. High resistance to all liquids, acids and bases. Include a large neck for safe and easy filling.

| code | capac. ml | neck mm | base mm | height mm | case quantity | case weight | case volume |
|----------|-----------|---------|---------|-----------|---------------|-------------|-------------|
| 44330000 | 250 | 30 | 65 | 155 | 90 | 5,30 | 0,078 |
| 44300000 | 500 | 30 | 75 | 185 | 60 | 4,85 | 0,080 |
| 44310000 | 1,000 | 30 | 90 | 222 | 45 | 5,12 | 0,106 |



Wide mouth wash bottles

Translucent low density polyethylene bottles, with screw cap and delivery tube available in 3 different colours (blue, yellow and red) for easy identification. Feature a one piece cap and delivery tube assembly, thus eliminating air or liquid absorption through the cap. Include a wide neck for safe and easy filling. Ribbed caps for a better handling while opening and closing. Moulded-in graduations. 250 ml model is graduated in 25 ml increments, 500 ml model, in 100 ml increments.

| code | capac. ml | cap colour | int. neck Ø mm | base Ø mm | height mm | case quantity | case weight | case volume |
|-----------|-----------|------------|----------------|-----------|-----------|---------------|-------------|-------------|
| 191637.04 | 250 | blue | 38 | 60 | 140 | 10 | 0.47 | 0.009 |
| 191637.06 | 250 | yellow | 38 | 60 | 140 | 10 | 0.47 | 0.009 |
| 191637.10 | 250 | red | 38 | 60 | 140 | 10 | 0.47 | 0.009 |
| 191638.04 | 500 | blue | 38 | 75 | 165 | 10 | 0.97 | 0.019 |
| 191638.06 | 500 | yellow | 38 | 75 | 165 | 10 | 0.97 | 0.019 |
| 191638.10 | 500 | red | 38 | 75 | 165 | 10 | 0.97 | 0.019 |



Integral wash bottles

Made of translucent polyethylene. Feature a one piece cap and delivery tube assembly, which eliminates air or liquid absorption through the cap and ensures a positive leaktight seal. To increase liquid flow, cut the tip of the delivery tube; close the tip by means of the cap attached to the delivery tube. Caps are ribbed for a better handling while opening and closing. Tagging points on neck and cap for a tamper proof closure. Bottles include a fill in line.

| code | capac. ml | height mm | neck d/n std. | case quantity | case weight | case volume |
|--------|-----------|-----------|---------------|---------------|-------------|-------------|
| 191633 | 250 | 143 | GL32 | 10 | 0.68 | 0.008 |
| 191634 | 500 | 181 | GL32 | 10 | 0.84 | 0.015 |



Wood tongue depressors

CE (MDD)

Tongue depressor with smooth rounded edges. Made from high-quality wood to provide a smooth, splinter-free finish. Odour and taste-free.

Maintains a high tensile strength.

In addition to their traditional use, depressors can be used for spreading balms and ointments, for stirring liquids or mixing medicine, etc.

The sterile models are supplied with "instructions for use".

Size: 15 x 1.8 cm.

| code | description | case quantity | case weight | case volume | cases per pallet |
|----------|---------------------------------------|---------------|-------------|-------------|------------------|
| 441142 | non sterile | 50 x 100 | 13.78 | 0.028 | 40 |
| 441242.2 | STERILE R individual flow-pack | 4 x 500 | 12.30 | 0.070 | 24 |

Sterile models are supplied with "instructions for use".



Plastic tongue depressors

CE (MDD)

Made of polystyrene.

Colour: cream. Tongue depressor with smooth rounded edges.

Odour and taste-free. Maintains a high tensile strength.

More flexible than wood depressors.

Features a ribbed finger rest for easy handling. In addition to their traditional use, depressors can be used for spreading balms and ointments, for stirring liquids or mixing medicine, etc.

Size: 16 x 2 cm.

| code | description | case quantity | case weight | case volume | cases per pallet |
|----------|---------------------------------------|---------------|-------------|-------------|------------------|
| 441142.1 | non sterile | 6 x 250 | 8.30 | 0.014 | 108 |
| 441142.2 | STERILE R individual flow-pack | 4 x 500 | 12.66 | 0.070 | 24 |

Sterile models are supplied with "instructions for use".



Absorbent paper

This 120 gsm absorbent paper provides a total protection thanks to its two layers. The top side consists of a layer of cellulose of great liquid absorption power; the reverse side consists of a layer of polyethylene ensuring that it is completely waterproof.

For use in the following applications:

- laboratory trays and tables protection
- pathological anatomy laboratories
- seed germination (between-paper method)
- spillage recovering using its leaktight surface
- particularly suitable for working with materials that are valuable (precious metals) or hazardous (toxic or corrosive materials)

Paper thickness: 0.244 mm.

Absorption: 170 g/m². Klemm absorption: 86 mm.

| code | description | case quantity | case weight | case volume |
|--------|-------------------|---------------|-------------|-------------|
| 120003 | 50 m x 50 cm reel | 1 reel | 3.50 | 0.012 |
| 120002 | 50 x 50 cm sheets | 1x100 sheets | 2.90 | 0.008 |



Filter paper

Our range of filter paper reams is made from high quality cellulose fibres to ensure a good resistance to humidity and a high absorption capacity.

Pore diameter: ± 30-40 microns. For use in the following applications:

- laboratory worktop protection
- simple filtering operations for varied products
- labware sterilisation
- pharmaceutical product preparation

| code | sheet size cm | grammage | thickness mm | Klemm absorp. (mm) | case quantity | case weight | case volume |
|--------|---------------|---------------------|--------------|--------------------|---------------|-------------|-------------|
| 120010 | 50 x 50 cm | 73 g/m ² | 0,170 ±0,02 | 89 | 1x100 sheets | 2.04 | 0.006 |





Concentrated deodorant Nilodor

Scientifically elaborated concentrated deodorant. Ideal for hospitals (in microbiology, autopsy and oncology applications), veterinary clinics, private homes and farms to avoid unpleasant smells from animals.

This product does not cover odours.

On the contrary it quickly neutralises and eliminates them.

Non toxic.

Does not contaminate.

Does not leave stains.

2 versions available: spray or concentrated liquid.

Spray comes in a plastic bottle; liquid is supplied in a glass bottle. Expiration date: 5 years.

| code | description | case quantity | case weight | case volume |
|--------|-----------------------------------|---------------|-------------|-------------|
| 910000 | liquid, 7.5 ml bottle (200 drops) | 12 | 0.54 | 0.0014 |
| 911000 | spray, 100 ml bottle | 15 | 1.82 | 0.009 |



Urine collection bottle

CE (MDD)

Made of polyethylene.

Colour: natural. Collection bottle for male urine, including a 110 mm handle. The bottle has moulded-in graduations in 100 ml increments up to 1,000 ml. Total capacity: 1.1 l.

Rounded rim on the neck of the bottle. Inner diameter of the neck is 50 mm, outer diameter is 69 mm. Supplied **individually wrapped**.

Can be sterilised by ethylene oxide.

| code | total capacity | case quantity | case weight | case volume | cases per pallet |
|-------|----------------|---------------|-------------|-------------|------------------|
| 19591 | 1 l | 60 | 6.25 | 0.160 | 12 |

Urine collection bottle with lid

CE (MDD)

With the same characteristics than the previous model this one features a plug in lid.

Individually wrapped.

| code | total capacity | case quantity | case weight | case volume | cases per pallet |
|---------|----------------|---------------|-------------|-------------|------------------|
| 19591/T | 1 l | 60 | 6.54 | 0.160 | 12 |



Bed pan

CE (MDD)

Made of white polypropylene.

Especially designed for disabled people, for the collection of urine and faeces. Features **rounded edges** for more comfort.

L-shaped handle for a better handling.

Allows a secure one-handed grip and avoids accidental spillage.

Useful for hanging on handles, beds, etc.

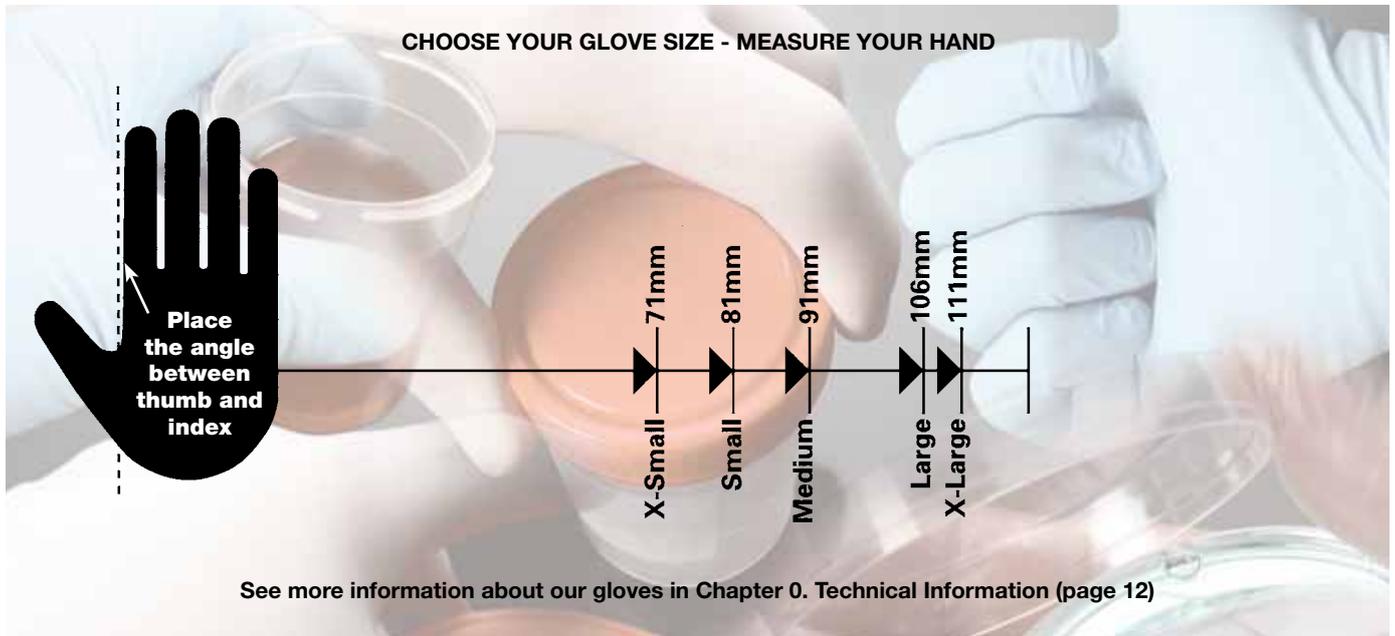
Total capacity: 2.5 l.

Autoclavable.

Can be washed in automatic machines.

Supplied **individually wrapped**.

| code | dimensions mm | case quantity | case weight | case volume | cases per pallet |
|-------|----------------|---------------|-------------|-------------|------------------|
| 19586 | 440 x 270 x 95 | 20 | 10.00 | 0.140 | 12 |



Nitrile gloves

CE (PPE) CE (MDD)

Single use gloves made of Butadiene Nitrate (Nitrile). Medical and laboratory use, non sterile gloves. Ambidextrous. Hypoallergenic. Microtexture. Gloves are available **powder-free**. 100 units per case. Minimum length: 280 mm.

AQL 1.5. In compliance with the EN 455, EN 374 and EN 420 European standard; and with the ASTM D 6319 American standard.

| code | size | description | case quantity | case weight | case volume |
|-------|--------------|-------------|---------------|-------------|-------------|
| 402NP | small (6-7) | powder-free | 10 x 100 | 4.23 | 0.017 |
| 402NM | medium (7-8) | powder-free | 10 x 100 | 4.50 | 0.020 |
| 402NG | large (8-9) | powder-free | 10 x 100 | 5.05 | 0.020 |

Cases per pallet: 63



Vinyl gloves

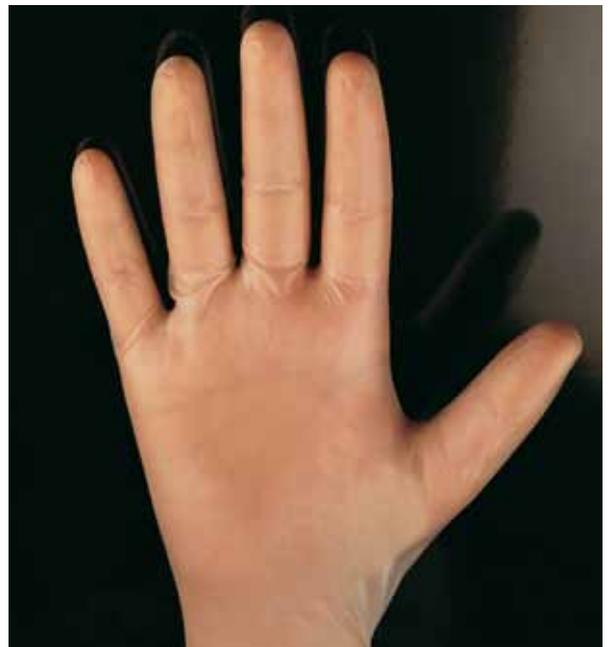
CE (PPE) CE (MDD)

Single use gloves made of top quality polyvinyl. Non sterile gloves. Designed for medicale use. Ambidextrous. Hypoallergenic (powder-free gloves). Gloves are available **powder-free** or **pre-powdered**. Both models feature beaded cuffs. 100 units per case. Minimum length: 240 mm.

AQL 1.5. In compliance with: EN 455, EN 374 and EN 420 European standard; and with the ASTM D 5250 American standard.

| code | size | description | case quantity | case weight | case volume |
|-------|--------------|--------------|---------------|-------------|-------------|
| 202VP | small (6-7) | powder-free | 10x100 | 4.30 | 0.020 |
| 202VM | medium (7-8) | powder-free | 10x100 | 5.06 | 0.014 |
| 202VG | large (8-9) | powder-free | 10x100 | 5.11 | 0.014 |
| 200VP | small (6-7) | pre-powdered | 10x100 | 4.14 | 0.013 |
| 200VM | medium (7-8) | pre-powdered | 10x100 | 5.06 | 0.014 |
| 200VG | large (8-9) | pre-powdered | 10x100 | 4.62 | 0.014 |

Cases per pallet: 77





Latex gloves

CE (PPE) CE (MDD)

Single use gloves made of top quality latex. Non sterile gloves. Designed for medical and laboratory use. Ambidextrous. Gloves are available **powder-free** or **pre-powdered**. Both models feature beaded cuffs. 100 units per case. Minimum length: 240 mm, average thickness 0.08 mm.

AQL 1.5. In compliance with the EEN 455, EN 374 and EN 420 European standard and with the ASTM D 3578 American standard.

| code | size | description | case quantity | case weight | case volume |
|---------------|-------------------|-------------|---------------|-------------|-------------|
| 102LP | small (6-7) | powder-free | 10x100 | 5.90 | 0.017 |
| 102LM | medium (7-8) | powder-free | 10x100 | 6.28 | 0.020 |
| 102LG | large (8-9) | powder-free | 10x100 | 6.76 | 0.017 |
| 100LSP | extra-small (5-6) | pre-powered | 10x100 | 5.62 | 0.016 |
| 100LP | small (6-7) | pre-powered | 10x100 | 5.24 | 0.017 |
| 100LM | medium (7-8) | pre-powered | 10x100 | 6.40 | 0.017 |
| 100LG | large (8-9) | pre-powered | 10x100 | 6.90 | 0.017 |

Cases per pallet: 63



Safety gloves

Provide superior protection when handling hot, cold or damp objects. Made of strong non toxic silicone rubber which resists tearing and withstands temperatures from **-55 °C** up to **260 °C**. Thumb and fingers fit into end pockets. The gripping surfaces have multiple concave tipped studs for non-slip grip (48+48 studs).

| code | dimensions mm | case quantity | case weight | case volume |
|--------------|---------------|---------------|-------------|-------------|
| 19270 | 190 x 100 | 1 | 0.19 | 0.0010 |



Thermic safety gloves

CE (EPI)

All cotton, asbestos free gloves. They are ideal for taking hot objects out not only from the autoclave but also from the oven, etc., and handling them. Gauntlet with black sewn reinforcements at the edges for long lasting use. Heat resistant up to **230 °C**.

