





**HYGIENE, SAFETY
AND GENERAL LABWARE**



 **deltalab**

Clasification 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.

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.**

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.

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	242000	2.0	PE	143	125	160	60	8.90	0.116	12
2	243500	3.75	PP	195	175	157	40	10.00	0.144	12
3	246000	6.0	PP	220	194	203	20	7.82	0.146	12
4	240007	7.0	PE	220	190	238	20	7.80	0.144	12

In accordance with major European and international standards (ONU ADR, etc.)



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

Code **240028** is total opening only.

mod.	code	capacity l	material (body / 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	400
2	240021	20	PP / PP	315	277	348	10	9.39	0.090	190
3	240028	25	PP / PP	322	278	391	10	9.71	0.100	100

In accordance with ONU standards and major European standards.



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**

mod.	code	description	bag quantity	bag weight	bag volume
1	901531	roll of 500 labels (labels size 25 x 25 mm)	500	0.07	0.0002
2	901533	bag of 10 units 200 x 250 mm	10	0.06	0.0010



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 242)).

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
90	yellow	Ø mouth 70; Ø base 100; height with cap 173	76	7.90	0.150






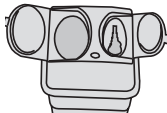
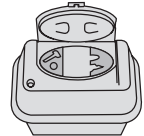
NEW

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.

1. **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.
2. **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.
3. **232811**, 0.45 l capacity. Similar to the previous model, but in yellow colour, and featuring **device C**.
4. **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.
5. **232809**, 1 l capacity. Suitable in places where waste quantity to be disposed of is small. With a handle and devices **A and C**.
6. **232808**, 2 l capacity. Features devices **type D**.
7. **232801**, 4 l capacity. The most used container for discarding residues in general. Embodies devices **type D** and a handle.
8. **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.

A mod. 1, 4	B mod. 2	C mod. 3	A+C mod. 5	D mod. 6, 7, 8
				
Oval aperture for syringes and lancets.	Removal of needles with non return system.	Removal of luerlock, luer slip and pen needles.	Removal of needles with non return system and 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.



All the them meet ADR UN. Medical waste unspecified Type II and III.
They are also in accordance with BS 7320, EN ISO 23907:2012, NFX 30 511:2015, NF 302, Kyte Mark, TRBA 250 and Ö norm.

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	6.22	0.040
2	260000	0.45	105 x 50 x 167	B	0.35	88	100	10.00	0.080
3	232811	0.45	105 x 50 x 167	C	0.35	88	100	9.88	0.080
4	232806	0.60	110 x 55 x 220	A	0.47	112	100	12.30	0.112
5	232809	1.00	107 x 90 x 190	A+C	0.81	125	100	13.70	0.093
6	232808	2.00	195 x 120 x 170	D	1.60	216	50	12.50	0.092
7	232801	4.00	175 x 175 x 248	D	3.00	310	50	16.73	0.130
8	232802	7.00	175 x 175 x 382	D	5.60	434	50	23.78	0.200

These models are constantly updated; design can be slightly modified.



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.

Closing sealed for air and gas.

Manufactured following new French Standard NFX 30 505.



mod	code	capacity l	container dimensions mm	maximum load (ADR) kg	weight ut. g	pallet dimensions	pallet quantity	case quantity	case weight	case volume
1	240035	30	415 x 314 x 373	14	1,400	80 x 120 x 200	100	10	14.91	0.15
2	240065	60	415 x 314 x 575	25	1,984	80 x 120 x 200	100	10	19.84	0.17

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 **270055**, 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. Suitable for liquid and solid products or products with a certain level of humidity. 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.

In accordance with UN ADR (road transport), and manufactured pursuant new French Standard NFX 30 507.



mod	code	capacity l	container dimensions mm	maximum load (ADR) kg	weight ut. g	pallet dimensions	pallet quantity	case quantity	case weight	case volume
3	270055	50	263 x 263 x 756	12.5	660	100 x 120 x 180	40 x 10	400	264	1.80
4	270050*	50	355 x 263 x 485	12.5	570	355 x 263 x 485	330	300	155	0.09

* Weight without bag. The inner bag weighs 0.070 kg.





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. The tapes have high tack adhesive and they offer good resistance to heat and moisture. Also, the tapes are resistant and it is hard to break them.

1. Code 191050

Tape designed to check what individual units have been exposed to Ethylene Oxide (EO) sterilisation. Also, it is used to distinguish between sterilised and no sterilised units during their storage. The word GAS in brown changes its colour into green after the EO sterilisation, by the following specifications:

- Exposition to 600 mg/l EO and 60% of relative humidity (RH) for minimum 30 min. at **30 °C**.

2. Code 191051

Tape designed to use with individual units, to check if the units have been exposed to dry heat/poupinel sterilisation, and to distinguish between sterilised units and no sterilised units during their storage. It must not be used in wet processes. Signals in V shape convert themselves from light green into intense green when it has been sterilised according to the following specifications:

- Exposition in dry air at **160 °C** or more for minimum 30 minutes.

3. Code 191052

Tape designed to be used with individual units to show that they have been exposed to steam (autoclave) sterilisation, and to distinguish between sterilised units and non sterilised units. Not to be used in any other process than steam sterilisation (autoclave). The tape is lead free. Green printed strips turn to brown after the sterilisation of the tape by the following specifications:

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

Validity of the product: 24 months from the production date.

mod.	code	type of sterilisation	length. mm	width mm	case quantity	case weight	case volume
1	191050	ethylene oxyde gas	50	19	8	0.93	0.0027
2	191051	dry heat (poupinel)	50	19	8	1.06	0.0043
3	191052	autoclave	50	19	8	1.08	0.0043



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	0.33	0.0007
2	191223	roll of 19 mm x 13 m	8	0.33	0.0007

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 a **121°C**.

