

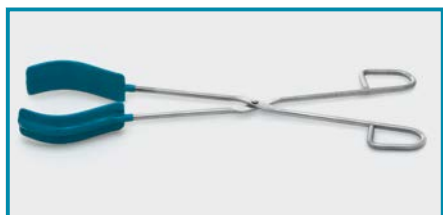
lab consumables & labware

**BEAKERS - "glass"**

➤ Manufactured from heat resistant, borosilicate glass 3.3 according to ISO 3819 and DIN 12331 standards.

➤ Thick wall, heavy base and reinforced rim prevent breakage.

catalogue number	volume	pack quantity
025.01.005	5 ml	10 pieces
025.01.010	10 ml	10 pieces
025.01.025	25 ml	10 pieces
025.01.050	50 ml	10 pieces
025.01.100	100 ml	10 pieces
025.01.150	150 ml	10 pieces
025.01.250	250 ml	10 pieces
025.01.400	400 ml	10 pieces
025.01.600	600 ml	10 pieces
025.01.800	800 ml	10 pieces
025.01.901	1000 ml	10 pieces
025.01.902	2000 ml	6 pieces
025.01.905	5000 ml	1 piece
025.01.910	10000 ml	1 piece



Various beaker tongs can be selected from catalogue page no 52.

**BEAKERS - "polypropylene" - "embossed & printed scale"**

➤ Manufactured from ultra clear polypropylene according to ISO 7056 standard with thick walls. Resistant to most acids, bases and many commonly used solvents. Functional large spout minimize possible spills during liquid transfer

embossed scale	volume	pack quantity
026.01.025	25 ml	1 piece
026.01.050	50 ml	1 piece
026.01.100	100 ml	1 piece
026.01.250	250 ml	1 piece
026.01.500	500 ml	1 piece
026.01.901	1000 ml	1 piece
026.01.902	2000 ml	1 piece

**BEAKERS - "stainless steel"**

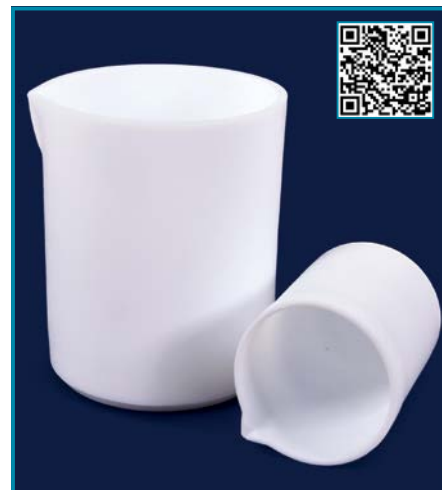
➤ Manufactured from AISI 304 grade stainless steel.

➤ Highly polished smooth interior enables much easier cleaning.

catalogue number	volume	pack quantity
025.04.100	100 ml	1 piece
025.04.250	250 ml	1 piece
025.04.500	500 ml	1 piece
025.04.901	1000 ml	1 piece



blue printed scale	volume	pack quantity
026.03.025	25 ml	1 piece
026.03.050	50 ml	1 piece
026.03.100	100 ml	1 piece
026.03.250	250 ml	1 piece
026.03.500	500 ml	1 piece
026.03.901	1000 ml	1 piece
026.03.902	2000 ml	1 piece

**BEAKERS - "PTFE"**

➤ Manufactured from chemically inert PTFE with excellent chemical resistance, and high temperature resistance between -200°C to +260°C.

catalogue number	volume	pack quantity
025.03.050	50 ml	1 piece
025.03.100	100 ml	1 piece
025.03.250	250 ml	1 piece
025.03.500	500 ml	1 piece
025.03.901	1000 ml	1 piece



BEAKERS WITH HANDLE - "P.P" - "embossed & printed scale"

- Manufactured from ultra clear polypropylene according to ISO 7056 standard with thick walls. Resistant to most acids, bases and many commonly used solvents.
- Functional large spout minimize possible spills during liquid transfer.
- Easily stackable due to the tapered body form for reducing storage space.

embossed scale	volume	pack quantity
026.02.250	250 ml	1 piece
026.02.500	500 ml	1 piece
026.02.901	1000 ml	1 piece
026.02.902	2000 ml	1 piece
026.02.903	3000 ml	1 piece

blue printed	volume	pack quantity
026.04.250	250 ml	1 piece
026.04.500	500 ml	1 piece
026.04.901	1000 ml	1 piece
026.04.902	2000 ml	1 piece
026.04.903	3000 ml	1 piece

FLASKS - "glass" "round & flat bottom"

- Manufactured from heat resistant, borosilicate glass 3.3 according to ISO 1773 standard.
- Thick wall, heavy base and reinforced rim prevent breakage.