They may be both used with the washing and the drying machine.

| code | total length mm | sleeve length mm | bag quantity | bag weight | bag volume |
|-------------|-----------------|------------------|--------------|------------|------------|
| 400S | 470 | 280 | 1 pair | 0.36 | 0.002 |



Measuring cylinders with pentagonal base

Material: polypropylene. **Autoclavable up to 121 °C.**
In compliance with ISO 6706 and BS 5404 standards.

| code | capac. ml | grad. ml | subdiv. ml | O.D. Ø mm | height mm | case quantity | case weight | case volume |
|--------|-----------|----------|------------|-----------|-----------|---------------|-------------|-------------|
| 408025 | 25 | 5 | 0.5 | 19 | 195 | 30 | 0.78 | 0.010 |
| 408050 | 50 | 10 | 1.0 | 26 | 200 | 30 | 1.10 | 0.010 |
| 408100 | 100 | 10 | 1.0 | 31 | 250 | 30 | 1.47 | 0.018 |
| 408250 | 250 | 20 | 2.0 | 41 | 315 | 12 | 1.40 | 0.015 |
| 408500 | 500 | 50 | 5.0 | 56 | 360 | 12 | 1.94 | 0.029 |
| 481000 | 1,000 | 100 | 10.0 | 66 | 440 | 6 | 1.58 | 0.029 |
| 482000 | 2,000 | 200 | 20.0 | 80 | 530 | 6 | 3.75 | 0.048 |

Minimum order quantity: 1.



Graduated measuring cylinders pentagonal base

Made of polypropylene. **Autoclavable up to 121 °C.**
ISO 6706 and BS 5404 standards.

| POLYPROPYLENE | | | | | | | | |
|---------------|-----------|----------|------------|-----------|-----------|---------------|-------------|-------------|
| code | capac. ml | grad. ml | subdiv. ml | O.D. Ø mm | height mm | case quantity | case weight | case volume |
| 192562* | 50 | 10 | 1.0 | 26 | 200 | 30 | 1.15 | 0.011 |
| 192563* | 100 | 10 | 1.0 | 31 | 250 | 30 | 1.31 | 0.021 |
| 192564 | 250 | 20 | 2.0 | 41 | 315 | 12 | 1.50 | 0.014 |
| 192565 | 500 | 50 | 5.0 | 56 | 360 | 12 | 2.50 | 0.028 |
| 192566* | 1,000 | 100 | 10.0 | 66 | 440 | 6 | 2.15 | 0.029 |
| 192567* | 2,000 | 200 | 20.0 | 80 | 530 | 6 | 3.25 | 0.048 |

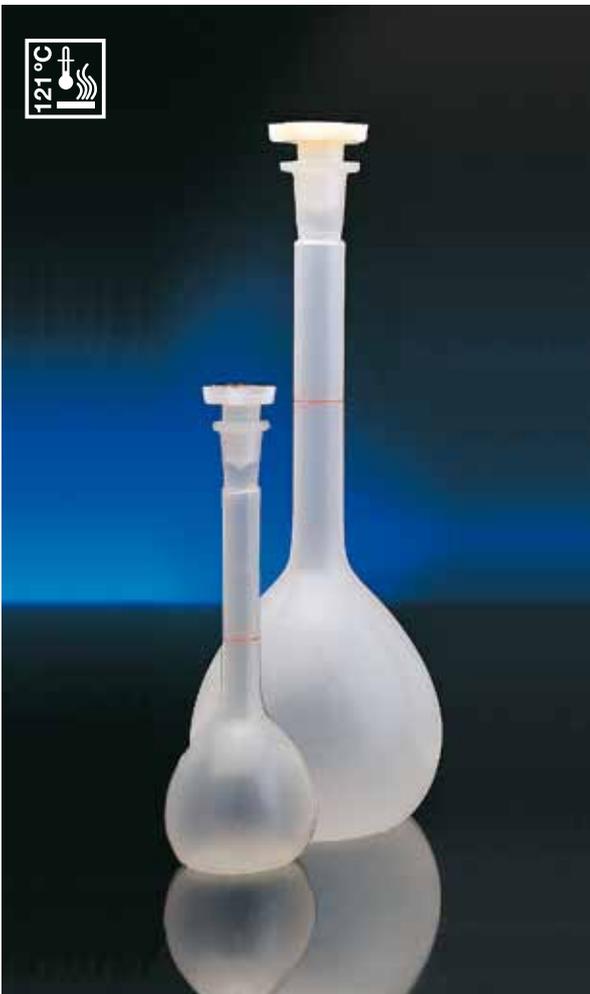
*Minimum order quantity: 1.

Made of **TPX**. **Autoclavable up to 170 °C.**
ISO 6706 and BS 5404 standards.

| TPX | | | | | | | | |
|--------|-----------|----------|------------|-----------|-----------|---------------|-------------|-------------|
| code | capac. ml | grad. ml | subdiv. ml | O.D. Ø mm | height mm | case quantity | case weight | case volume |
| 192571 | 25 | 5 | 0.5 | 19 | 195 | 30 | 0.85 | 0.008 |
| 192572 | 50 | 10 | 1.0 | 26 | 200 | 30 | 1.15 | 0.011 |
| 192573 | 100 | 10 | 1.0 | 31 | 250 | 30 | 1.40 | 0.018 |
| 192574 | 250 | 20 | 2.0 | 41 | 315 | 12 | 1.45 | 0.014 |
| 192575 | 500 | 50 | 0.5 | 56 | 360 | 12 | 2.45 | 0.028 |
| 192576 | 1,000 | 100 | 10.0 | 66 | 440 | 6 | 2.15 | 0.030 |
| 192577 | 2,000 | 200 | 20.0 | 80 | 530 | 6 | 3.25 | 0.048 |

Minimum order quantity: 1.





Volumetric flasks with stopper

Material: polypropylene. **Autoclavable up to 121 °C.**

| code | capac. ml | neck | case quantity | case weight | case volume |
|--------|-----------|-----------|---------------|-------------|-------------|
| 191484 | 25 | 12 / 21 | 20 | 0.24 | 0.002 |
| 191485 | 50 | 14.5 / 23 | 20 | 0.32 | 0.005 |
| 191486 | 100 | 14.5 / 23 | 20 | 0.39 | 0.012 |
| 191487 | 250 | 19 / 26 | 10 | 0.52 | 0.009 |
| 191488 | 500 | 19 / 26 | 10 | 0.60 | 0.018 |
| 191489 | 1,000 | 19 / 26 | 5 | 0.55 | 0.019 |

Minimum order quantity: 1.



NOTE: NS Neck:

The first measure regards to the inner Ø of the lower neck. The second one refers to the inner Ø of the upper neck.



Erlenmeyer flasks

Material: polypropylene. **Autoclavable up to 121 °C.** Graduated.

| code | capac. ml | grad. ml | neck | quantity | weight | volume |
|--------|-----------|----------|-----------|----------|--------|--------|
| 191460 | 50 | 10 | 14.5 / 23 | 1 | 0.02 | 0.001 |
| 191461 | 125 | 25 | 14.5 / 23 | 1 | 0.03 | 0.001 |
| 191462 | 250 | 25 | 19 / 26 | 1 | 0.03 | 0.001 |
| 191463 | 500 | 50 | 24 / 29 | 1 | 0.10 | 0.0002 |
| 191464 | 1,000 | 50 | 29 / 32 | 1 | 0.20 | 0.0002 |
| 191465 | 2,000 | 100 | 34.5 / 35 | 1 | 0.30 | 0.0003 |



NOTE: NS Neck:

The first measure regards to the inner Ø of the lower neck. The second one refers to the inner Ø of the upper neck.



Graduated beakers

Made of TPX. **Autoclavable to 170 °C.**
ISO 6706 and BS 5404 standards.

| code | capac. ml | subdiv. ml | Ø mm | height mm | case quantity | case weight | case volume |
|--------|-----------|------------|------|-----------|---------------|-------------|-------------|
| 191720 | 25 | 1 | 35 | 49 | 20 | 0.17 | 0.001 |
| 191721 | 50 | 2 | 42 | 60 | 20 | 0.28 | 0.003 |
| 191722 | 100 | 5 | 52 | 72 | 12 | 0.70 | 0.004 |
| 191723 | 250 | 10 | 71 | 96 | 16 | 1.45 | 0.011 |
| 191724 | 500 | 10 | 90 | 120 | 12 | 2.10 | 0.015 |
| 191725 | 1,000 | 20 | 110 | 149 | 4 | 1.20 | 0.010 |
| 191726 | 2,000 | 50 | 135 | 184 | 4 | 2.00 | 0.018 |
| 191727 | 3,000 | 500 | 160 | 200 | 2 | 1.80 | 0.014 |

Minimum order quantity: 1.



Graduated beakers

Made of transparent polypropylene. **Autoclavable a 121 °C.**
ISO 6706 and BS 5404 standards. Blue graduation.

| code | capac. ml | subdiv. ml | Ø mm | height mm | case quantity | case weight | case volume |
|--------|-----------|------------|------|-----------|---------------|-------------|-------------|
| 191822 | 50 | 2 | 42 | 60 | 20 | 0.31 | 0.004 |
| 191823 | 100 | 5 | 52 | 72 | 12 | 0.35 | 0.004 |
| 191824 | 250 | 10 | 71 | 96 | 16 | 0.75 | 0.010 |
| 191825 | 500 | 10 | 90 | 120 | 12 | 1.05 | 0.015 |
| 191826 | 1,000 | 20 | 110 | 149 | 4 | 0.49 | 0.010 |
| 191827 | 2,000 | 50 | 135 | 184 | 4 | 0.60 | 0.018 |
| 191828 | 3,000 | 500 | 160 | 200 | 2 | 0.90 | 0.014 |
| 191829 | 5,000 | 500 | 191 | 230 | 2 | 1.40 | 0.022 |



Graduated beakers

Material: transparent polypropylene. **Autoclavable up to 121 °C.**
In compliance with ISO 6706 and BS 5404 standards.

| code | capac. ml | Ø mm | height mm | case quantity | case weight | case volume |
|--------|-----------|------|-----------|---------------|-------------|-------------|
| 409025 | 25 | 35 | 50 | 20 | 0.22 | 0.002 |
| 409050 | 50 | 42 | 60 | 20 | 0.29 | 0.004 |
| 409100 | 100 | 53 | 72 | 12 | 0.33 | 0.004 |
| 409250 | 250 | 71 | 96 | 16 | 0.72 | 0.011 |
| 409500 | 500 | 90 | 120 | 12 | 0.88 | 0.015 |
| 491000 | 1,000 | 110 | 149 | 4 | 0.49 | 0.009 |
| 492000 | 2,000 | 135 | 184 | 4 | 0.86 | 0.017 |
| 493000 | 3,000 | 160 | 200 | 2 | 0.88 | 0.022 |
| 495000 | 5,000 | 191 | 230 | 2 | 2.00 | 0.022 |





Beakers with three spouts

Graduated beakers made of ultra clear polypropylene **Autoclavable** up to **121 °C**.

Disposable.

Moulded-in graduations.

| code | volume ml | minimum order quantity | case quantity | case weight | case volume |
|---------------|-----------|------------------------|---------------|-------------|-------------|
| 490050 | 50 | 10 | 100 | 1.02 | 0.011 |
| 490100 | 100 | 25 | 100 | 1.38 | 0.011 |
| 490250 | 250 | 10 | 100 | 2.50 | 0.028 |
| 490400 | 400 | 10 | 100 | 3.30 | 0.044 |
| 490900 | 900 | 10 | 100 | 5.89 | 0.060 |



Conical measuring flasks

In polypropylene. **Autoclavable** up to **121 °C**.

| code | volume ml | height mm | case quantity | case weight | case volume |
|--------------|-----------|-----------|---------------|-------------|-------------|
| 19423 | 250 | 160 | 18 | 1.14 | 0.019 |
| 19424 | 500 | 180 | 8 | 1.00 | 0.028 |
| 19425 | 1,000 | 270 | 3 | 1.00 | 0.016 |



Analytical funnels

Material: polypropylene. **Autoclavable.**
60° angle.

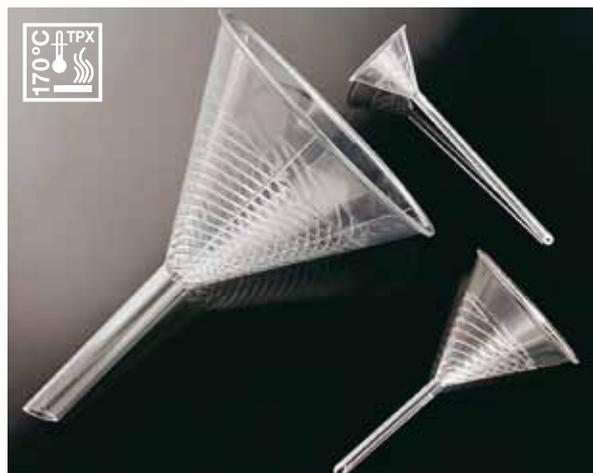
| code | Ø mm | stem Ø mm | length stem mm | total length mm | case quantity | case weight | case volume |
|-------|------|-----------|----------------|-----------------|---------------|-------------|-------------|
| 19145 | 25 | 4 | 37 | 56.3 | 20 | 0.03 | 0.0008 |
| 19146 | 35 | 5 | 37 | 63.4 | 20 | 0.05 | 0.0019 |
| 19147 | 45 | 5 | 43 | 79.0 | 20 | 0.07 | 0.0035 |
| 19148 | 65 | 9 | 62 | 112.0 | 20 | 0.20 | 0.0110 |
| 19150 | 80 | 10 | 70 | 132.0 | 20 | 0.34 | 0.0135 |
| 19152 | 100 | 11 | 82 | 161.5 | 1 | 0.03 | 0.0007 |
| 19153 | 120 | 11 | 86 | 184.0 | 1 | 0.03 | 0.0037 |



High speed funnels

Material: **TPX.** With interior helicoid channels for a quicker filtration. Prevents the filter paper from sticking. Transparent. **Autoclavable.**

| code | Ø mm | stem Ø mm | length mm | case quantity | case weight | case volume |
|-------|------|-----------|-----------|---------------|-------------|-------------|
| 19175 | 51 | 3 | 150 | 6 | 0.71 | 0.013 |
| 19172 | 70 | 3 | 150 | 6 | 0.13 | 0.004 |
| 19173 | 100 | 7 | 108 | 4 | 0.18 | 0.006 |
| 19174 | 140 | 10 | 132 | 6 | 0.95 | 0.025 |



Long-stem funnels

Material: polypropylene. 60°C angle. **Autoclavable.**

| code | Ø mm | stem Ø mm | length stem mm | total length mm | case quantity | case weight | case volume |
|-------|------|-----------|----------------|-----------------|---------------|-------------|-------------|
| 19162 | 60 | 8 | 150 | 194 | 10 | 0.16 | 0.010 |
| 19164 | 80 | 8 | 143 | 206 | 10 | 0.19 | 0.016 |
| 19165 | 100 | 8 | 145 | 244 | 10 | 0.33 | 0.016 |



Funnel

Material: polypropylene.
Autoclavable.

| code | stem internal Ø mm | stem external Ø mm | bouche mm | quantity | weight | volume |
|--------|--------------------|--------------------|-----------|----------|--------|--------|
| 194171 | 5.7 | 8.1 | 80 | 1 | 0.027 | 0.0001 |
| 194172 | 9.1 | 11.7 | 100 | 1 | 0.022 | 0.0005 |
| 194173 | 9.6 | 13.0 | 120 | 1 | 0.032 | 0.0005 |
| 194175 | 13.9 | 18.2 | 180 | 1 | 0.080 | 0.0012 |
| 194176 | 18.5 | 21.8 | 220 | 1 | 0.160 | 0.0028 |
| 194177 | 21.7 | 26.4 | 260 | 1 | 0.20 | 0.0081 |
| 194178 | 24.7 | 29.7 | 300 | 1 | 0.34 | 0.0110 |





Powder funnels

Material: polypropylene. **Autoclavable**. 60° angle.

| code | Ø ext. mm | stem Ø mm | case quantity | case weight | case volume |
|-------|-----------|-----------|---------------|-------------|-------------|
| 19171 | 60 | 15 | 20 | 0.17 | 0.002 |
| 19167 | 80 | 15 | 20 | 0.28 | 0.013 |
| 19168 | 100 | 25 | 20 | 0.56 | 0.010 |
| 19169 | 120 | 30 | 1 | 0.05 | 0.001 |
| 19170 | 150 | 35 | 1 | 0.05 | 0.003 |
| 19166 | 180 | 40 | 1 | 0.09 | 0.008 |



«IMHOFF» sedimentation cone

Material: SAN.