Code 200100 is made of an autoclavable polyethylene, while the rest of the codes are manufactured in autoclavable polypropylene.



code	dimensions cm	materiel	aprox. capacity l	tickness microns	bag quantity	bag weight	bag volume
200310	30 x 60	PP	12	37.5	500	5.99	0.013
200311	40 x 75	PP	24	37	300	6.10	0.023
200100	50 x 75	PE	34	30	100	2.05	0.006
200312	60 x 75	PP	49	37	200	6.25	0.020
200318	75 x 90	PP	100	37	100	4.36	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	10.93	0.017
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 (GL45) 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	1.80	0.004
402002	250	GL45	70	138	10	2.79	0.008
402005	500	GL45	86	176	10	4.22	0.015
402010	1,000	GL45	101	225	10	6.52	0.027
402020	2,000	GL45	136	260	10	10.54	0.059





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.

All tape models are 19 mm wide.

The code **191220** is a 12 roll tape metal dispenser that accepts 13 m rolls. The dispenser has the following dimensions: 31x7x13 mm.

code	colour	Ø mm	case quantity	case weight	case volume
13 m tape roll					
191221/1	white	26	16	0.64	0.001
191221/2	red	26	16	0.64	0.001
191221/3	yellow	26	16	0.64	0.001
191221/4	green	26	16	0.64	0.001
191221/5	orange	26	16	0.64	0.001
191221/6	blue	26	16	0.64	0.001
55 m tape roll					
191221.1	white	76	12	1.78	0.005
191221.2	red	76	12	1.78	0.005
191221.3	yellow	76	12	1.78	0.005
191221.4	green	76	12	1.78	0.005
191221.5	orange	76	12	1.78	0.005
191221.6	blue	76	12	1.78	0.005
Accessoires					
191220	dispenser	-	1	2.75	0.005

Minimum order quantity: 1



Adhesive labels

White colour.

code	description	bag quantity	bag weight	bag volume
901031	55 x 37 mm printed	5.000	1.15	0.002
901031.2	55 x 37 mm plain	5.000	1.20	0.003
901030	35 x 25 mm printed	2 x 7.500	2.25	0.006

Check with our commercial department for other measures.

Safety glasses

Made of polycarbonate (1.5 mm thickness).
Scratch resistant, antifogging, antistatic lenses.
Protect against UV rays.
With lateral vents. Conform to EN 166 standard.
Eyepiece dimensions: 145 x 65 mm.



code	description	quantity	weight	volume
19385	glasses	5	0.49	0.003



Safety glasses

Made of polycarbonate (2 mm thickness).
Can be worn over conventional corrective glasses.
Conform to EN 166, EN 167 and EN 168.
Standard.
Eyepiece dimensions: 152 x 60 mm.



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	0.26	0.004





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



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	0.04	0.0002



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	0.06	0.0002
W-110	up to 10 ml	green	1	0.06	0.0002
W-120	up to 25 ml	red	1	0.06	0.0002

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	0.34	0.005

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	5.02	0.110



Wide mouth wash bottles

Translucent low density polyethylene bottles, with screw cap and delivery tube available in 3 different colours (natural, 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.

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	250	natural	38	60	140	10	0.64	0.018
191637.04	250	blue	38	60	140	10	0.64	0.018
191637.06	250	yellow	38	60	140	10	0.64	0.018
191637.10	250	red	38	60	140	10	0.64	0.018
191638	500	natural	38	75	165	10	1.01	0.019
191638.04	500	blue	38	75	165	10	1.01	0.019
191638.06	500	yellow	38	75	165	10	1.01	0.019
191638.10	500	red	38	75	165	10	1.01	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

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	0.027	40
441242.2	STERILE EO individual flow-pack	4 x 500	12.66	0.070	24

Sterile models are supplied with "instructions for use".



Plastic tongue depressors

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 EO individual flow-pack	4 x 500	12.66	0.070	24

Sterile models are supplied with "instructions for use".



Absorbent paper

This 125 g/m² 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: 0.250 mm. Absorption: 240 g/m². Klemm absorption: 86 mm.

code	description	case quantity	case weight	case volume
120003	50 m x 50 cm reel	1 reel	3.01	0.009
120002	50 x 50 cm sheets	1 x 100 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

Capillary rise of water. Klemm Method (UNE 57044): SL> 75 ST> 70.

Urine collection bottle

Made of polyethylene.

Colour: natural. The 19591 and 19591 / T codes have 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.

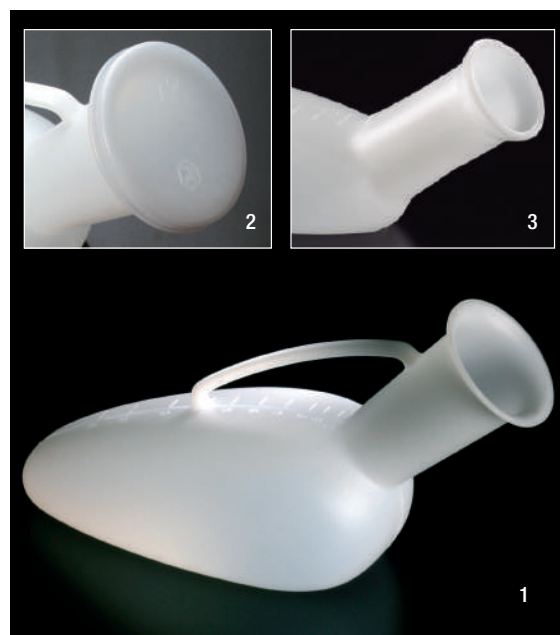
Supplied **individually wrapped**.

Can be sterilised by ethylene oxide.



	code	description	total capacity	case quantity	case weight	case volume	cases per pallet
1	19591*	without lid	1 l	60	5.40	0.160	12
2	19591/T*	with lid	1 l	60	6,54	0,160	12
3	C02	without lid, without handle	1 l	70	6.71	0.150	16

* Supplied with "instructions for use".