Moulded graduations according to DIN standards 12672.

Resistant to temperatures from **-20 °C to 85 °C**.

| mod. | code | capac. mm | Ø mm | height mm | case quantity | case weight | case volume |
|------|--------|-----------|------|-----------|---------------|-------------|-------------|
| 1 | 191055 | 1,000 | 125 | 480 | 4 | 1.75 | 0.019 |



Cone

Rack for sedimentation cones

Material: PMMA.

For 2 cones. Resistant to temperatures from **-40 °C to 85 °C**.

| mod. | code | dimensions mm | case quantity | case weight | case volume |
|------|--------|-----------------|---------------|-------------|-------------|
| 2 | 191056 | 150 x 300 x 290 | 1 | 1.20 | 0.001 |



Büchner funnels

Material: polypropylene.

Unbreakable and resistant to corrosion and heat.

Easily dismantled for cleaning. **Autoclavable**.

| code | capac. ml | filter Ø mm | upper Ø mm | bottom Ø mm | holes mm | case quantity | case weight | case volume |
|-------|-----------|-------------|------------|-------------|----------|---------------|-------------|-------------|
| 19437 | 40 | 42.5 | 13.8 | 9.6 | 1 | 1 | 0.05 | 0.006 |
| 19438 | 70 | 55 | 15.9 | 10.7 | 1 | 1 | 0.05 | 0.007 |
| 19440 | 285 | 80 | 17.7 | 11.4 | 1.5 | 1 | 0.13 | 0.002 |
| 19441 | 390 | 90 | 17.7 | 11.2 | 2 | 1 | 0.20 | 0.002 |
| 19442 | 810 | 110 | 30.1 | 22.6 | 2 | 1 | 0.30 | 0.004 |
| 19443 | 2,100 | 160 | 30.4 | 19.7 | 2.5 | 1 | 0.60 | 0.012 |
| 19445 | 6,000 | 240 | 37.7 | 23.7 | 3 | 1 | 1.00 | 0.028 |

Burette clamps

Made of **autoclavable** polypropylene.

Clamps can fit onto rods \varnothing 8 to 14 mm. Stainless steel centre arm includes a spring and firmly holds in place the burette by means of rubber pads. Burette clamps do not obscure graduations.

Suitable for all burettes. Base is supplied separately, see details below.

| mod. | code | description | case quantity | case weight | case volume |
|------|--------------|---------------|---------------|-------------|-------------|
| 1 | 19139 | for 1 burette | 5 | 0.21 | 0.006 |
| 2 | 19140 | for 2 burette | 5 | 0.31 | 0.013 |

Rectangular base for burettes

Base made of **autoclavable** polypropylene, with chromium plated steel rod. Rods can be screwed one onto the other to obtain different heights.

All models come with 2 rods of \varnothing 250 x 12 mm.

2 models available: base with central hole, and base with off centre hole.

| mod. | code | description | case quantity | case weight | case volume |
|------|--------------|--|---------------|-------------|-------------|
| 3 | 19266 | base with central hole and + 2 rods | 1 | 0.75 | 0.001 |
| 4 | 19267 | base with off-centre hole and + 2 rods | 1 | 0.80 | 0.004 |

Rods available separately.

Please contact our Commercial department.



Separation funnel holder

Made of **autoclavable** polypropylene.

Supplied with two adaptors to fit support rods diameter 8 to 14 mm. Designed for funnels \varnothing 75 mm minimum.

| code | description | case quantity | case weight | case volume |
|--------------|--------------|---------------|-------------|-------------|
| 19970 | for 1 funnel | 5 | 0.05 | 0.0004 |



Funnel holders

Made of **autoclavable** polypropylene.

Double holder, for funnels from 25 mm (adaptor supplied) up to 170 mm. Without adaptor, holders can be used with powder funnels with diameter not exceeding 35 mm.

Suitable for use on \varnothing 8 to 14 mm rods (which include codes **19266** and **19267** for example) by means of adaptors (included).

| code | description | case quantity | case weight | case volume |
|--------------|---------------|---------------|-------------|-------------|
| 19269 | for 2 funnels | 5 | 0.65 | 0.001 |





Pipette stand

Made of polypropylene. Consists of a rounded base with a rod, and a circular pipette stand to hold up to 28 pipettes.

Base and pipette stand are supplied separately.

- Code **19262**, rounded base with rod, is specially designed to hold the pipette stand.
- The stand code **19265** accommodates 18 pipettes Ø up to 10 mm, and 10 pipettes Ø up to 15 mm.

The lower disc has little holes for liquid draining. The ring included with the stand allows its raising and lowering on the rod.

| code | description | case quantity | case weight | case volume |
|--------------|-----------------------------------|---------------|-------------|-------------|
| 19262 | rounded base | 1 | 0.18 | 0.002 |
| 19265 | 18 small and 10 large holes stand | 1 | 0.35 | 0.007 |



Rotary pipette stand

This stand which can hold 94 pipettes consists of 2 discs rotating on a central vertical axis for convenient pipette selection. The lower rotating disc has tapered sides and open bottoms to protect tips and allow water run off. Rotating discs are 18 cm diameter.

The pipette stand comes unassembled with instructions for quick and easy assembly.

Made of **autoclavable** polypropylene.

Can accommodate all our serology pipettes presented on page 39-194, except the 25 ml model.

| code | dimensions mm (Ø x h) | case quantity | case weight | case volume |
|--------------|-----------------------|---------------|-------------|-------------|
| 19254 | 230 x 480 | 1 | 0.39 | 0.004 |



See Chapter 1. **Microbiology**

Plastic dessicator

Base: polypropylene. Cover: transparent polycarbonate. Will hold a vacuum of 740 mm Hg for 24 hours, with loss not exceeding 20 mm Hg. The cover seals onto a neoprene O-ring set into the flange of the base to ensure a positive seal. Non-return valve (polycarbonate) and vacuum release tap (polyethylene) assembly included; a specially grooved stopper in this assembly allows air to be re-admitted very slowly to avoid disturbing the contents. A little grease spread on the O-ring will assist in establishing initial vacuum. The dessicator includes a removable pan for holding calcium chloride or other drying agents.

| code | aprox. capac. l | Ø mm | h. ext. mm | h. int. mm | case quantity | case weight | case volume |
|-------|-----------------|------|------------|------------|---------------|-------------|-------------|
| 19230 | 4.5 | 200 | 230 | 175 | 1 | 2.00 | 0.004 |
| 19554 | 9.2 | 250 | 300 | 225 | 1 | 1.38 | 0.017 |



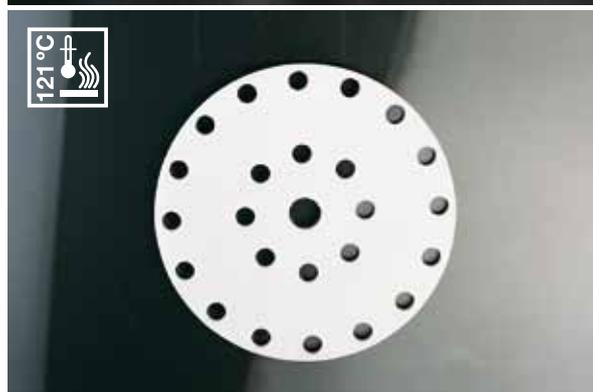
Dessicator discs

CE (IVD)

Material: white polypropylene. 25 holes. **Autoclavable.**

| code | Ø mm | for dessicator | case quantity | case weight | case volume |
|-------|------|----------------|---------------|-------------|-------------|
| 19553 | 239 | 19554 | 10 | 1.57 | 0.010 |

Minimum order quantity: 1



Glass dessicator

Base and cover made of 3.3 soda glass. High resistance to chemicals. Can be used with drying agents such as calcium chloride, silica gel, phosphor pentoxide and even sulfuric acid.

Before use, clean the sealing surfaces and lubricate them with grease for vacuum.

Will hold a vacuum of 500 mm Hg for 24 hours.

Dimensions: 200 mm Ø, 270 mm high. Capacity approx. 2.5 l.

| code | description | case quantity | case weight | case volume |
|-------|--|---------------|-------------|-------------|
| 19232 | dessicator with a stainless steel plate | 1 | 5.10 | 0.026 |
| 19235 | dessicator with a stainless plate and PTFE valve | 1 | 5.10 | 0.026 |





Stainless steel water still

Automatic stainless steel water distiller.

It supplies an output of 6 - 7 l/h of high purity water (conductivity: $2.5 \mu\text{S} \cdot \text{cm}^{-1}$ a 20°C) free of metallic ions and pyrogen. The water quality is considered ASTM III/IV (laboratory grade). In order to always obtain the maximum degree of water purity, we recommend to control periodically the quality of the water supplied to the still and to maintain the inner part of the still in good cleaning conditions.

It embodies two security systems in order to protect still from overheating and save energy: the first system controls the temperature level and turns off the still in case the temperature rises more than required. The second one interrupts the process in case water supply fails.

Easy maintenance.

Supplied assembled.

Electrical consumption: 6,000 W

Heaters: 2 x 3 KW

Voltage: 230 V

Intensity: 30 A

Water consumption: 60 – 70 l/h

| code | dimensions mm | case quantity | case weight | case volume |
|-------|-----------------|---------------|-------------|-------------|
| 19580 | 260 x 260 x 627 | 1 | 16 | 0.12 |

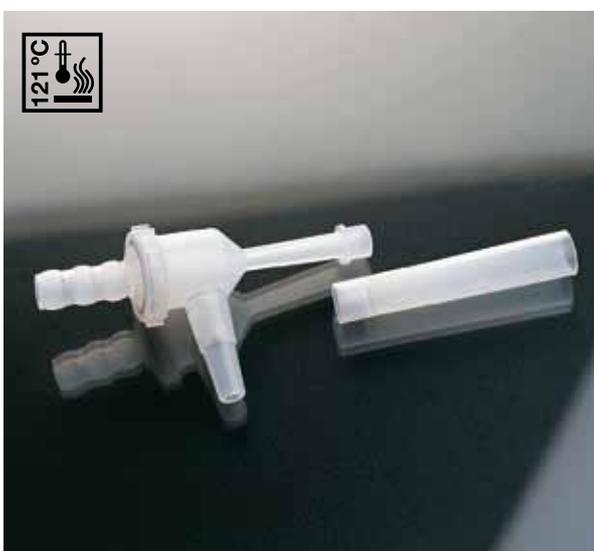


Flask weight ring

Heavy vinyl covered ring ideal to improve stability of Erlenmeyer flasks in water bath.

High chemical resistance.

| code | erlenmeyer capacity | internal Ø mm | quantity | weight | volume |
|--------|---------------------|---------------|----------|--------|--------|
| 192470 | 125 - 500 ml | 48 | 1 | 0.32 | 0.0003 |
| 192471 | 250 - 1,000 ml | 51 | 1 | 0.59 | 0.001 |
| 192472 | 500 - 2,000 ml | 57 | 1 | 0.62 | 0.0003 |



Vacuum pump

Material: polypropylene. This vacuum pump combines excellent suction capacity with limited water consumption, under low pressure ($0.5\text{-}1 \text{ kg/cm}^2$) as well as high pressure (10 kg/cm^2). The built-in, non return valve protects the pump from possible water back-flow. **Autoclavable.**

Can be dismantled for easy cleaning.

| code | description | quantity | weight | volume |
|--------|-----------------------|----------|--------|---------|
| 191395 | water jet vacuum pump | 1 | 0.025 | 0.00001 |

Minimum order quantity: 1.



Test tube tongs

Made of brown plastic.

High resistance to heat up to **70 °C**. Ideal for handling hot tubes or to heat test tubes.

With a longer arm for a better handling and to avoid close contact between fingers and the flames of the burner.

Total length: 17.5 cm

| code | description | bag quantity | bag weight | bag volume |
|-------|---------------|--------------|------------|------------|
| 19509 | plastic tongs | 10 | 0.278 | 0.001 |



Laboratory spatulas

Material: polystyrene.

| code | description | length mm | bag quantity | bag weight | bag volume |
|-------|---------------|-----------|--------------|------------|------------|
| 19593 | spatula-spoon | 210 | 10 | 0.067 | 0.0004 |
| 19596 | spatula-spoon | 180 | 10 | 0.012 | 0.0670 |



Measuring scoops

Material: white polypropylene. **Autoclavable.**

| code | capacity ml | length mm | bag quantity | bag weight | bag volume |
|--------|-------------|-----------|--------------|------------|------------|
| 191057 | 10 | 100 | 12 | 0.055 | 0.004 |
| 191058 | 25 | 135 | 12 | 0.095 | 0.001 |
| 191059 | 50 | 160 | 12 | 0.162 | 0.004 |
| 191060 | 100 | 200 | 12 | 0.290 | 0.005 |
| 191062 | 250 | 260 | 6 | 0.271 | 0.007 |
| 191063 | 500 | 315 | 6 | 0.46 | 0.013 |
| 191064 | 1,000 | 400 | 6 | 0.72 | 0.010 |

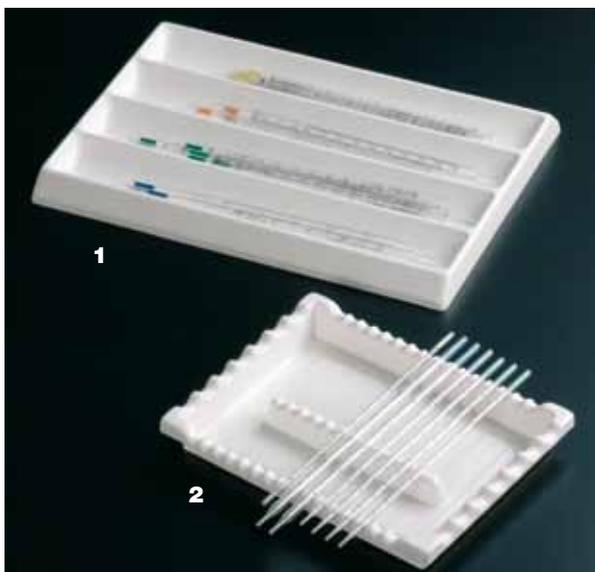


Measuring scoops

Material: high density polyethylene.

| code | capacity ml | length mm | bag quantity | bag weight | bag volume |
|--------|-------------|-----------|--------------|------------|------------|
| 191065 | 25 | 135 | 12 | 0.076 | 0.0014 |
| 191066 | 65 | 185 | 12 | 0.20 | 0.0011 |
| 191067 | 110 | 215 | 12 | 0.35 | 0.0036 |
| 191068 | 150 | 250 | 12 | 0.42 | 0.0040 |
| 191070 | 350 | 310 | 6 | 0.39 | 0.005 |
| 191071 | 750 | 350 | 6 | 0.69 | 0.019 |
| 191069 | 1,250 | 400 | 6 | 0.99 | 0.0115 |





PVC Pipette tray

Made of white PVC, resistant to temperatures from **-20 °C** to **80 °C**. **Model 1**, code **19252**, is perfect to fit inside drawers. It includes four compartments that can hold up to thirty pipettes of 1, 2, 5, or 10 ml.

Model 2, code **19996**. Sixteen pipettes up to 10 mm diameter can be accommodated longitudinally; laterally, seven pipettes up to 20 mm diameter. Tray edges are ergonomically designed for a better handling. It is also useful with other instruments.

| mod. | code | dimensions mm | case quantity | case weight | case volume |
|------|--------------|----------------|---------------|-------------|-------------|
| 1 | 19252 | 426 x 300 x 30 | 1 | 0.53 | 0.006 |
| 2 | 19996 | 283 x 216 x 40 | 6 | 1.38 | 0.016 |



See our range of pipettes on pages 39

PVC Antiacid trays

Resistant to temperatures from **-20 °C** to **80 °C**. Ideal for photographic purposes thanks to their ribbed interior surface.

| code | dimensions mm | quantity | weight | volume |
|--------------|----------------|----------|--------|--------|
| 19280 | 200 x 150 x 50 | 1 | 0.13 | 0.0007 |
| 19281 | 250 x 200 x 60 | 1 | 0.23 | 0.0012 |
| 19282 | 320 x 260 x 70 | 1 | 0.47 | 0.0020 |
| 19283 | 350 x 300 x 85 | 1 | 0.51 | 0.0026 |
| 19284 | 430 x 330 x 95 | 1 | 0.78 | 0.004 |
| 19285 | 520 x 420 x 95 | 1 | 1.14 | 0.008 |

ABS trays

They withstand temperatures from **-40 °C** to **85 °C**.

| code | dimensions mm | body weight g | quantity | weight | volume |
|---------------|----------------|---------------|----------|--------|--------|
| 195701 | 200 x 150 x 20 | 78 | 20 | 1.80 | 0.007 |
| 195702 | 300 x 150 x 20 | 115 | 20 | 2.50 | 0.008 |
| 195703 | 350 x 250 x 20 | 217 | 20 | 5.72 | 0.014 |
| 195705 | 200 x 150 x 40 | 91 | 20 | 1.88 | 0.007 |
| 195706 | 300 x 150 x 40 | 134 | 20 | 2.76 | 0.008 |
| 195707 | 350 x 250 x 40 | 254 | 20 | 6.00 | 0.019 |
| 195709 | 200 x 150 x 80 | 110 | 20 | 2.36 | 0.008 |
| 195711 | 350 x 250 x 80 | 299 | 20 | 6.64 | 0.022 |
| 195713 | 400 x 300 x 20 | 345 | 10 | 3.50 | 0.014 |

Drying rack

PVC coated steel wire drying rack for general labware.

It embodies 55 pegs, and 5 brackets specially designed to hold erlenmeyer flasks and beakers. Pegs are plastic coated for better protection.

Two rings on the rack allow the rack to be mounted on the wall.

It includes a tray in order to avoid drops on the surfaces where the rack is placed.

| code | dimensions mm | case quantity | case weight | case volume |
|--------------|-----------------|---------------|-------------|-------------|
| 19212 | 640 x 360 x 140 | 1 | 2.12 | 0.130 |



Pipette and burette rinsing set

Made of polyethylene and polypropylene.

Can hold pipettes and burettes of length up to 60 cm.

Ensures a fast, safe washing.

Ideal for use in labs where caustic and toxic materials are used.

| code | description | height mm | Ø mm | case quantity | case weight | case volume |
|--------|---------------------|-----------|------|---------------|-------------|-------------|
| 19215 | burette washer | 990 | 165 | 1 | 3.50 | 0.110 |
| 19217 | pipette washer | 734 | 165 | 1 | 3.35 | 0.080 |
| 19218 | pipette jar | 650 | 165 | 1 | 1.80 | 0.042 |
| 19219 | pipette basket | 650 | 130 | 4 | 2.00 | 0.026 |
| 19221 | pipette jar | 500 | 1 | 1.50 | 0.030 | |
| 191219 | extension for 19219 | 650 | 130 | 2 | 0.56 | 0.00001 |

Suggested sets:

- For pipettes:
 - 1 x **19217**
 - 2 x **19219**
 - 1 x **19218**
- For shorter pipettes:
 - 1 x **19217**
 - 1 x **19221**
- For burettes:
 - 1 x **19215**
 - 2 x **19219**
 - 2 x **191219**
 - 1 x **19218**



Drying rack

Wall mountable high impact polystyrene drying rack for general labware.

This rack consists of a single mould 4 mm plate with 72 peg sockets.

Push-in pegs can be placed in any configuration on the rack, and are easily removable to accommodate odd shaped items.

Peg sockets have closed ends to avoid dripping and eliminate the risk of biological contamination.

Rack suitable for items with diameter of the mouth larger than 15 mm.

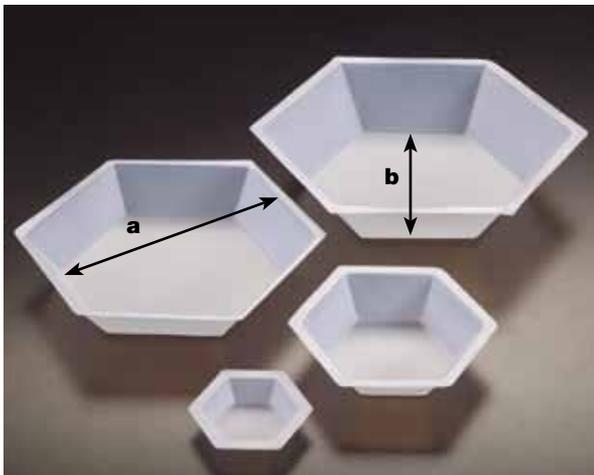
A **drip channel** collects dripping that drains via a drain tube provided.

Includes 11 additional peg sockets (Ø 6 mm) for smaller parts.

Comes complete with a mounting kit and fixing template.

| code | dimensions mm | case quantity | case weight | case volume |
|-------|----------------|---------------|-------------|-------------|
| 19213 | 450 x 63 x 110 | 1 | 5.00 | 0.050 |





Hexagonal weighing dishes

Made of white translucent polystyrene. Easily bent into pouring spouts, the dishes enable non-spill transfer. Biologically inert, contaminant-free, they are resistant to diluted acids, aqueous solutions, alcohols and bases.

Antistatic. Suitable for microwave.

Will withstand temperatures from **80 °C** to **-10 °C**.

| code | capacity ml | upper Ø (a) x lower Ø (b) | case quantity | case weight | case volume |
|---------|-------------|---------------------------|---------------|-------------|-------------|
| 1911106 | 20 | 35 x 25 | 500 | 0.25 | 0.001 |
| 1911107 | 50 | 64 x 47 | 500 | 1.00 | 0.003 |
| 1911108 | 200 | 110 x 85 | 500 | 2.30 | 0.007 |
| 1911109 | 350 | 130 x 89 | 500 | 2.80 | 0.013 |



Squared weighing dishes

Made of white translucent polystyrene.

Easily bent into pouring spouts, the dishes enable non-spill transfer. Biologically inert, contaminant-free, they are resistant to diluted acids, aqueous solutions, alcohols and bases. **Not antistatic.** Suitable for microwave.

Will withstand temperatures from **80 °C** to **-10 °C**.

| code | dimensions | weight (g) | bag quantity | bag weight | bag volume |
|---------|----------------|------------|--------------|------------|------------|
| 1911103 | 41 x 41 x 8 | 0.34 | 500 | 0.31 | 0.001 |
| 1911104 | 89 x 89 x 25 | 1.07 | 500 | 1.32 | 0.005 |
| 1911105 | 140 x 140 x 22 | 3.27 | 500 | 3.31 | 0.013 |



Weighing bottles

Light-weight, re-usable and **autoclavable**, made of translucent polypropylene. Push on lids ensure an airtight seal.

High resistance to chemicals. Tops can be squeezed for more convenient pouring. It is recommended to remove lids before autoclaving.

| code | tare (g) | capacity ml | Ø mm | height mm | bag quantity | bag weight | bag volume |
|-------|----------|-------------|------|-----------|--------------|------------|------------|
| 19340 | 8 | 30 | 30 | 50 | 10 | 0.07 | 0.002 |
| 19345 | 10 | 50 | 50 | 30 | 10 | 0.11 | 0.004 |



Watch glasses

Made of **autoclavable** polypropylene. Moulded base for more stability. Easy **cleaning**.

| code | weight (g) | Ø mm | case quantity | case weight | case volume |
|-------|------------|------|---------------|-------------|-------------|
| 19452 | 3.7 | 60 | 10 | 0.05 | 0.0002 |
| 19454 | 5.5 | 80 | 10 | 0.10 | 0.0002 |
| 19455 | 10 | 100 | 10 | 0.09 | 0.0018 |



Reinforced silicone tubing. Non toxic

Reinforced silicone tubing with a tough polyester inner-braid imbedded in the wall, it is much more resistant to pressure than standard silicone tubing. Very flexible. Its clear wall permits positive flow monitoring and inspection. It has a smooth inner wall that will not trap bacteria-harboring particles, making it ideal for food and beverage use. Indicated for elevated working pressure. It is not toxic. Resist temperatures from **-50 °C** to **200 °C** (beaks of **250 °C**).

Minimum order quantity: one roll of 15 meters.

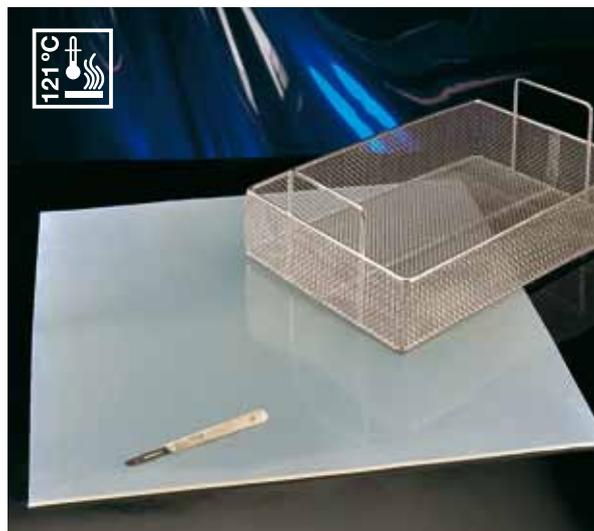
| code | dimensions mm Ø int. x Ø ext. | bag weight | bag volume |
|---------------|-------------------------------|------------|------------|
| 350613 | 6 x 13 | 2.10 | 0.0043 |
| 350815 | 8 x 15 | 2.33 | 0.0130 |
| 359517 | 9.5 x 17 | 3.06 | 0.015 |



Silicone sheets

50 x 50 cm silicone sheets ideal as a laboratory benchtop protection or for use in autoclaves to protect any material. For cleaning simply use a wet cloth. **Resistant up to 260 °C.**

| code | thickness mm | bag quantity | bag weight | bag volume |
|---------------|--------------|--------------|------------|------------|
| 350002 | 2 | 1 | 0.60 | 0.030 |
| 350004 | 4 | 1 | 1.20 | 0.0012 |



Silicone mat

Made of red silicone, this mat will resist temperatures up to **260 °C**. Features a high adherence and anti-skid surface. For use over the benchtop or over laboratory stirrers to prevent beakers from slipping. Dimensions: 25 x 25 x 0.4 cm.

| code | description | bag quantity | bag weight | bag volume |
|---------------|--------------|--------------|------------|------------|
| 900000 | silicone mat | 1 | 0.132 | 0.004 |





Medical grade silicone tubing. Non toxic

Medical grade silicone. For use in a variety of medical, pharmaceutical, industrial and clinical applications. Translucent tubing. Very high mechanical and chemical resistance. Silicone tubing has a chemical composition similar to quartz and glass and share their excellent properties.

Autoclavable.

Technical features:

Specific gravity: 1.2 + 0.1

Toughness: 40 - 80 Sh

Resistance to traction: 77-95 kg/cm²

Extension: 275-780%

Resistance to tearing: 20-50 kg/cm²

Temperature range: **-50 °C to 200 °C** (beaks of **250 °C**)

| code | dimensions mm Ø int. x Ø ext. | bag quantity (meters) | bag weight | bag volume |
|--------|----------------------------------|--------------------------|------------|------------|
| 350051 | 0.5 x 1 | 1 x 100 | 0.08 | 0.0011 |
| 350115 | 1 x 1.5 | 1 x 100 | 0.21 | 0.004 |
| 350013 | 1 x 3 | 1 x 15 | 0.12 | 0.001 |
| 350024 | 2 x 4 | 1 x 15 | 0.21 | 0.021 |
| 350034 | 3 x 4 | 1 x 15 | 0.21 | 0.004 |
| 350035 | 3 x 5 | 1 x 15 | 0.25 | 0.002 |
| 350037 | 3 x 7 | 1 x 15 | 0.49 | 0.003 |
| 350046 | 4 x 6 | 1 x 15 | 0.50 | 0.002 |
| 350048 | 4 x 8 | 1 x 15 | 0.77 | 0.004 |
| 350057 | 5 x 7 | 1 x 15 | 0.34 | 0.003 |
| 350059 | 5 x 9 | 1 x 15 | 0.66 | 0.004 |
| 350069 | 6 x 9 | 1 x 15 | 0.61 | 0.01 |
| 350610 | 6 x 10 | 1 x 15 | 0.82 | 0.009 |
| 350612 | 6 x 12 | 1 x 15 | 0.21 | 0.004 |
| 350079 | 7 x 9 | 1 x 15 | 0.57 | 0.009 |
| 350710 | 7 x 10 | 1 x 15 | 0.69 | 0.007 |
| 350810 | 8 x 10 | 1 x 15 | 0.62 | 0.009 |
| 350812 | 8 x 12 | 1 x 15 | 1.09 | 0.005 |
| 350814 | 8 x 14 | 1 x 15 | 1.84 | 0.0007 |
| 350912 | 9 x 12 | 1 x 15 | 0.81 | 0.012 |
| 350915 | 9 x 15 | 1 x 15 | 0.21 | 0.004 |
| 351014 | 10 x 14 | 1 x 15 | 1.39 | 0.008 |
| 351420 | 14 x 20 | 1 x 15 | 2.72 | 0.024 |
| 351622 | 16 x 22 | 30 | 3.99 | 0.064 |
| 352030 | 20 x 30 | 30 | 14.00 | 0.098 |

NOTE: Tube thickness = $\frac{\text{external } \varnothing - \text{internal } \varnothing}{2}$



Tubing clamps

Material: **autoclavable** acetal.

These clamps will not distort, rust or corrode. Different positions to control flow from full open to complete closure.

| code | description | bag quantity | bag weight | bag volume |
|-------|--|--------------|------------|------------|
| 19505 | for tubes of 3.2 to 11 mm (15 positions) | 12 | 0.06 | 0.0005 |
| 19504 | for tubes of 11 to 19 mm (12 positions) | 6 | 0.09 | 0.0007 |

«T» and «L» connectors

Material: polypropylene. **Autoclavable.**

| code | fits tubing Ø mm | Ø mm* valley/crest | Ø mm interior mouth | shape | bag quantity | bag weight | bag volume |
|-------|---------------------|-----------------------|------------------------|-------|-----------------|---------------|---------------|
| 19460 | 6 | 4.5 / 5.4 | 2.8 | T | 20 | 0.01 | 0.0001 |
| 19461 | 8 | 6.9 / 7.6 | 4.4 | T | 20 | 0.23 | 0.0001 |
| 19462 | 10 | 8.7 / 9.5 | 6.3 | T | 20 | 0.54 | 0.001 |

* See the scheme

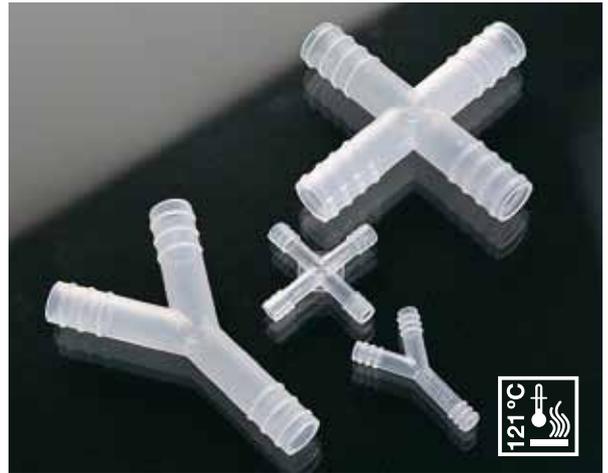


«Y» and «+» connectors

Material: polypropylene. **Autoclavable.**

| code | fits tubing Ø mm | Ø mm* valley/crest | Ø mm interior mouth | shape | bag quantity | bag weight | bag volume |
|--------|---------------------|-----------------------|------------------------|-------|-----------------|---------------|---------------|
| 191411 | 6 | 4.8 / 5.6 | 2.7 | + | 20 | 0.20 | 0.0001 |
| 191412 | 8 | 6.9 / 7.4 | 4.6 | + | 20 | 0.30 | 0.0001 |
| 191414 | 12 | 10.4 / 11.5 | 8.0 | + | 20 | 0.08 | 0.0006 |
| 19465 | 6 | 4.7 / 5.7 | 2.7 | Y | 20 | 0.11 | 0.0001 |
| 19467 | 10 | 8.9 / 9.9 | 5.5 | Y | 20 | 0.03 | 0.00002 |
| 19468 | 12 | 10.5 / 11.6 | 7.3 | Y | 20 | 0.08 | 0.00003 |

* See the scheme

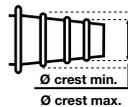


«Straight» and 3 way connectors

Material: polypropylene. **Autoclavable.** Made of one piece.

| code | fits tubing Ø mm | Ø mm* valley/crest | Ø mm interior mouth | shape | bag quantity | bag weight | bag volume |
|-------|---------------------|-----------------------|------------------------|-------------------|-----------------|---------------|---------------|
| 19510 | 4-5-6 | 3/4.5/5.5 | 2.0 | straight line | 20 | 0.16 | 0.00002 |
| 19512 | 9-8-10 | 6.3/9/11 | 4.5 | straight line | 20 | 0.06 | 0.0003 |
| 19513 | 10-11-12 | 8.3/10.5/13 | 6.5 | straight line | 20 | 0.73 | 0.001 |
| 19530 | 10-11-12 | 9.9/11.5 | 5.5 | three branches | 20 | 0.13 | 0.001 |

* See the scheme



Laboratory holders

Ideal for holding tubing or thermometers onto the edge of beakers or other vessels. **Autoclavable.**

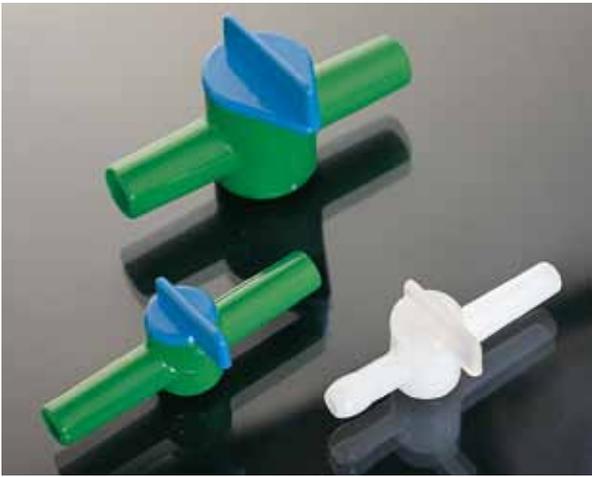
| code | description | bag quantity | bag weight | bag volume |
|-------|--|-----------------|---------------|---------------|
| 19971 | for tubing of up to 9.5 mm Ø Polycarbonate | 6 x 6 | 0.13 | 0.001 |
| 19972 | for thermometers from 3.2 mm to 11 mm Ø Polypropylene | 12 x 3 | 0.16 | 0.001 |

Minimum order quantity:

19971 - 6 units

19972 - 3 units





Stopcock, straight bored

Ideal for liquids and gases under low pressure or low vacuum. Material: polypropylene and high density polyethylene that gives a smooth turning action requiring no lubricants. All are straight bored.