Bed pan

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	10.69	0.140	12

Supplied with "instructions for use".



Dental containers

Manufactured in polypropylene and intended for the hygienic storage and preservation of dental prostheses, orthodontic sections and dental splints.

It has flexible and waterproof walls and closure system by means of a front flange.

The open container is stackable, which reduces the space of storage, and stackable once closed, thanks to the projections in the base and the lid.

Contact the commercial department for individual packaging.



code	colour	case quantity	case weight	case volume
D01	white	300	9.4	0.070
D03	green	300	9.4	0.070



Glove properties chart

	LATEX	NITRILE	VINYL
Mechanical resistance			
Perforation	●	●	●
Tearing	●	●	●
Adequate for foodstuff handling	●	●	●
Comfort	●	●	●

Maximum resistance of nitrile gloves 125 °C.

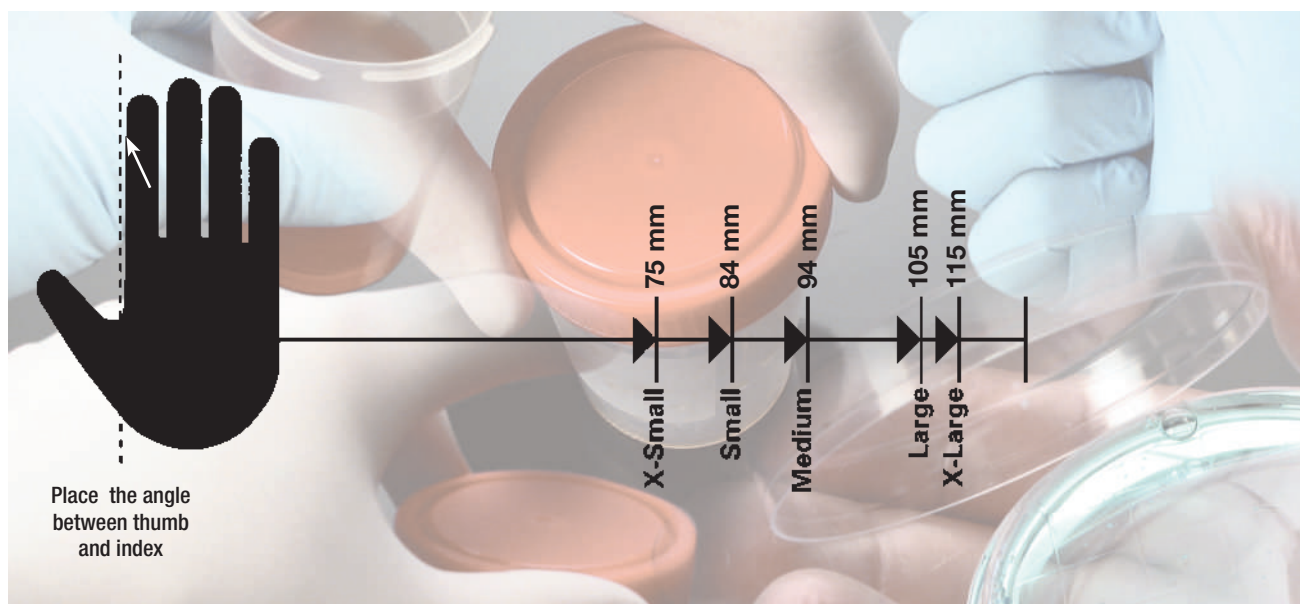
- Excelent
- Good;
- Limited
- Not recommended

These indications are solely for information. It is strongly recommended that the user carries out preliminary testings.

Glove chemical resistance chart

Diluted mineral acids			
Hydrochloric acid	●	●	●
Chromic acid	●	●	●
Nitric acid	●	●	●
Perchloric acid	●	●	●
Phosphoric acid and Sulphuric acid	●	●	●
Ácidos concentrados			
Chlorhidric acid	●	●	●
Chromic acid	●	●	●
Nitric acid	●	●	●
Sulphuric acid	●	●	●
Hydrocarbon and oil by products			
Aniline	●	●	●
White spirit	●	●	●
Styrene	●	●	●
Gasoline, Hexane, Paraffine, Kerosene	●	●	●

CHOOSE YOUR GLOVE SIZE - MEASURE YOUR HAND



See more information about our gloves in Chapter 0. Technical Information (page 12)



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	0.001

Latex gloves

Single use gloves, suitable for medical, laboratory use, industries, etc. Made of top quality natural colour latex. Supplied in convenient dispenser boxes of 100 units. Ambidextrous, ergonomic and have beaded cuffs, which makes them more resistant. Non sterile. 2 versions: powder-free or pre-powdered. Pre-powdered model contains cornstarch.

In compliance with regulations:

- Registered as CE MDD
- Directive 93/42/EEC. Medical devices
- Directive on Personal Protective Equipment (PPE) 89/686/EEC (Category III)
- European Standards EN 455, EN 374, EN 420, EN 380.
- Micro perforations Inspection Level: AQL 1.5
- Free of all chemicals contained in the "candidate list" of REACH.

Thickness:

Latex gloves with powder

Finger: 0,12 mm (\pm 0,03 mm)

Palm: 0,09 mm (\pm 0,03 mm)

Fist: 0,08 mm (\pm 0,03 mm)

Latex gloves without powder

Finger: 0,10 mm (\pm 0,03 mm)

Palm: 0,09 mm (\pm 0,03 mm)

Fist: 0,07 mm (\pm 0,03 mm)



code	size	description	case quantity	case weight	case volume
1020LP	small (6-7)	powder-free	10 x 100	6.11	0.020
1020LM	medium (7-8)	powder-free	10 x 100	6.13	0.020
1020LG	large (8-9)	powder-free	10 x 100	6.96	0.020
1000LSP	extra-small (5-6)	pre-powder	10 x 100	5.40	0.018
1000LP	small (6-7)	pre-powder	10 x 100	5.60	0.018
1000LM	medium (7-8)	pre-powder	10 x 100	6.00	0.018
1000LG	large (8-9)	pre-powder	10 x 100	6.30	0.019

Expiration: 60 months



Nitrile gloves

Single-use gloves made of blue nitrile. Powder-free. Non sterile.