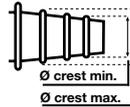
| code | fits tubing Ø mm | Ø mm interior mouth | bag quantity | bag weight | bag volume |
|-------|---------------------|------------------------|-----------------|---------------|---------------|
| 19374 | 8 | 4.9 | 10 | 0.04 | 0.0005 |
| 19371 | 10 | 7.0 | 10 | 0.06 | 0.0006 |
| 19379 | 16 | 12.7 | 10 | 0.13 | 0.001 |



Composed Disconnectors / connectors

Material: polyethylene. Very useful for connecting rubber or plastic tubing of different diameter. Composed by two parts. Connectors fit tightly together.

| code | fits tubing Ø mm | Ø mm crest max/min | Ø mm interior mouth | bag quantity | bag weight | bag volume |
|-------|---------------------|-----------------------|------------------------|-----------------|---------------|---------------|
| 19434 | 04-05-06 | 3.5 / 6.0 | 1.6 | 20 | 0.49 | 0.001 |
| 19435 | 06-07-08 | 5.3 / 7.6 | 2.7 | 20 | 0.61 | 0.001 |
| 19436 | 08-09-10 | 7.2 / 9.7 | 3.6 | 20 | 0.83 | 0.001 |
| 19535 | 10-11-12 | 9.3 / 12.2 | 5.5 | 20 | 1.06 | 0.001 |



Non-return valve

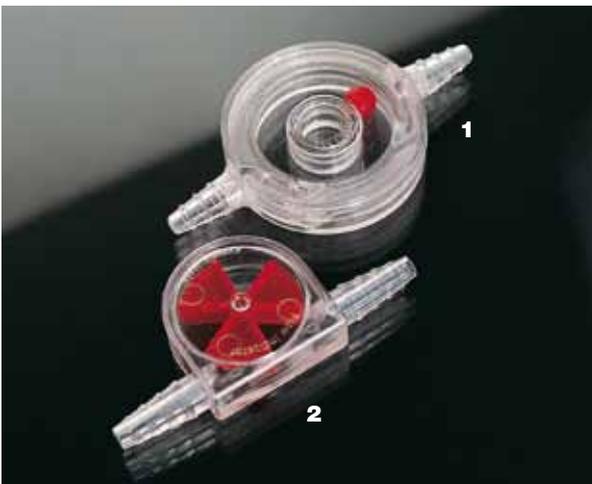
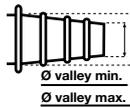
Material: polypropylene.

Autoclavable.

Maximum work pressure: 2 BAR (2 kg/cm²).

Minimum work pressure: 0,07 BAR, at 20 °C.

| code | Ø ext valves | Ø mm valley max/min | bag quantity | bag weight | bag volume |
|-------|-----------------|------------------------|-----------------|---------------|---------------|
| 19418 | 8-9-10 | 7.8 / 10.1 | 10 | 0.04 | 0.0002 |



Flow indicator (1)

Material: SAN. Perfectly transparent.

The rotation of the red ball allows an immediate visual indication of glass or liquid flow. Very useful for connecting tubes of different diameter from 6.5 to 10 mm.

| code | length mm | Ø mm | bag quantity | bag weight | bag volume |
|-------|--------------|---------|-----------------|---------------|---------------|
| 19538 | 102 | 57 | 5 | 0.07 | 0.002 |

Flow indicator-paddle wheel (2)

Material: SAN.

Not for use with corrosive fluids or temperatures over 85 °C.

| code | dimensions mm | tubing mm | bag quantity | bag weight | bag volume |
|-------|------------------|--------------|-----------------|---------------|---------------|
| 19539 | 8 x 17 x 40 | 6-11 | 5 | 0.08 | 0.0004 |

Wash bottles

Made a combination of high and low density polyethylene.
 Translucent bottle, with HDPE cap (blue), delivery tube and seal cap (natural).
 Bottle caps are ribbed for a better handling.
 High resistance to all liquids, acids and bases.
 Include a large neck for safe and easy filling.

| code | capac. ml | neck mm | base mm | height mm | case quantity | case weight | case volume |
|-----------------|-----------|---------|---------|-----------|---------------|-------------|-------------|
| 44330000 | 250 | 30 | 65 | 155 | 90 | 5.30 | 0.078 |
| 44300000 | 500 | 30 | 75 | 185 | 60 | 4.85 | 0.080 |
| 44310000 | 1,000 | 30 | 90 | 222 | 45 | 5.12 | 0.106 |



Wide mouth wash bottles

Translucent low density polyethylene bottles, with screw cap and delivery tube available in 3 different colours (blue, yellow and red) for easy identification.
 Feature a one piece cap and delivery tube assembly, thus eliminating air or liquid absorption through the cap.
 Include a wide neck for safe and easy filling.
 Ribbed caps for a better handling while opening and closing.
 Moulded-in graduations.
 250 ml model is graduated in 25 ml increments, 500 ml model, in 100 ml increments.

| code | capac. ml | cap colour | int. neck Ø mm | base Ø mm | height mm | case quantity | case weight | case volume |
|------------------|-----------|------------|----------------|-----------|-----------|---------------|-------------|-------------|
| 191637.04 | 250 | blue | 38 | 60 | 140 | 10 | 0.47 | 0.009 |
| 191637.06 | 250 | yellow | 38 | 60 | 140 | 10 | 0.47 | 0.009 |
| 191637.10 | 250 | red | 38 | 60 | 140 | 10 | 0.47 | 0.009 |
| 191638.04 | 500 | blue | 38 | 75 | 165 | 10 | 0.97 | 0.019 |
| 191638.06 | 500 | yellow | 38 | 75 | 165 | 10 | 0.97 | 0.019 |
| 191638.10 | 500 | red | 38 | 75 | 165 | 10 | 0.97 | 0.019 |



Integral wash bottles

Made of translucent polyethylene. Feature a one piece cap and delivery tube assembly, which eliminates air or liquid absorption through the cap and ensures a positive leaktight seal. To increase liquid flow, cut the tip of the delivery tube; close the tip by means of the cap attached to the delivery tube.
 Caps are ribbed for a better handling while opening and closing.
 Tagging points on neck and cap for a tamper proof closure. Bottles include a fill in line.

| code | capac. ml | height mm | neck d/n std. | case quantity | case weight | case volume |
|---------------|-----------|-----------|---------------|---------------|-------------|-------------|
| 191633 | 250 | 143 | GL32 | 10 | 0.60 | 0.008 |
| 191634 | 500 | 181 | GL32 | 10 | 0.83 | 0.018 |



Special materials: PTFE

This section details special products that are used in critical situations where glass is not suitable. PTFE is a registered brand which refers to a type of polyethylene where hydrogen atoms have been replaced by fluorine ones, commonly called «fluocarbons».

The main characteristic of these chemical compounds is their high resistance to nearly all chemical components including nitric acid. Some variants of PTFE are: FEP, PFA, etc.

PTFE main features:

- Unbreakable, resistant to almost all temperatures, resistant to almost all chemical products, except fluorine and other alkaline metals during fusion
- Non flammable
- These PTFE products are highly recommended for those cases where extreme conditions of transport and storage are required



Low form graduated beakers

Material: PFA.

High chemical and temperature resistance (**-250 °C / 270 °C**).

| code | capacity ml | div. ml | height ml | Ø mm | quantity | weight | volume |
|---------------|-------------|---------|-----------|------|----------|--------|--------|
| 191537 | 250 | 50 / 1 | 96 | 67 | 1 | 0.04 | 0.001 |



Wash bottles high resistance

Material: FEP.

High chemical and temperature resistance (**-250 °C / 270 °C**).

| code | capacity ml | height mm | Ø mm | quantity | weight | volume |
|---------------|-------------|-----------|------|----------|--------|---------|
| 191693 | 250 | 157 | 61 | 1 | 0.06 | 0.001 |
| 191694 | 500 | 189 | 76 | 1 | 0.09 | 0.00005 |



Beakers

Material: PTFE. No graduation.

High temperature and chemical resistance (**-200 °C / 270 °C**).

| code | capac. ml | Ø body mm | height mm | quantity | weight | volume |
|--------------|-----------|-----------|-----------|----------|--------|--------|
| 19718 | 100 | 54 | 68 | 1 | 0.03 | 0.001 |





Magnetic stirring bars

This section details our vast range of PTFE magnetic stirring bars. A variety of different sizes and colours is available.

Micro stirring bars: for use in the smallest containers.

Cylindrical stirring bars: these are the most common and lend themselves to many general applications. The diameter of the bar chosen will depend on the diameter of the flask used although it is recommended to select the largest stirring bar possible to achieve optimum results.

Octagonal stirring bars with pivot ring: ideal where the base of the container may be slightly curved or irregular.

Triangular stirring bars: these are used primarily to help dissolve solids or sediments. Also used for higher viscous liquids.

Ovoid stirring bars: used in rounded bottom or Erlenmeyer flasks.

Special shape stirring bars: cruciform stirring bars are used in round bottom tubes.

Stirring bar retriever

Polypropylene coated.

For the removal of stirrer magnets from vessels of all kinds. Includes a magnetic tip, so it is easy to remove the magnets.

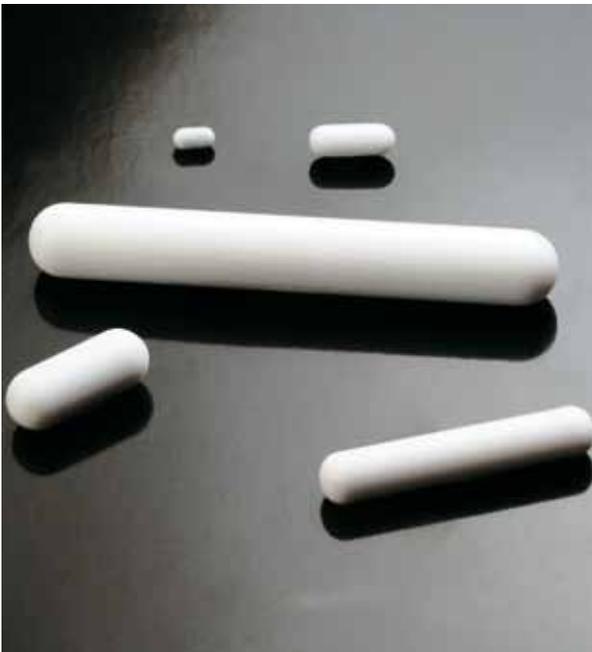
| code | diameter mm | length mm | bag quantity | bag weight | bag volume |
|-------|-------------|-----------|--------------|------------|------------|
| 19919 | 10 | 300 | 1 | 0.03 | 0.00001 |





Micro stirring bars

| code | diameter mm | length mm | quantity | weight | volume |
|-------|-------------|-----------|----------|--------|--------|
| 19851 | 3 | 3 | 1 | 0.04 | 0.0001 |
| 19852 | 2 | 5 | 1 | 0.04 | 0.0001 |
| 19853 | 3 | 6 | 1 | 0.04 | 0.0001 |
| 19749 | 2 | 7 | 1 | 0.04 | 0.0001 |
| 19854 | 1.5 | 8 | 1 | 0.04 | 0.0001 |
| 19855 | 3 | 8 | 1 | 0.04 | 0.0001 |
| 19856 | 3 | 10 | 1 | 0.04 | 0.0001 |
| 19857 | 3 | 13 | 1 | 0.04 | 0.0001 |



Cylindrical stirring bars

| code | Ø mm | length mm | quantity | weight | volume |
|-------|------|-----------|----------|--------|--------|
| 19753 | 3 | 6 | 1 | 0.04 | 0.0001 |
| 19748 | 3 | 8 | 1 | 0.04 | 0.0001 |
| 19750 | 4.5 | 12 | 1 | 0.04 | 0.0001 |
| 19751 | 6 | 15 | 1 | 0.04 | 0.0001 |
| 19756 | 8 | 20 | 1 | 0.06 | 0.0001 |
| 19757 | 8 | 25 | 1 | 0.06 | 0.0001 |
| 19758 | 8 | 30 | 1 | 0.06 | 0.0001 |
| 19763 | 6 | 35 | 1 | 0.06 | 0.0001 |
| 19764 | 8 | 40 | 1 | 0.06 | 0.0001 |
| 19698 | 8 | 50 | 1 | 0.06 | 0.0001 |
| 19705 | 10 | 70 | 1 | 0.08 | 0.0001 |



Triangular stirring bars

| code | dimensions mm | quantity | weight | volume |
|-------|---------------|----------|--------|--------|
| 19782 | 9 x 35 | 1 | 0.08 | 0.0001 |
| 19783 | 12 x 50 | 1 | 0.08 | 0.0001 |



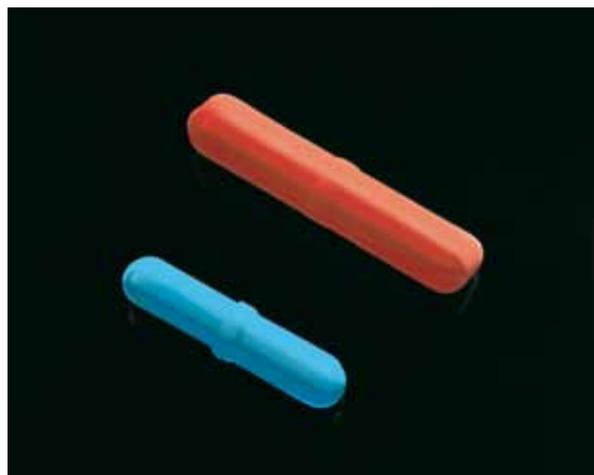
Octahedral stirring bars with pivot ring

| code | diameter mm | length mm | quantity | weight | volume |
|-------|-------------|-----------|----------|--------|--------|
| 19809 | 8 | 13 | 1 | 0.04 | 0.0001 |
| 19786 | 8 | 15 | 1 | 0.04 | 0.0001 |
| 19810 | 8 | 22 | 1 | 0.06 | 0.0001 |
| 19787 | 8 | 25 | 1 | 0.06 | 0.0001 |
| 19793 | 8 | 28 | 1 | 0.06 | 0.0001 |
| 19788 | 8 | 38 | 1 | 0.06 | 0.0001 |
| 19794 | 8 | 51 | 1 | 0.06 | 0.0001 |
| 19797 | 10 | 51 | 1 | 0.08 | 0.0001 |
| 19811 | 13 | 75 | 1 | 0.08 | 0.0001 |



Colored octahedral stirring bars

| code | colour | diameter mm | length mm | quantity | weight | volume |
|----------|--------|-------------|-----------|----------|--------|--------|
| 19787.4 | blue | 8 | 25 | 1 | 0.06 | 0.0001 |
| 19788.4 | blue | 8 | 38 | 1 | 0.06 | 0.0001 |
| 19788.10 | red | 8 | 38 | 1 | 0.06 | 0.0001 |



Ovoid stirring bars

| code | dimensions mm | quantity | weight | volume |
|-------|---------------|----------|--------|--------|
| 19806 | 50 x 20 | 1 | 0.004 | 0.0002 |



Star-shaped stirring bars

| code | diameter mm | length mm | quantity | weight | volume |
|-------|-------------|-----------|----------|--------|--------|
| 19784 | 10 | 8 | 1 | 0.08 | 0.0001 |





Cylindrical or octahedral stirring bar assortment pack

Assorted cylindrical or octahedral stirring bars supplied in a convenient transparent plastic box including dividers for magnet classification.

Box includes 2 units of the following stirring bars:

Code 19400: (diameter x length in mm): 8x13, 8x15, 10x25, 10x38, 10x51 and 10x64.

Code 19400.1: (diameter x length in mm) 6x10, 4,5x15, 6x20, 6x25, 6x30, 8x40, 8x50, 10x60, 10x70.

| code | description | quantity | weight | volume |
|----------------|--|----------|--------|--------|
| 19400 | box with 12 octahedrals stirring bars | 1 | 0.25 | 0.0005 |
| 19400.1 | box with 18 cylindrical stirrings bars | 1 | 0.25 | 0.0005 |



One-hand timer

60 Minute times model "Onehand" non-slip surface.

Can be rewound with one hand only.

| code | description | Ø x h mm | quantity | weight | volume |
|--------------|----------------|-------------|----------|--------|--------|
| 19901 | one-hand timer | 72.5 x 29.5 | 1 | 0.22 | 0.0002 |



Digital timers

Digital timer with hours, days and months, 24 h. programme facility, 60 seconds, alarm, includes clip and small bench stand.

These digital timer count forward and down. Both include a LR44 battery.

Code **900400** includes instructions in English and German an code **900600** includes instructions in Spanish, English and French.

| mod. | code | description | dimensions mm | quantity | weight | volume |
|------|---------------|-------------------------------|---------------|----------|--------|--------|
| 1 | 900600 | digital timer with 2 memories | 64 x 61 x 14 | 1 | 0.06 | 0.0003 |
| 2 | 900400 | digital timer with 1 memory | 52 x 67 x 12 | 1 | 0.04 | 0.0002 |







Polyethylene wide mouth jars with lid and insert plug

High density polyethylene jars with screw cap and insert plug. Jars and plugs are natural translucent colour; lids are black. Supplied uncapped (except sterile models, supplied capped and bagged).

Upon request, jars can be supplied individually wrapped for a minimum order of 3 cases by model, and sterile for a minimum order of 6 cases by model.

Ask for minimum quantity and delivery time for caps and jars in other colours.

| code | capacity ml | sterile, individual wrap | no sterile, individual wrap | Ø internal mouth mm | Ø body mm | unitary weight g | height with lid mm | case quantity | case weight | case volume | pallet quantity |
|----------------------------|-------------|--------------------------|-----------------------------|---------------------|-----------|------------------|--------------------|---------------|-------------|-------------|-----------------|
| 202811 | 30 | — | yes | 25 | 32 | 4.2 | 53 | 100 | 1.00 | 0.011 | 14.700 |
| 202810 | 60 | — | yes | 38 | 52 | 8.2 | 48 | 200 | 3.30 | 0.046 | 8.000 |
| 202808 | 90 | — | yes | 51 | 60 | 8 | 51 | 150 | 3.80 | 0.046 | 4.800 |
| 202809 | 125 | — | yes | 51 | 60 | 12 | 62 | 200 | 6.00 | 0.082 | 4.000 |
| 202801 | 170 | — | yes | 51 | 60 | 14 | 80 | 160 | 6.45 | 0.082 | 3.200 |
| 202802 | 250 | — | yes | 54 | 67 | 20 | 100 | 125 | 5.25 | 0.078 | 2.500 |
| 202802.1 | 250 | yes | — | 54 | 67 | 20 | 100 | 125 | 5.50 | 0.078 | 2.500 |
| NEW 202802B | 250 | — | yes | 54 | 67 | 20 | 100 | 125 | 5.50 | 0.078 | 2.500 |
| 202814 | 400 | — | yes | 60 | 74 | 27.3 | 124 | 130 | 8.00 | 0.140 | 1.560 |
| 202814.1 | 400 | yes | — | 60 | 74 | 27.3 | 124 | 130 | 8.00 | 0.140 | 1.560 |
| 202803 | 500 | — | yes | 67 | 80 | 35 | 131 | 120 | 8.40 | 0.140 | 1.920 |
| 202823.1 | 500 | yes | — | 67 | 80 | 35 | 131 | 120 | 8.10 | 0.140 | 1.920 |
| NEW 202821.1 | 500 | — | yes | 86 | 103 | 44.9 | 93 | 95 | 9.20 | 0.140 | 1.520 |



| code | capacity ml | sterile, individual wrap | no sterile, individual wrap | Ø internal mouth mm | Ø body mm | unitary weight g | height with lid mm | case quantity | case weight | case volume | pallet quantity |
|--------------------------|-------------|--------------------------|-----------------------------|---------------------|-----------|------------------|--------------------|---------------|-------------|-------------|-----------------|
| 202821 | 500 | — | yes | 86 | 103 | 44.9 | 93 | 95 | 9.20 | 0.140 | 1.520 |
| 202821.O | 500 | yes | — | 86 | 103 | 44.9 | 93 | 95 | 9.20 | 0.140 | 1.520 |
| NEW 202823 | 500 | — | yes | 67 | 80 | 35 | 131 | 120 | 8.10 | 0.140 | 1.920 |
| 202813 | 750 | — | yes | 86 | 103 | 48 | 127 | 75 | 7.70 | 0.140 | 1.200 |
| 202813.10 | 750 | yes | — | 86 | 103 | 48 | 127 | 75 | 7.40 | 0.140 | 1.200 |
| 202818 | 1,000 | — | yes | 86 | 103 | 56.7 | 157 | 50 | 7.00 | 0.140 | 800 |
| 202828G | 1,000 | yes | — | 86 | 103 | 56.7 | 157 | 50 | 7.00 | 0.140 | 800 |
| NEW 202828 | 1,000 | — | yes | 86 | 103 | 56.7 | 157 | 50 | 7.00 | 0.140 | 800 |
| 202804 | 1,250 | — | yes | 86 | 103 | 56.7 | 173 | 50 | 6.10 | 0.140 | 800 |
| 202815 | 1,550 | — | yes | 86 | 113 | 64.6 | 181 | 45 | 6.00 | 0.140 | 720 |
| 202815B.O | 1,550 | yes | — | 86 | 113 | 64.6 | 181 | 45 | 6.00 | 0.140 | 720 |
| 202820 | 2,000 | — | yes | 86 | 103 | 83.1 | 283 | 35 | 5.80 | 0.140 | 560 |
| 202820.O | 2,000 | yes | — | 86 | 103 | 83.1 | 283 | 35 | 6.10 | 0.140 | 560 |
| 202839* | 2,000 | — | yes | 105 | 128 | 73 | 205 | 32 | 4.00 | 0.140 | 512 |





Polyethylene beakers

Volumes available range from 60 ml to 1,000 ml.

All models come without lid, except the 1,000 ml beaker, which is available with or without lid.

For use with liquid and solid samples.

Manufactured in a flexible material for easy pouring.

| code | volume ml | body Ø mm | mouth Ø mm | height mm | weight body g | case quantity | case weight | case volume |
|---------|-----------|-----------|------------|-----------|---------------|---------------|-------------|-------------|
| 242801 | 60 | 40 | 50 | 48 | 5.0 | 1,100 | 5.95 | 0.034 |
| 242802 | 100 | 40 | 55 | 58 | 6.5 | 1,000 | 7.20 | 0.034 |
| 242803 | 230 | 55 | 70 | 78 | 15.0 | 700 | 10.82 | 0.042 |
| 242804 | 275 | 53 | 72 | 98 | 22.7 | 500 | 11.66 | 0.042 |
| 242805 | 500 | 70 | 90 | 108 | 38.7 | 200 | 8.50 | 0.045 |
| 242806 | 1,000 | 90 | 120 | 132 | 63.2 | 120 | 8.22 | 0.042 |
| 242811* | 1,000 | 90 | 120 | 132 | 65.0 | 65 | 5.93 | 0.042 |

* With lid. Beaker and lid are supplied in the same bag.

Disposable cups

Disposable sample cups, for general sample collection.

Cups are supplied stacked.

| code | volume ml | material | case quantity | case weight | case volume |
|--------|-----------|----------|---------------|-------------|-------------|
| 202248 | 100 | PP | 50 x 100 | 7.40 | 0.080 |
| 202317 | 150 | PS | 30 x 100 | 8.32 | 0.080 |





Tamper evident buckets, large capacity

Disposable containers made of polypropylene **autoclavable**. Include tight fitting and leakproof lids. All models include a sturdy and convenient white plastic handle for easier carrying. Buckets are supplied with lid apart. Made with materials suitable for alimentary use.

| code | capacity l | Ø ext. lid mm | Ø int. mouth mm | height mm | *body weight g | case quantity | case weight | case volume |
|--------|------------|---------------|-----------------|-----------|----------------|---------------|-------------|-------------|
| 222802 | 3 | 200 | 184.00 | 137.50 | 105.00 | 80 | 9.00 | 0.140 |
| 222803 | 4.5 | 225 | 210.00 | 156.00 | 134.00 | 48 | 9.50 | 0.140 |
| 222804 | 5.6 | 225 | 211.00 | 194.00 | 152.00 | 45 | 10.00 | 0.140 |
| 222805 | 10.6 | 268 | 251.00 | 263.00 | 314.00 | 20 | 10.50 | 0.140 |

* Weight with no lid and handle.



Jars with lid

Body and lid in white **autoclavable** polypropylene. Self sealing security lid. Made with materials suitable for alimentary use. Code **241014** embodies a plastic handle. Jars are supplied uncapped.

Cases per pallet: 24, excepting code **241010**, palletized in 40 cases.

| code | nominal capacity ml | Ø int. mouth x Ø base x height mm | weight g | case quantity | case weight | case volume |
|--------|---------------------|-----------------------------------|----------|---------------|-------------|-------------|
| 241010 | 250 | 84.5 x 79.5 x 62 | 18 | 150 | 3,00 | 0,042 |
| 241011 | 550 | 107 x 98 x 80 | 32 | 250 | 5,00 | 0,100 |
| 241013 | 1,000 | 112.5 x 112 x 137.5 | 46 | 150 | 7,68 | 0,078 |
| 241014 | 1,560 | 133.5 x 134 x 140 | 58 | 150 | 4,40 | 0,130 |





Buckets with spout

Natural low density polyethylene buckets with a stainless metal handle. Include a spout for easier pouring.

Moulded-in graduations. Very sturdy construction.

These buckets may be printed with your name and logo.

| code | capacity l | dimensions mm | quantity | weight | volume |
|-------|---------------|------------------|----------|--------|--------|
| 19905 | 9 | 270 x 200 x 250 | 1 | 0.50 | 0.009 |
| 19906 | 12 | 300 x 220 x 280 | 1 | 0.70 | 0.013 |
| 19907 | 15 | 340 x 250 x 310 | 1 | 1.00 | 0.019 |

The specified data may vary when changing to new models.

Industrial jugs

Made of thick rigid polyethylene. Natural colour.

Recommended for industrial use.

| code | capacity l | mouth Ø mm | height mm | weight ut. g | case quantity | case weight | case volume |
|--------|---------------|---------------|--------------|-----------------|------------------|----------------|----------------|
| 470006 | 3 | 150 | 180 | 215 | 5 | 1.43 | 0.026 |
| 470007 | 5 | 190 | 240 | 400 | 5 | 2.21 | 0.028 |



Round jugs with handle

Polypropylene. **Autoclavable to 121 °C.**

| code | capacity l | graduation ml | Ø mm | height mm | case quantity | case weight | case volume |
|--------|---------------|---------------|---------|--------------|------------------|----------------|----------------|
| 470000 | 0.5 | 25 | 80 | 120 | 60 | 4.40 | 0.066 |
| 470001 | 1 | 50 | 125 | 140 | 48 | 4.60 | 0.086 |
| 470002 | 2 | 50 | 155 | 180 | 36 | 6.40 | 0.110 |
| 470003 | 3 | 100 | 165 | 180 | 27 | 7.10 | 0.130 |
| 470005 | 5 | 250 | 185 | 230 | 12 | 5.00 | 0.109 |

Minimum order quantity: 1.





Self sealing security jars

Excellently finished, body in **autoclavable** polypropylene.

Screw cap in high density polyethylene with strips. Security sealing with tag for easy opening. Tamper evident system. External moulded ring. Smooth internal side.

Each jar specifies on its bottom its capacity, and the material it is made of. Supplied uncapped.

| | code | volume ml | body Ø mm | lid external Ø mm | height mm | weight ut. g | case quantity | case weight | case volume |
|--|----------------|-----------|-----------|-------------------|-----------|--------------|---------------|-------------|-------------|
| | 202911N | 100 | 54.1 | 61.5 | 53 | 11 | 150 | 3.40 | 0.042 |
| | 202912N | 250 | 71.2 | 76.6 | 74 | 25 | 115 | 4.80 | 0.082 |
| | 202913N | 350 | 70.5 | 76.6 | 101.5 | 30 | 80 | 3,64 | 0.078 |
| | 202914N | 500 | 90.5 | 100.0 | 92.1 | 45 | 110 | 6,60 | 0.140 |
| | 202915N | 1,000 | 105.3 | 116.2 | 130.2 | 80 | 60 | 7.13 | 0.140 |
| | 202916N | 1,250 | 105.0 | 116.2 | 162.5 | 90 | 48 | 5.86 | 0.130 |



Square containers with star-shaped caps

Colour: translucent white.

Containers and insert plugs made of high density polyethylene. Star-shaped screw caps made of polypropylene.

Tagging points on neck and cap for a tamper proof closure or for labeling.

All models have moulded-in graduations.