Suitable for medical and laboratory use. Supplied in convenient dispenser boxes of 100 units. Opening box with pre-drilled at the top. Easy and convenient removal of the glove. Indication of height in dispenser box and carton. Maximum safety and waterproof gloves, they are three times more resistant than latex gloves.

Antistatic, ambidextrous and ergonomic.

Beaded cuff, reinforced ensuring easy installation and preventing it from rolling. High sensitivity to touch. Finish: microtextured outer surface on the fingertips, it provides greater grip strength. Chlorinated inner surface, smooth and comfortable. Use temperature range: -20 °C to 50 °C. Free of protein. Made of materials suitable for food use.

In compliance with:

- CE mark According to Directive 93/42/CE.
- European Standards: EN 420, EN 374, EN 455, EN 388.
- Directives PPE: 89/686/EEC (Category III)
- ASTM D 6978-05, ASTM F 1671, ASTM F 1670

Thickness:

Finger: 0,10 mm (\pm 0,02 mm)

Palm: 0,07 mm (\pm 0,02 mm)

Fist: 0,05 mm (\pm 0,02 mm)



code	size	description	case quantity	case weight	case volume
4020NP	small (6-7)	powder-free nitrile gloves	10 x 100	3.90	0.021
4020NM	medium (7-8)	powder-free nitrile gloves	10 x 100	4.20	0.021
4020NG	large (8-9)	powder-free nitrile gloves	10 x 100	4.50	0.021

Expiration: 60 months

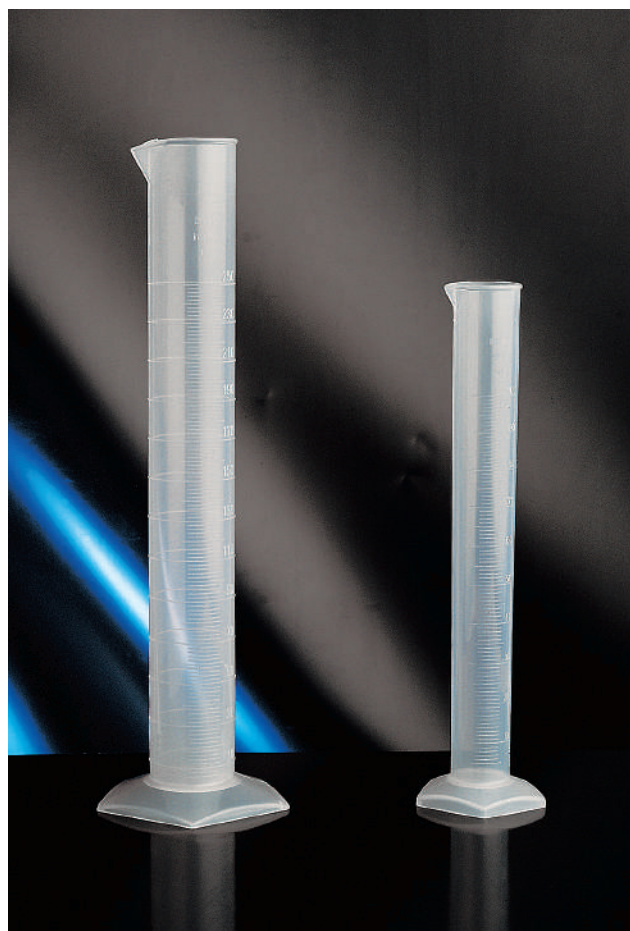


Measuring cylinders with pentagonal base

Material: polypropylene. Autoclavable up to 121 °C.
In compliance with ISO 6706 standard.

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.
In compliance with ISO 6706 standard.

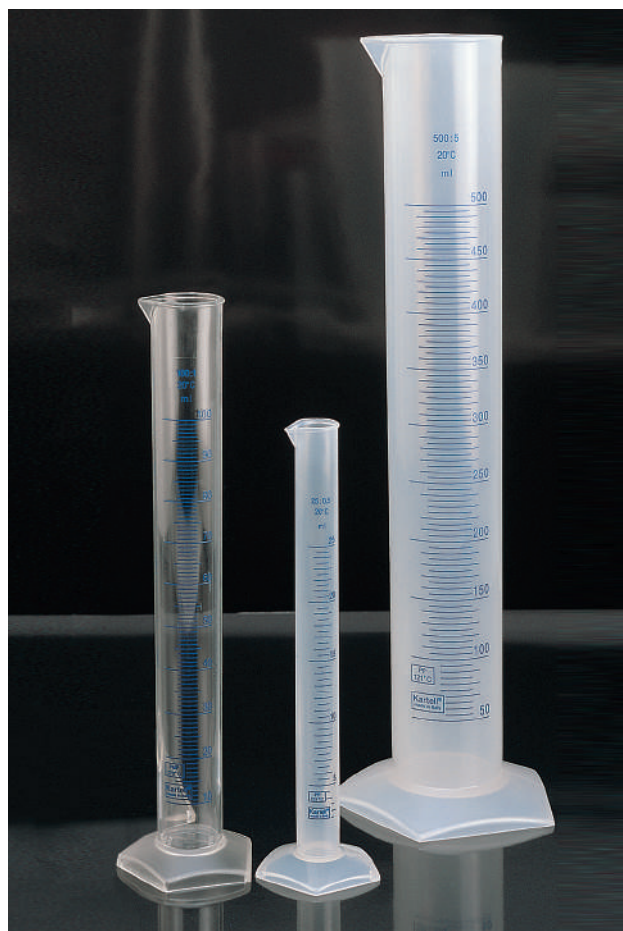
POLYPROPYLENE								
code	capac. ml	grad. ml	subdiv. ml	O.D. Ø mm	height mm	case quantity	case weight	case volume
192562*	50	10	1.0	26	200	30	1.15	0.011
192563*	100	10	1.0	31	250	30	1.33	0.021
192564*	250	20	2.0	41	315	12	1.50	0.014
192565*	500	50	5.0	56	360	12	2.50	0.028
192566*	1,000	100	10.0	66	440	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.
In compliance with ISO 6706 standard.

TPX								
code	capac. ml	grad. ml	subdiv. ml	O.D. Ø mm	height mm	case quantity	case weight	case volume
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

*Minimum order quantity: 1.



Volumetric flasks with stopper

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



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.

code	capac. ml	height mm	Ø base mm	neck	case quantity	case weight	case volume
191484	25	132.5	36	12 / 21	20	0.24	0.002
191485	50	143.9	46	14 / 23	20	0.32	0.005
191486	100	173.8	58	14 / 23	20	0.39	0.012
191487	250	224	82	19 / 26	10	0.52	0.010
191488	500	264	100	19 / 26	10	0.60	0.018
191489	1,000	324	120	19 / 26	5	0.55	0.019

Minimum order quantity: 1.



Erlenmeyer flasks

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

code	capac. ml	grad. ml	neck	quantity	weight	volume
191461	125	25	14.5 / 23	1	0.03	0.0006
191462	250	25	19 / 26	1	0.04	0.0001
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	0.0004





Graduated beakers

Made of TPX. Autoclavable to 170 °C.
In compliance with ISO 7506 standard.



code	capac. ml	subdiv. ml	Ø mm	height mm	case quantity	case weight	case volume
191721	50	2	42	60	20	0.29	0.004
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.
In compliance with ISO 7506 standard.



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	0.50	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 7506 standard.



code	capac. ml	Ø mm	height mm	case quantity	case weight	case volume
409050	50	42	60	20	0.29	0.004
409100	100	53	72	12	0.33	0.005
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	1	1.14	0.019
19424	500	180	8	1.00	0.028
19425	1,000	270	3	0.81	0.016



Low form graduated beakers

Material: PFA.

High chemical and temperature resistance (–250 °C / 270 °C).

PFA main features:

This is a type of polyethylene where hydrogen atoms have been replaced by fluorine ones, commonly called «fluocarbons».

- Unbreakable, resistant to almost all temperatures
- Resistant to almost all chemical products, except fluorine and other alkaline metals during fusion
- Non flammable

Highly recommended for those cases where extreme conditions of transport and storage are required.



code	capacity ml	div. ml	height mm	Ø mm	quantity	weight	volume
191537	250	50 / 1	96	67	1	0.05	0.001



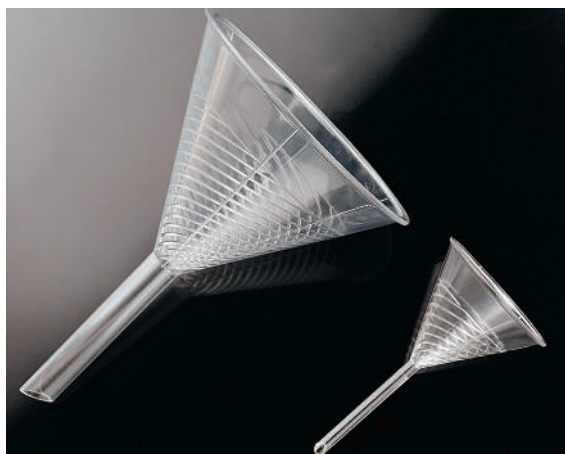


Analytical funnels

Material: polypropylene. **Autoclavable**. 60° angle.



code	Ø mm	stem Ø mm	length stem mm	total length mm	case quantity	case weight	case volume
19146	37	5	37	63.4	20	0.06	0.0019
19147	46	5	43	79	20	0.07	0.0036
19148	66	10	62	112	20	0.20	0.0110
19150	81	11	70	132	20	0.34	0.0135
19152	100	11	82	161.5	1	0.03	0.0007
19153	120	11	86	184	1	0.04	0.0038



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	0.12	0.0022
19172	70	3	150	6	0.19	0.0042
19173	100	7	108	4	0.26	0.0063
19174	140	10	132	6	0.96	0.0250



Long-stem funnels

Material: polypropylene. 60° angle. **Autoclavable**.



code	Ø mm	stem Ø mm	length stem mm	total length mm	case quantity	case weight	case volume
19164	80	8	143	206	10	0.20	0.017



Funnels

Material: polypropylene. **Autoclavable**.



code	external Ø mm	internal Ø mm	exit Ø (mm)	length (mm)	stem length (mm)	quantity	weight	volume
194171	80	75	5	83	30	1	0.03	0.0001
194172	100	90	8	100	35	1	0.03	0.0005
194173	120	110	9	115	40	1	0.04	0.0005
194175	180	175	12	170	60	1	0.09	0.0013
194176	220	210	17	205	75	1	0.17	0.0028
194177	260	250	21	245	85	1	0.29	0.0081
194178	300	290	24	285	105	1	0.37	0.0110

owder funnels

Material: polypropylene. **Autoclavable**. 60° angle.



code	Ø ext. mm	stem Ø mm	stem length mm	case quantity	case weight	case volume
19167	80	15	22.20	20	0.28	0.013
19168	100	25	24.80	20	0.57	0.011
19169	120	30	27.10	1	0.05	0.001
19166	180	40	48.80	1	0.09	0.009



«IMHOFF» sedimentation cone

Material: SAN. Moulded graduations according to DIN standards 12672.