Containers are supplied plugged and capped. Not recommended for liquids transport.

| code | capacity ml | graduation each ml | dimensions mm | neck Ø mm | body weight g | case quantity | case weight | case volume | pallet quantity |
|---------------|-------------|--------------------|-----------------|-----------|---------------|---------------|-------------|-------------|-----------------|
| 444608 | 25 | 12.5 | 32 x 34 x 52 | 18 | 6 | 500 | 6.60 | 0.090 | 12,000 |
| 444609 | 50 | 10 | 38 x 38 x 70 | 23 | 15 | 400 | 7.50 | 0.074 | 9,600 |
| 444610 | 100 | 20 | 42 x 48 x 90 | 33 | 22 | 600 | 16.94 | 0.170 | 9,600 |
| 444611 | 250 | 50 | 57 x 60 x 110 | 33 | 32 | 300 | 13.80 | 0.170 | 4,800 |
| 444612 | 500 | 100 | 70 x 80 x 138 | 44 | 55 | 150 | 11.50 | 0.170 | 2,400 |
| 444613 | 1.000 | 100 | 80 x 103 x 176 | 58 | 97 | 80 | 11.16 | 0.170 | 1,280 |
| 444614 | 2.000 | 100 | 100 x 134 x 210 | 58 | 177 | 40 | 9.16 | 0.170 | 640 |



Wide neck containers with star-shaped cap

Made of high density polyethylene. Natural colour.
 Cylindrical container featuring a star-shaped screw cap.
 Tagging points on neck and cap for a tamper proof closure, or for labeling.
 Containers are supplied non cappeded.

| code | volume ml | internal mouth Ø mm | body Ø mm | height without lid mm | body weight g | case quantity | case weight | case volume | pallet quantity |
|----------|-----------|---------------------|-----------|-----------------------|---------------|---------------|-------------|-------------|-----------------|
| 44420000 | 60 | 23.2 | 42 | 80.5 | 13 | 200 | 3.90 | 0.043 | 8,000 |
| 44430000 | 125 | 29.5 | 52 | 103.5 | 18 | 100 | 3.18 | 0.045 | 4,000 |
| 44440000 | 250 | 37 | 65 | 128 | 24 | 120 | 5.18 | 0.087 | 2,880 |
| 44450000 | 500 | 47.4 | 82 | 152 | 40 | 60 | 4.60 | 0.080 | 1,440 |
| 44460000 | 1,000 | 59.4 | 102 | 183.2 | 90 | 55 | 7.38 | 0.140 | 880 |
| 44470000 | 2,000 | 59.4 | 123.5 | 244.5 | 128 | 30 | 5.00 | 0.140 | 480 |



Wide neck graduated containers with star-shaped cap

Colour: translucent white.
 Bottles and insert plugs made of high density polyethylene.
 Star-shaped screw caps made of polypropylene.
 Tagging points on neck and cap for a tamper proof closure.
 Sloping shoulders for easy pouring.
 Bottles are supplied plugged and capped.



| code | volume ml | graduation ml | internal mouth Ø mm | body Ø mm | height mm | body weight g | case quantity | case weight | case volume | pallet quantity |
|-------|-----------|---------------|---------------------|-----------|-----------|---------------|---------------|-------------|-------------|-----------------|
| 19408 | 50 | 10 | 24 | 40 | 75 | 13.20 | 100 | 1.65 | 0.0185 | 9,600 |
| 19409 | 100 | 20 | 24 | 50 | 90 | 18.30 | 100 | 2.37 | 0.027 | 8,400 |
| 19410 | 250 | 25 | 34 | 60 | 125 | 35.80 | 50 | 2.16 | 0.037 | 3,600 |
| 19411 | 500 | 50 | 34 | 75 | 160 | 50.70 | 20 | 1.20 | 0.024 | 1,120 |
| 19412 | 1,000 | 100 | 45 | 95 | 200 | 92.20 | 20 | 1.95 | 0.046 | 960 |



Bottles with standard, narrow neck

Bottles made of **autoclavable**, natural colour polypropylene. Hermetical closure.

Easy opening and closing caps thanks to its size. Grippled, in order to ease its usage with gloves. Cap and body with holes for sealing or labeling.

Neck and cap with vents.

Graduation: 100 ml model, every 20 ml; 250 ml, every 25 ml; 500 ml and 1,000 ml, every 100 ml.

| code | volume ml | neck DIN | mouth Ø mm | body Ø mm | height mm | body weight g | case quantity | case weight | case volume |
|--------|-----------|----------|------------|-----------|-----------|---------------|---------------|-------------|-------------|
| 191597 | 100 | GL18 | 13 | 48 | 106 | 18.5 | 100 | 1.90 | 0.040 |
| 191599 | 250 | GL25 | 19 | 60 | 148 | 33.1 | 5 x 50 | 10.00 | 0.180 |
| 191601 | 500 | GL25 | 19 | 75 | 180 | 49.3 | 150 | 9.00 | 0.180 |
| 191603 | 1,000 | GL32 | 23 | 95 | 222 | 100.9 | 80 | 8.80 | 0.180 |



Bottles with standard, wide neck

Wide neck bottles made of **autoclavable** polypropylene, or polyethylene (not autoclavable).

Body and caps in natural colour. Hermetical closure.

Easy opening and closing caps thanks to its size. Grippled, in order to ease its usage with gloves.

Neck and cap with vents. Graduation: 100 ml model, every 20 ml; 250 ml, every 25 ml; 500 ml, 1,000 ml, and 2,000 ml, every 100 ml.

Made of polyethylene, not autoclavable:

| code | volume ml | neck DIN | mouth Ø mm | body Ø mm | height mm | body weight g | case quantity | case weight | case volume |
|--------|-----------|----------|------------|-----------|-----------|---------------|---------------|-------------|-------------|
| 191610 | 100 | GL32 | 24 | 48 | 103 | 25.7 | 100 | 2.78 | 0.036 |
| 191612 | 250 | GL45 | 38 | 60 | 140 | 39.2 | 5 x 50 | 2.06 | 0.180 |
| 191614 | 500 | GL45 | 38 | 75 | 168 | 55.9 | 5 x 25 | 9.30 | 0.180 |
| 191616 | 1,000 | GL63 | 55 | 95 | 206 | 109.3 | 68 | 9.30 | 0.180 |
| 191618 | 2,000 | GL63 | 55 | 120 | 249 | 145.2 | 30 | 6.30 | 0.180 |



Made of polypropylene, autoclavable:

| code | volume ml | neck DIN | mouth Ø mm | body Ø mm | height mm | body weight g | case quantity | case weight | case volume |
|--------|-----------|----------|------------|-----------|-----------|---------------|---------------|-------------|-------------|
| 191623 | 100 | GL32 | 24 | 48 | 103 | 26.6 | 100 | 2.98 | 0.040 |
| 191625 | 250 | GL45 | 38 | 60 | 140 | 40.8 | 250 | 12.40 | 0.180 |
| 191627 | 500 | GL45 | 38 | 75 | 168 | 56.5 | 125 | 8.50 | 0.180 |
| 191629 | 1,000 | GL63 | 55 | 95 | 206 | 100.2 | 68 | 8.84 | 0.180 |
| 191631 | 2,000 | GL63 | 55 | 120 | 249 | 175.5 | 30 | 6.30 | 0.180 |



Graduated narrow neck bottles

Made of translucent polyethylene.

Designed for the storage of acids and bases. Include a ribbed screw cap for a better handling, and an insert plug.

Feature sloping shoulders for easy pouring.

Tagging points on neck and cap for a tamper proof closure and for labeling.

Bottles have the following moulded-in graduations: code **19317**, every 10 ml; **19319**, every 20 ml; **19323**, every 25 ml, **19324**, every 50 ml, **19325** and **19326**, every 100 ml.

Supplied capped.

| code | volume ml | neck Ø mm | bottom Ø mm | height mm | case quantity | case weight | case volume |
|--------------|-----------|-----------|-------------|-----------|---------------|-------------|-------------|
| 19317 | 50 | 18 | 40 | 75 | 4 x 100 | 6.70 | 0.073 |
| 19319 | 125 | 18 | 50 | 110 | 6 x 100 | 15.50 | 0.151 |
| 19323 | 250 | 22 | 60 | 145 | 6 x 50 | 12.80 | 0.151 |
| 19324 | 500 | 22 | 75 | 175 | 6 x 25 | 9.00 | 0.195 |
| 19325 | 1,000 | 33 | 95 | 220 | 4 x 20 | 9.00 | 0.184 |
| 19326 | 2,000 | 33 | 120 | 270 | 2 x 20 | 8.40 | 0.151 |



Graduated narrow neck opaque bottles

Opaque cylindrical bottles made of dark grey polyethylene, designed for the storage of light sensitive liquids or solid substances. Include a black screw cap and an insert plug for a positive leakproof seal.

Ribbed caps for a better handling.

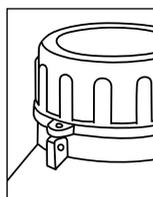
Heavy duty bottles, with sloping shoulders for easy pouring.

Tagging points on neck and cap for a tamper proof closure. Body and cap with holes for sealing or labeling.

Supplied capped.

| code | volume ml | neck Ø mm | bottom Ø mm | height mm | case quantity | case weight | case volume |
|---------------|-----------|-----------|-------------|-----------|---------------|-------------|-------------|
| 193241 | 500 | 22 | 75 | 175 | 6 x 25 | 9.00 | 0.195 |
| 193251 | 1,000 | 33 | 95 | 220 | 4 x 20 | 5.00 | 0.192 |

Minimum order quantity: 1 bag.



Narrow neck, high resistance bottles

Bottles made of translucent, white, high density polyethylene, designed for the storage of acids and bases.

Blue screw cap on a combination of high and low density polyethylene. Screw caps are ribbed for a better handling.

Sloping shoulders for easy pouring. Heavy duty bottles.

Supplied uncapped.

| code | volume ml | neck Ø mm | bottom Ø mm | height mm | case quantity | case weight | case volume |
|-----------------|-----------|-----------|-------------|-----------|---------------|-------------|-------------|
| 44260000 | 250 | 30 | 65 | 155 | 90 | 4.90 | 0.076 |
| 44270000 | 500 | 30 | 75 | 185 | 70 | 4.86 | 0.076 |
| 44280000 | 1,000 | 30 | 90 | 222 | 50 | 6.70 | 0.120 |



See page 249





Tamper evident, polyethylene bottles

Translucent cylindrical bottles made of high density polyethylene with PP screw cap and LDPE insert plug, designed for the storage of alcohol. Caps are ribbed for a better handling while working with gloves. Insert plugs are dispensed pierced. Tamper evident cap. No graduation. Supplied uncapped.

| code | capac. ml | int. neck Ø mm | bottom Ø mm | height mm | body weight g | case quantity | case weight | case volume | pallet quantity |
|---------------|-----------|----------------|-------------|-----------|---------------|---------------|-------------|-------------|-----------------|
| 292300 | 75 | 19 | 39.4 | 97.6 | 8 | 220 | 2.92 | 0.042 | 6,160 |
| 292303 | 125 | 19 | 45 | 106 | 10 | 140 | 2.44 | 0.043 | 5,600 |
| 292304 | 250 | 19 | 58 | 128 | 18 | 80 | 2.10 | 0.044 | 3,200 |
| 292305 | 500 | 19 | 73 | 160 | 31 | 100 | 4.30 | 0.110 | 1,200 |
| 292306 | 1,000 | 19 | 82 | 230 | 46 | 60 | 5.00 | 0.110 | 720 |



Tamper evident bottles, tall models

Translucent cylindrical bottles made of natural colour low density polyethylene, with blue tamper evident closures. Caps are ribbed for a better handling while working with gloves. Bottles specially designed with tamper evident rings to ensure a positive seal. Bottles are supplied uncapped. To fully seal them, screw cap in a normal way and then screw again to fully position the tamper evident ring. To open, unscrew cap. The ring, automatically broken, will remain on the neck of the bottle.

| code | capac. ml | body Ø mm | neck Ø mm | height mm | body weight g | case quantity | case weight | case volume | pallet quantity |
|---------------|-----------|-----------|-----------|-----------|---------------|---------------|-------------|-------------|-----------------|
| 282303 | 125 | 48 | 37 | 105 | 16.2 | 125 | 3.10 | 0.045 | 5,000 |
| 282304 | 250 | 59 | 37 | 129 | 21.9 | 75 | 2.48 | 0.045 | 3,000 |
| 282305 | 500 | 66 | 37 | 200 | 35.0 | 100 | 5.00 | 0.110 | 1,600 |
| 282306 | 1,000 | 87 | 37 | 230 | 52.0 | 60 | 4.10 | 0.140 | 960 |



Screw cap containers with seal and dropper

Made of white polypropylene. White watertight screw closing system with dropper-plug and blue security seal. Hermetical closure. Mouth diameter: 10.2 mm. Supplied uncapped.

| code | volume ml | Ø base mm | height mm | body weight g | case quantity | case weight | pallet quantity |
|--------------|-----------|-----------|-----------|---------------|---------------|-------------|-----------------|
| 53020 | 20 | 24.6 | 65 | 3.50 | 2,000 | 12.70 | 32,000 |
| 53125 | 125 | 42.2 | 134.7 | 15.50 | 275 | 5.88 | 4,400 |
| 53250 | 250 | 50.8 | 167.3 | 21.50 | 200 | 5.95 | 3,200 |
| 53500 | 500 | 68.3 | 196.5 | 41.00 | 100 | 5.50 | 1,600 |

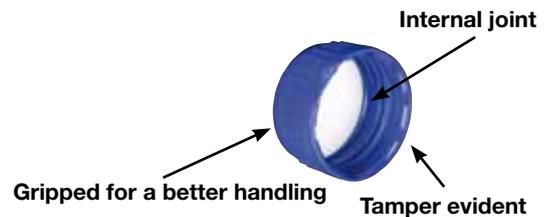
Case volume: 0.114 m³





Rectangular bottles

Body and cap made of polyethylene.
 Bottles with blue screw caps, including seal ring and internal joint.
 Tamper evident system.
 Body in natural colour, graduated (moulded):
 250 ml model, graduated each 50 ml.
 500 and 1,000 ml models, graduated each 100 ml.
 Supplied uncapped.



| code | volume ml | internal mouth Ø mm | dimensions (A x B x C) mm | weight g | case quantity | case weight | case volume | pallet quantity |
|----------------|-----------|---------------------|---------------------------|----------|---------------|-------------|-------------|-----------------|
| 292819G | 250 | 30.3 | 58 x 58 x 115 | 21 | 210 | 6.0 | 0.096 | 3,360 |
| 292820G | 500 | 30.3 | 77 x 77 x 130 | 35 | 153 | 9.7 | 0.140 | 2,448 |
| 292821G | 1,000 | 30.3 | 96 x 75 x 184 | 62 | 85 | 6.4 | 0.140 | 1,360 |

Nozzle bottles

Cylindrical bottles with screw caps, made of high density polyethylene, with a narrow nozzle design. Natural colour.
 Cut the nozzle tip with scissors before liquid dispensing.
 No graduation.
 Bottles and caps are supplied in separated bags.

| code | volume ml | neck Ø mm | bottom Ø mm | height mm | case quantity | case weight | case volume |
|---------------|-----------|-----------|-------------|-----------|---------------|-------------|-------------|
| 272301 | 50 | 20 | 35 | 75 | 160 | 2.10 | 0.026 |
| 272303 | 125 | 20 | 48 | 100 | 135 | 2.52 | 0.045 |
| 272304 | 250 | 20 | 59 | 143 | 75 | 2.24 | 0.047 |





Squared bottles

Bottles with screw cap and insert plug, made of polyethylene.
Bottles and insert plugs are white (translucent), caps are red.
Ribbed caps for a better handling when using gloves.
Supplied capped.

| code | volume ml | mouth Ø mm | dimensions mm | weight g | case quantity | case weight | case volume | pallet quantity |
|--------|-----------|------------|------------------|----------|---------------|-------------|-------------|-----------------|
| 292818 | 150 | 37 | 50.5 x 50.5 x 88 | 15 | 300 | 8.40 | 0.096 | 4,800 |
| 292819 | 250 | 37 | 58 x 58 x 103 | 21 | 210 | 6.00 | 0.096 | 3,360 |
| 292820 | 500 | 50.5 | 77 x 77 x 116 | 35 | 165 | 8.18 | 0.140 | 2,640 |
| 292821 | 1,000 | 50.5 | 96 x 75 x 172 | 62 | 90 | 7.00 | 0.140 | 1,440 |



Polyethylene bottles

Rectangular body and cap made of polyethylene.
The smaller sides are gripped for a better handling.
The bigger sides are flat for labelling.
Self-sealing blue cap with internal security ring.
Hermetical closure. Tamper evident system.
Supplied uncapped.

| code | volume ml | dimensions mm | int. mouth Ø mm | body weight g | case quantity | case weight | case volume | pallet quantity |
|--------|-----------|---------------|-----------------|---------------|---------------|-------------|-------------|-----------------|
| 282310 | 500 | 83 x 65 x 135 | 28 | 40 | 123 | 5.55 | 0.11 | 2,460 |
| 282311 | 1,000 | 83 x 65 x 235 | 28 | 61 | 73 | 4.93 | 0.11 | 1,460 |



See sterile models on
Chapter 1. **Microbiology**

Drum with screen and childproof cap

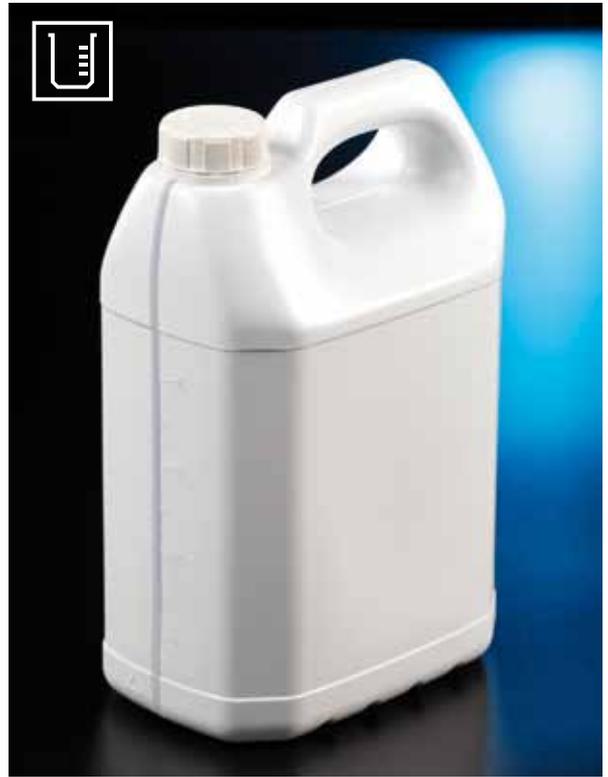
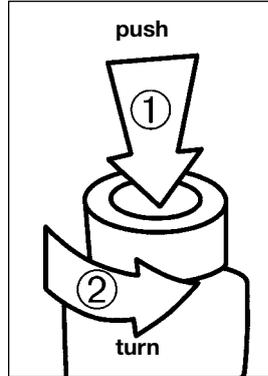
Made of white colour high density polyethylene.
They embody a handle and a graduated screen which allows the user to see the content.