Resistant to temperatures from **-20 °C to 85 °C**.

Graduation to 1, 2, 4, 6, 8, 10, 20, 30, 40, 60, 80, 100, 200, 300, 400, 500, 600, 700, 800, 900 et 1000 ml.



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



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
19438	70	55	16	11.8	1	1	0.05	0.007
19440	285	80	17.7	11.4	1.5	1	0.13	0.002
19441	390	90	18.1	14.4	2	1	0.20	0.003
19442	810	110	29.9	20.7	2	1	0.30	0.004
19443	2,100	160	29.5	22.8	2.5	1	0.60	0.012
19445	6,000	240	37.6	32.5	3	1	1.00	0.028





Burette clamps

Made of **autoclavable** polypropylene. Clamps can fit onto rods Ø 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.

mod.	code	description	case quantity	case weight	case volume
1	19139	for 1 burette	5	0.22	0.006
2	19140	for 2 burettes	5	0.32	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 Ø 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	0.005

Rods available separately. Please contact our Commercial department.



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.

 See chapter **Microbiology**

code	description	case quantity	case weight	case volume
19262	rounded base	1	0.24	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 41 and 204, except the 25 ml model.



code	dimensions mm (Ø x h)	case quantity	case weight	case volume
19254	230 x 480	1	0.39	0.005

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	0.0010
192472	500 - 2,000 ml	57	1	0.64	0.0004



Vacuum pump

Material: polypropylene. This vacuum pump combines excellent suction capacity with limited water consumption, under low pressure (0.5-1 kg/cm²) as well as high pressure (10 kg/cm²). 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	0.03	0.00001

Minimum order quantity: 1.



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.

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

code	description	height mm	Ø mm	case quantity	case weight	case volume
19215	burette washer	990	165	1	3.50	0.11000
19217*	pipette washer	734	165	1	3.35	0.08000
19218	pipette jar	650	165	1	1.80	0.04200
19219	pipette basket	650	130	2	2.00	0.02600
19221	pipette jar	500	165	1	1.50	0.03000

* Code 19217 requires a 13mm inner diameter tube. It is not included.



Drying rack

Wall mountable high impact white 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.

Peg sockets Length: 100 mm

code	dimensions mm	case quantity	case weight	case volume
19213	450 x 630 x 110	1	4.00	0.045



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.

Peg sockets Length: 90 mm

code	dimensions mm	case quantity	case weight	case volume
19212	640 x 360 x 140	1	2.12	0.130



Laboratory spatulas

Material: polystyrene.

code	description	length mm	bag quantity	bag weight	bag volume
19593	spatula-spoon	210	10	0.008	0.0005
19596	spatula-spoon	180	10	0.008	0.0005



Measuring scoops

Material: white polypropylene. **Autoclavable.**
Made with materials suitable for alimentary use.



code	capacity ml	alimentary use	length mm	bag quantity	bag weight	bag volume
191057	10	✓	100	12	0.06	0.0004
191058	25	✓	135	12	0.10	0.0016
191059	50	✓	160	12	0.16	0.0045
191060	100	✓	200	12	0.29	0.0054
191062	250	✓	260	6	0.27	0.0076
191063	500	✓	315	6	0.46	0.0130
191064	1,000	✓	400	6	0.73	0.0150



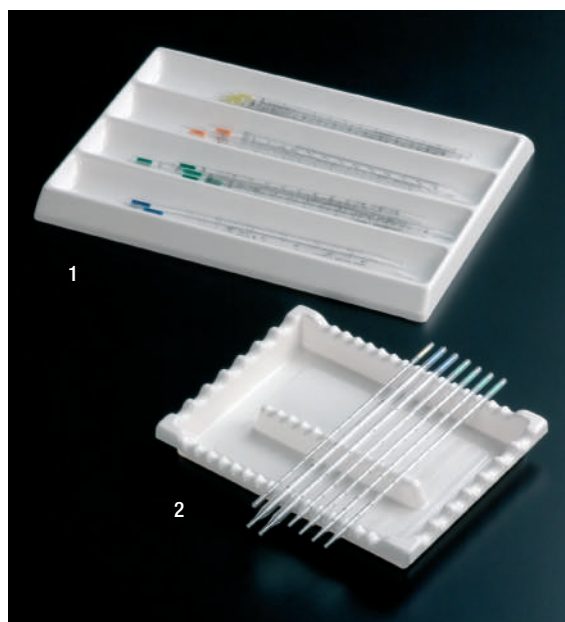
Measuring scoops

Material: high density polyethylene.
Made with materials suitable for alimentary use.



code	capacity ml	alimentary use	length mm	bag quantity	bag weight	bag volume
191065	25	✓	135	12	0.08	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	0.0050
191071	750	✓	350	6	0.69	0.0190
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.



See our range of pipettes on pages 41 and 204.

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



PVC Antiacid trays

Resistant to temperatures from -20°C to 80°C . Ideal for photographic purposes thanks to their ribbed interior surface.

code	int. dimensions mm	ext. dimensions mm	quantity	weight	volume
19280	200 x 150 x 45	245 x 195 x 50	1	0.15	0.0007
19281	250 x 200 x 60	305 x 250 x 60	1	0.24	0.0012
19282	320 x 260 x 70	385 x 325 x 75	1	0.47	0.0021
19283	350 x 300 x 80	420 x 375 x 85	1	0.52	0.0026
19284	430 x 330 x 90	505 x 405 x 95	1	0.79	0.0043
19285	520 x 420 x 90	600 x 495 x 100	1	1.15	0.0080



ABS trays

They withstand temperatures from -40°C to 85°C .

code	int. dimensions mm	ext. dimensions mm	body weight g	quantity	weight	volume
195703	320 x 220 x 10	353 x 252 x 21	217	20	5.72	0.014
195705	150 x 100 x 30	201 x 151 x 41	91	20	1.88	0.007
195706	260 x 110 x 30	303 x 151 x 42	134	20	2.76	0.008
195707	310 x 210 x 30	353 x 253 x 41	254	20	6.00	0.019
195709	140 x 90 x 70	202 x 151 x 81	110	20	2.36	0.008
195711	290 x 190 x 70	352 x 252 x 81	299	20	6.64	0.023
195713	380 x 270 x 10	408 x 300 x 21	345	10	3.50	0.014

Hexagonal weighing dishes

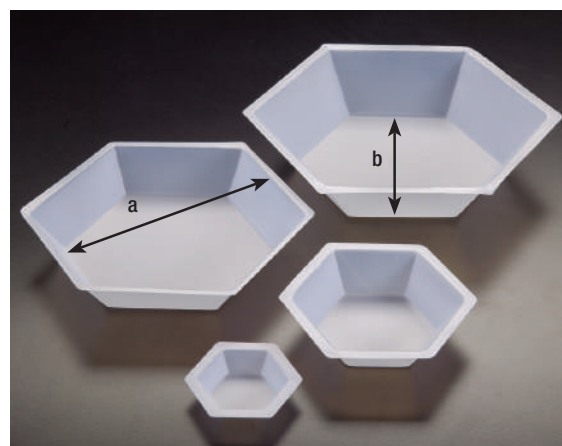
Made of white translucent polystyrene. Easily bent into pouring spouts, the dishes enable non-spill transfer. Biologically inert, contaminant-free, they are resistant to diluted acids, aqueous solutions, alcohols and bases.

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	9	35 x 25	500	0.28	0.001
1911107	50	64 x 47	500	1.00	0.004
1911108	200	110 x 85	500	2.30	0.007

For other measures, consult with the commercial team.



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**.

Made with materials that comply with FDA regulations concerning plastic materials in contact with food (styrene waste under 21 CFR 177.1640).

code	dimensions	weight g	bag quantity	bag weight	bag volume
1911103	41 x 41 x 8	0.34	500	0.32	0.001
1911104	89 x 89 x 25	1.07	500	1.39	0.005
1911105	140 x 140 x 22	3.27	500	3.47	0.013



Rhomboid weighing dishes

Polystyrene flexible weighing dishes with a smooth surfaces to provide accurate pour-outs with minimal sample loss. Biologically inert, contaminant-free, they are resistant to diluted acids, aqueous solutions, alcohols and bases.

Wide, flat bottom to resist tipping.

Antistatic.

Suitable for microwave. Will withstand temperatures from **70°C** to **-10°C**.

code	capacity ml	colour	dimensions	bag quantity	bag weight	bag volume
1911110	5	white	55 x 35 x 6	500	0.200	0.0010
1911111	30	white	78 x 56 x 14	500	0.520	0.0028
1911112	100	white	119 x 90 x 19	500	1.340	0.0082
1911114	30	black	78 x 56 x 14	500	0.500	0.0025

For other measures, consult with the commercial team.



Watch glasses

Made of **autoclavable** polypropylene. Moulded base for more stability.

Easy **cleaning**.



code	weight g	Ø mm	case quantity	case weight	case volume
19454	5.5	80	10	0.06	0.002
19455	10	100	10	0.10	0.002





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	0.0013
19972	for thermometers from 3.2 mm to 11 mm Ø Polypropylene	12 x 3	0.17	0.0018

Minimum order quantity: **19971** - 6 units **19972** - 3 units



Tubing clamps

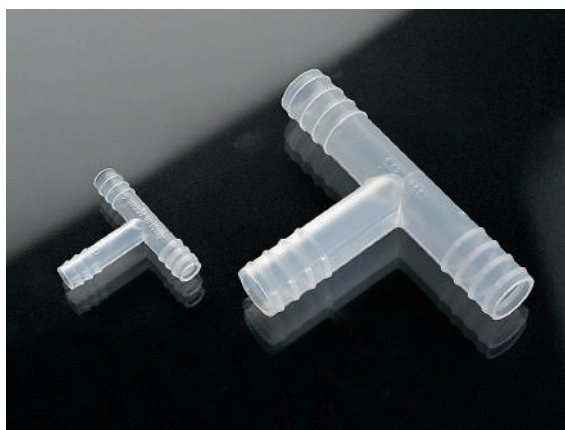
Material: **autoclavable** acetal.

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	0.09	0.0005
19504	for tubes of 11 to 19 mm (12 positions)	6	0.11	0.0007



«T» connectors

Material: polypropylene. **Autoclavable.**



code	fits tubing Ø mm	Ø mm* valley/crest	Ø mm int. mouth	shape	bag quantity	bag weight	bag volume
19460	6	4.5 / 5.4	2.8	T	20	0.01	0.0002
19461	8	6.9 / 7.6	4.4	T	20	0.23	0.0002
19462	10	8.7 / 9.5	6.3	T	20	0.54	0.0010

* See the scheme



«Y» and «+» connectors

Material: polypropylene. **Autoclavable.**



code	fits tubing Ø mm	Ø mm* valley/crest	Ø mm int. mouth	shape	bag quantity	bag weight	bag volume
19465	6	4.7 / 5.7	2.7	Y	20	0.12	0.00018
19467	10	8.9 / 9.9	5.5	Y	20	0.03	0.00002
19468	12	10.5 / 11.6	7.3	Y	20	0.09	0.00003

* See the scheme

Silicone tubing. Non toxic

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. Made with materials suitable for alimentary use.