Childproof, tamper evident, ribbed screw cap with insert plug (see how to use a childproof cap in page 164).

Made with materials suitable for alimentary use.

Drums are supplied non screwed.
Dimensions: 133,8 x 192,5 x 391 mm

| code | capacity l | total cap. ml | Ø int. mouth mm | body weight g | case quantity | case weight | case volume | pallet quantity |
|--------|------------|---------------|-----------------|---------------|---------------|-------------|-------------|-----------------|
| 202505 | 5 | 5,260 | 34.5 | 170 | 16 | 3.25 | 0.14 | 256 |



Bottle with screen and childproof cap

Bottle with screen and childproof cap.

Made of white colour high density polyethylene.

It embodies a **graduated screen** (up to 900 ml) which allows the user to see the content.

Childproof, tamper evident, ribbed screw cap with insert plug (see how to use a childproof cap in page 164).

Made with materials suitable for alimentary use.
Bottles are supplied non screwed.

| code | volume ml | total volume ml | Ø x height mm | body weight g | case quantity | case weight | case volume | pallet quantity |
|--------|-----------|-----------------|---------------|---------------|---------------|-------------|-------------|-----------------|
| 202502 | 1,000 | 1,120 | 87.5x226.5 | 65 | 74 | 5.4 | 0.14 | 1,184 |



Cylinder with handle

Made of polypropylene.

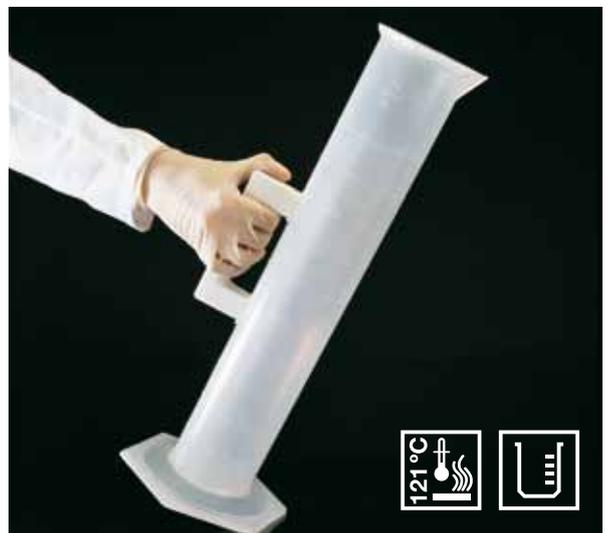
The handle provides a secure, solid grip for superior control, specially when handling large volumes.

Pouring is safer and more convenient, as the cylinder is specially designed to ensure a total liquid delivering. 89 x 29 mm hand opening for easy handling. Hexagonal base to prevent tipping and rolling.

Accurate and easy to read graduated double scale on the cylinder.

Autoclavable at 121 °C.

| code | volume l | graduation ml | height mm | bottom Ø mm | Ø cylinder int. mm | Ø cylinder ext. mm | quantity | weight | volume |
|--------|----------|---------------|-----------|-------------|--------------------|--------------------|----------|--------|--------|
| 191578 | 1 | 10 | 440 | 146 | 59 | 64 | 1 | 0.62 | 0.020 |
| 191579 | 2 | 20 | 490 | 161 | 81 | 87 | 1 | 0.80 | 0.020 |





Stackable drums with tamper evident caps

Made of natural colour high density polyethylene. They embody a **handle** and a **tamper evident**, ribbed screw red **cap**, made of HDPE, with internal joint and internal security ring.

Hermetical closure when the cap is totally screwed.

ONU ADR compliant. Drums and caps are supplied non screwed.

| code | capacity l | total capacity ml | minimum wall thickness mm | dimensions mm | quantity | weight | volume | pallet quantity |
|--------|------------|-------------------|---------------------------|-----------------|----------|--------|--------|-----------------|
| 206020 | 20 | 20,900 | 1.20 | 242 x 298 x 365 | 1 | 1.00 | 0.028 | 48 |
| 206025 | 25 | 25,550 | 1.20 | 242 x 298 x 443 | 1 | 1.20 | 0.028 | 48 |



Wide mouth drums with security cap

Made of high density polyethylene.

Translucent natural color.

Self-sealing green screw cap in polyethylene, with white insert plug.

It features a black folding handle.

| code | capacity l | Ø external body mm | Ø internal mouth mm | height mm | quantity | weight | volume | pallet quantity |
|--------|------------|--------------------|---------------------|-----------|----------|--------|--------|-----------------|
| 202616 | 5 | 169 | 105 | 288 | 1 | 0.22 | 0.0065 | 256 |



Stackable drum with tamper evident screw cap

Made of high density polyethylene.

It is provided with a sealing screw cap with grip.

This drum has four flat sides suitable for sticking information labels.

They are distinguished by two main characteristics: they can be easily stacked joining the tops and the bottoms together, and they can be palletised thanks to their reduced overall dimensions.

All of them are ONU compliant, meeting all the standards for the transport of hazardous, toxic and noxious products.

| code | nominal capacity l | total capacity l | dimensions mm | Ø mouth mm | DIN | quantity | weight | volume | pallet quantity |
|--------|--------------------|------------------|-----------------|------------|-----|----------|--------|--------|-----------------|
| 202605 | 5 | 5.5 | 198 x 148 x 240 | 44 | 51 | 1 | 0.260 | 0.007 | 200 |
| 202610 | 10 | 11.6 | 224 x 193 x 305 | 44 | 51 | 1 | 0.450 | 0.017 | 100 |
| 202620 | 20 | 21.7 | 245 x 295 x 375 | 44 | 51 | 1 | 0.900 | 0.027 | 48 |
| 202625 | 25 | 26.9 | 245 x 295 x 435 | 44 | 51 | 1 | 1.100 | 0.030 | 48 |
| 202630 | 30 | 34.5 | 332 x 290 x 428 | 49 | 51 | 1 | 1.300 | 0.040 | 36 |

Storage bottles

Bottles and caps made of high density polyethylene.

Wide neck bottle (natural colour, translucent) with screw cap (black and blue).

It features a double cap: it includes a blue internal cap that works as a plug.

Ribbed cap for a better handling.

Bottles include a sturdy aluminium handle for easy carrying.

Not suitable to transport liquids.

| code | capacity l | mouth Ø mm | body Ø mm | height mm | unitary weight g | case quantity | case weight | case volume | pallet quantity |
|--------|------------|------------|-----------|-----------|------------------|---------------|-------------|-------------|-----------------|
| 202825 | 5 | 100 | 175 | 275 | 190 | 14 | 4.9 | 0.14 | 224 |
| 202826 | 10 | 100 | 215 | 340 | 380 | 6 | 4.5 | 0.14 | 96 |





Drums with tap

Made of high density polyethylene.

Heavy duty drums, wall thickness 2 mm.

Can be used at temperatures below 0 °C.

The tap includes a seal ring to ensure a leakproof seal.

Each drum includes a screw cap and a plug for added security. With two handles for easy transport.

Drums are supplied complete with tap (also available spare tap).

| code | capacity l | Ø neck mm | Ø base mm | height mm | quantity | weight | volume |
|-----------------------------|---------------|--------------|--------------|--------------|----------|--------|--------|
| 19660 | 5 | 52.5 | 165 | 345 | 1 | 0.40 | 0.008 |
| 19662 | 10 | 52.5 | 210 | 425 | 1 | 0.80 | 0.012 |
| NEW 19664* | 25 | 79.5 | 280 | 565 | 2 | 1.4 | 0.042 |
| NEW 19666* | 50 | 79.5 | 350 | 700 | 2 | 2.1 | 0.085 |

Spare tap:

| code | capacity l | Ø neck mm | Ø base mm | height mm | quantity | weight | volume |
|--------------|---------------|--------------|--------------|--------------|----------|--------|--------|
| 19375 | - | - | - | - | 1 | 0.20 | 0.001 |

*Minimum order quantity: 1.



Wide and narrow neck drums

Heavy duty drums made of high density polyethylene.

Include an insert plug for a positive leakproof seal, and one handle for easy carrying. Tagging points on neck and cap for a tamper proof closure or for labelling.

Wide mouth drums are designed both for liquids and powders, easy to fill and pour.

Wide neck bottles (1)

| code | capacity l | Ø neck mm | Ø body mm | height mm | quantity | weight | volume | pallet quantity |
|---------------|---------------|--------------|--------------|--------------|----------|--------|--------|--------------------|
| 191640 | 5 | 90 | 165 | 305 | 1 | 0.45 | 0.008 | 200 |
| 191642 | 10 | 120 | 210 | 395 | 1 | 0.95 | 0.017 | 90 |

Narrow neck bottles (2)

| code | capacity l | Ø neck mm | Ø body mm | height mm | quantity | weight | volume | pallet quantity |
|---------------|---------------|--------------|--------------|--------------|----------|--------|--------|--------------------|
| 191646 | 10 | 53 | 210 | 420 | 1 | 0.95 | 0.018 | 90 |





Wide mouth storage drums with tap and plug

Body and cap made of polyethylene.
 Screw cap, green colour, with non hermetical plug.
 They embody a tap, and two black folding handles at the top.
 Not designed to transport liquids.
 External mouth diameter: 150 mm.

| | code | capacity l | Ø base mm | height mm | quantity | weight kg | volume |
|--|--------|---------------|--------------|--------------|----------|--------------|--------|
| | 209030 | 30 | 345 | 470 | 1 | 1.51 | 0.059 |
| | 209050 | 50 | 345 | 675 | 1 | 2.35 | 0.084 |

Funnels

Material: polypropylene.
Autoclavable.

| code | stem internal Ø mm | stem external Ø mm | bouche mm | quantity | weight | volume |
|--------|-----------------------|-----------------------|--------------|----------|--------|--------|
| 194171 | 5.7 | 8.1 | 80 | 1 | 0.027 | 0.0001 |
| 194172 | 9.1 | 11.7 | 100 | 1 | 0.022 | 0.0005 |
| 194173 | 9.6 | 13.0 | 120 | 1 | 0.032 | 0.0005 |
| 194175 | 13.9 | 18.2 | 180 | 1 | 0.080 | 0.0012 |
| 194176 | 18.5 | 21.8 | 220 | 1 | 0.160 | 0.0028 |
| 194177 | 21.7 | 26.4 | 260 | 1 | 0.20 | 0.0081 |
| 194178 | 24.7 | 29.7 | 300 | 1 | 0.34 | 0.0110 |





Industrial drums

These drums are produced in high density polyethylene. Their particular top, which has a **perfectly stiffened rim obtained** during the moulding phase, prevents the opening from becoming deformed and the lid from becoming detached as a consequence of any drops or violent shocks. They feature a metal washer that ensures a perfect closure where is also suitable to place a tamper evident seal. Thanks to their **airtight seal**, they are **suitable for transport by sea, road or railway** and, thanks to their construction characteristics and qualities; they **fully meet the current ONU ADR standards for transport of hazardous toxic and noxious products**. Incinerable (excluding the metal closure).

These drums are produced using selected top-quality raw materials, they feature excellent drop-impact resistance even at low temperature (-20 °C) and stability against corrosion from chemical agents which may cause stress cracking.

Their **internal surface is perfectly smooth**, and this makes it easy to fully empty and completely clean the inside from any powder, paste or semi-dense products. Codes **208030** and **208060** have two handles for easy carrying.

| code | capacity l | body Ø mm | mouth Ø mm | height mm | quantity | weight kg | pallet quantity |
|---------------|------------|-----------|------------|-----------|----------|-----------|-----------------|
| 208030 | 30 | 320 | 252 | 502 | 1 | 2.0 | 48 |
| 208060 | 60 | 405 | 327 | 610 | 1 | 3.0 | 27 |
| 208128 | 120 | 480 | 400 | 800 | 1 | 5.3 | 18 |



Large deep trays

Made of natural high density polyethylene.

Stackable. Include ergonomically designed handles.

| code | dimensions mm | height mm | tray volume l | quantity | weight kg |
|--------------|---------------|-----------|---------------|----------|-----------|
| 19603 | 550 x 430 | 310 | 50 | 1 | 1.80 |
| 19604 | 630 x 440 | 340 | 65 | 1 | 2.20 |
| 19605 | 720 x 470 | 360 | 90 | 1 | 4.00 |





The technical data (dimensions, capacities and resistances) specified in this catalogue are approximated.
The resistances (to chemical products, temperature, centrifugation...) may suffer variations depending in external conditions.
We recommend to test the product under the forecasted conditions of use. Please do not hesitate to ask for samples if necessary.



D

E

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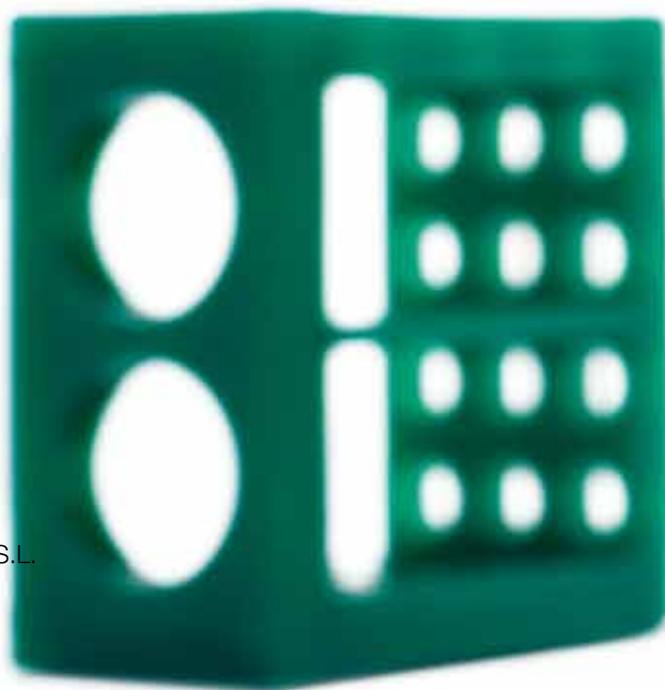
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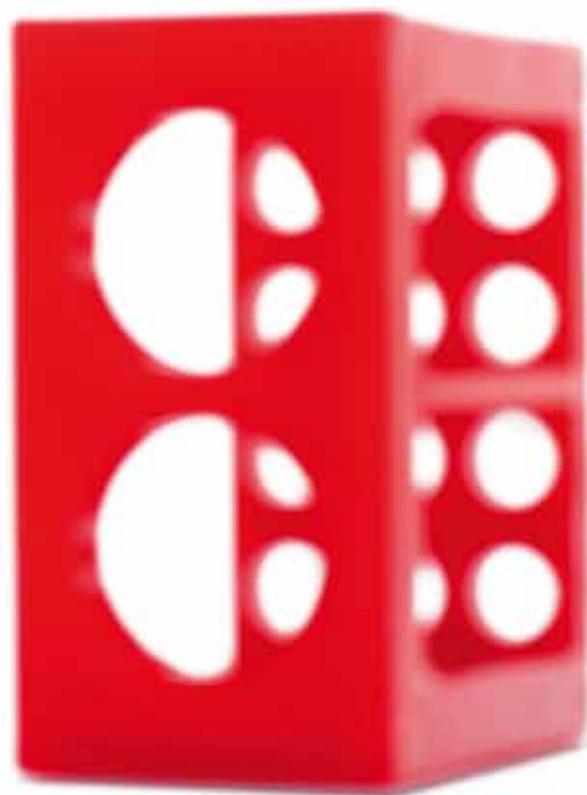
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