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**). Pressure range: up to 1.5 bar

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
350013	1 x 3	1 x 15	0.12	0.0010
350024	2 x 4	1 x 15	0.23	0.0016
350034	3 x 4	1 x 15	0.22	0.0043
350035	3 x 5	1 x 15	0.26	0.0026
350037	3 x 7	1 x 15	0.51	0.0032
350046	4 x 6	1 x 15	0.56	0.0026
350048	4 x 8	1 x 15	0.80	0.0043
350057	5 x 7	1 x 15	0.38	0.0039
350059	5 x 9	1 x 15	0.83	0.0047
350069	6 x 9	1 x 15	0.61	0.0100
350610	6 x 10	1 x 15	0.83	0.0096
350612	6 x 12	1 x 15	0.22	0.0043
350079	7 x 9	1 x 15	0.63	0.0091
350710	7 x 10	1 x 15	0.70	0.0076
350810	8 x 10	1 x 15	0.67	0.0091
350812	8 x 12	1 x 15	1.11	0.0054
350814	8 x 14	1 x 15	1.87	0.0008
350912	9 x 12	1 x 15	0.82	0.0120
350915	9 x 15	1 x 15	0.22	0.0043
351014	10 x 14	1 x 15	1.43	0.0081
351420	14 x 20	1 x 15	2.72	0.0240
351622	16 x 22	1 x 15	4.15	0.0320
352030	20 x 30	1 x 15	7.00	0.0490

NOTE: Tube thickness = $\frac{\text{external } \varnothing - \text{internal } \varnothing}{2}$



Silicone sheets

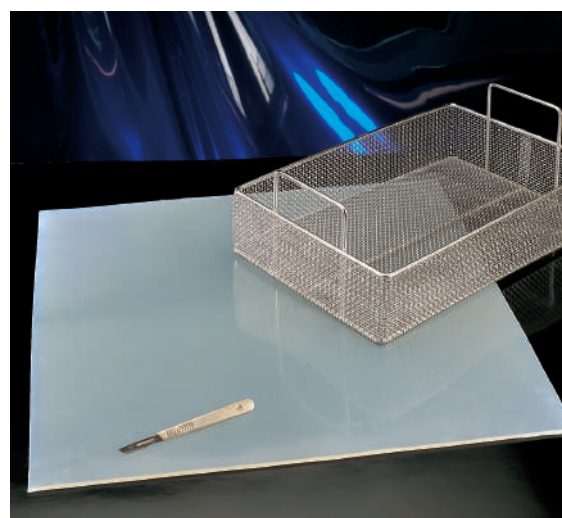
50 x 50 cm silicone sheets ideal as a laboratory benchtop protection or for use in autoclaves to protect any material.

For cleaning simply use a wet cloth.

Resistant up to 230 °C.



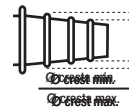
code	thickness mm	bag quantity	bag weight	bag volume
350002	2	1	0.60	0.030
350004	4	1	1.20	0.001





«Straight» and 3 way connectors

Material: polypropylene. **Autoclavable**. Made of one piece.



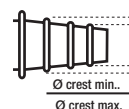
code	fits tubing Ø mm	Ø mm* valley/crest	Ø mm int. mouth	bag quantity	bag weight	bag volume
19510	4-5-6	5.5 / 4.5 / 3	2.0	20	0.16	0.00002
19512	9-8-10	11 / 9 / 6.3	4.5	20	0.06	0.00030
19513	10-11-12	13 / 10.5 / 8.3	6.5	20	0.74	0.00100

* See the scheme



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 int. mouth	bag quantity	bag weight	bag volume
19435	06-07-08	7.6 / 5.3	2.7	20	0.62	0.0010
19535	10-11-12	12.2 / 9.3	5.5	20	1.06	0.0010



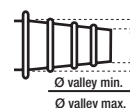
Non-return valve

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	10.1 / 7.8	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	dimensions mm	tubing mm	bag quantity	bag weight	bag volume
19538	102 x 14 x 57	6.5-10	5	0.07	0.0002

Flow indicator (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	90 x 15 x 40	6-11	5	0.08	0.0004

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 lenght in mm): 8x13, 8x15, 10x25, 10x38, 10x51 and 10x64.

Code 19400.1: (diameter x lenght 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	0.0006
19400.1	box with 18 cylindrical stirrings bars	1	0.25	0.0006



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	0.24	0.0003



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	0.08	0.0003
2	900400	digital timer with 1 memory	52 x 67 x 12	1	0.06	0.0003



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.

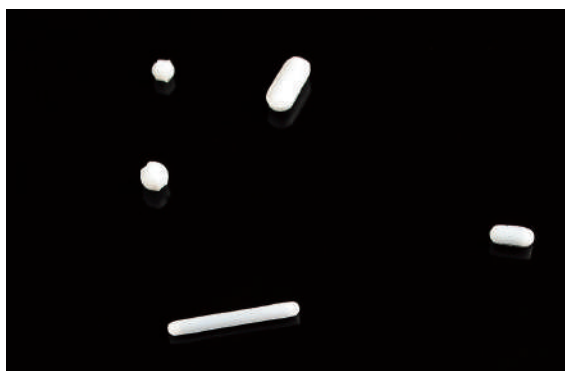


Stirring bar retriever

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	Ø mm	length mm	bag quantity	bag weight	bag volume
19919	10	300	1	0.04	0.00002



Micro stirring bars

For use in the smallest containers.

code	Ø mm	length mm	quantity	weight	volume
19852	2	5	1	0.04	0.0001
19855	3	8	1	0.04	0.0001
19856	3	10	1	0.04	0.0001



Ovoid stirring bars

Used in rounded bottom or Erlenmeyer flasks.

code	dimensions mm	quantity	weight	volume
19806	50 x 20	1	0.004	0.0002

Octahedral stirring bars with pivot ring

Ideal where the base of the container may be slightly curved or irregular.

code	Ø mm	length mm	quantity	weight	volume
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
19797	10	51	1	0.08	0.0001
19811	13	75	1	0.08	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