Various flask stands can be selected from catalogue page no 99.



round bottom	volume	pack quantity
029.02.050	50 ml	10 pieces
029.02.100	100 ml	10 pieces
029.02.250	250 ml	10 pieces
029.02.500	500 ml	10 pieces
029.02.901	1000 ml	10 pieces
029.02.902	2000 ml	6 pieces
029.02.904	4000 ml	1 piece
029.02.906	6000 ml	1 piece
029.02.910	10000 ml	1 piece



BEAKERS WITH HANDLE "stainless steel"

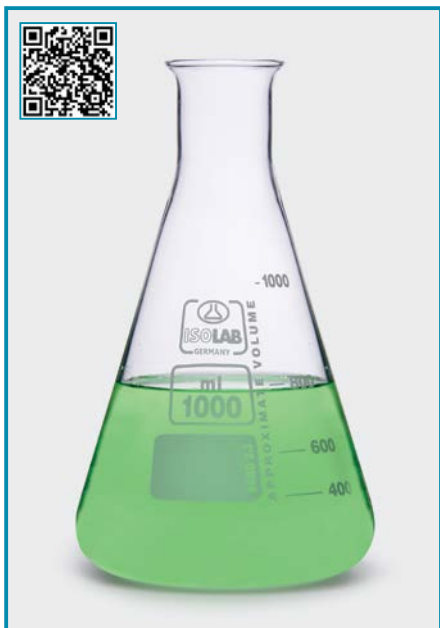
- Manufactured from AISI 304 grade stainless steel.
- Highly polished smooth interior enables much easier cleaning.
- Moulded graduations on the side wall offer easy volume identification.

catalogue number	volume	pack quantity
025.05.500	500 ml	1 piece
025.05.901	1000 ml	1 piece
025.05.902	2000 ml	1 piece



flat bottom	volume	pack quantity
029.01.050	50 ml	10 pieces
029.01.100	100 ml	10 pieces
029.01.250	250 ml	10 pieces
029.01.500	500 ml	10 pieces
029.01.901	1000 ml	10 pieces
029.01.902	2000 ml	6 pieces
029.01.904	4000 ml	1 piece
029.01.906	6000 ml	1 piece
029.01.910	10000 ml	1 piece

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ERLENMEYERS - "clear"
"glass" - "narrow neck"

➤ Manufactured from heat resistant, borosilicate glass 3.3 according to ISO 1773 standard.

➤ Thick wall, heavy base and reinforced rim prevent breakage.

catalogue number	volume	pack quantity
027.01.025	25 ml	10 pieces
027.01.050	50 ml	10 pieces
027.01.100	100 ml	10 pieces
027.01.250	250 ml	10 pieces
027.01.300	300 ml	10 pieces
027.01.500	500 ml	10 pieces
027.01.901	1000 ml	10 pieces
027.01.902	2000 ml	6 pieces
027.01.903	3000 ml	1 piece
027.01.905	5000 ml	1 piece



ERLENMEYERS - "clear"
"glass" - "screw cap"

➤ Manufactured from heat resistant, borosilicate glass 3.3 with a leak-proof screw cap.

➤ Thick wall, heavy base and reinforced rim prevent breakage.

➤ Supplied with a polypropylene screw cap with large ridges for increased grip.

➤ Unique internal flanged design of the caps guarantees leak-proof closure.

catalogue number	neck size	volume	pack quantity
027.03.100	GL 32	100 ml	1 piece
027.03.250	GL 32	250 ml	1 piece
027.03.500	GL 32	500 ml	1 piece
027.03.901	GL 32	1000 ml	1 piece



ERLENMEYERS - "clear"
"polypropylene" - "screw cap"

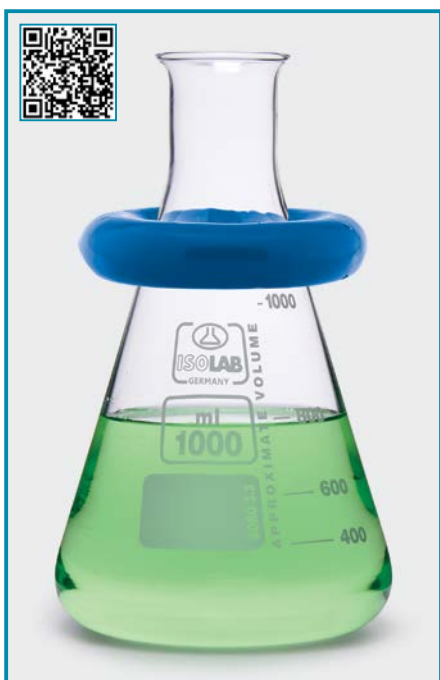
➤ Manufactured from clear polypropylene.

➤ Thick wall, heavy base and reinforced rim prevent breakage.

➤ Supplied with a polypropylene screw cap with large ridges for increased grip.

➤ Unique internal flanged design of the caps guarantees leak-proof closure.

catalogue number	neck size	volume	pack quantity
028.03.050	GL 40	50 ml	1 piece
028.03.100	GL 40	100 ml	1 piece
028.03.250	GL 52	250 ml	1 piece
028.03.500	GL 52	500 ml	1 piece
028.03.901	GL 52	1000 ml	1 piece



STABILISING RINGS - "for erlenmeyers & flasks"

➤ Manufactured from heavy alloy with different internal diameters for perfect fit to the necks of various volume erlenmeyers and flasks.

➤ Can fit neatly around the neck of erlenmeyers and other flasks preventing falling over or floating risks in water baths.

➤ Soft vinyl coated ring surface prevents scratching the glass surface during use.



catalogue number	internal diameter	external diameter	recommended for	pack quantity
027.11.048	48 mm	85 mm	100 ml - 500 ml	1 piece
027.11.056	56 mm	100 mm	250 ml - 1000 ml	1 piece
027.11.061	61 mm	115 mm	500 ml - 2000 ml	1 piece
027.11.074	74 mm	129 mm	1000 ml - 4000 ml	1 piece



Featured with 4 integrated baffles for efficient mixing. Baffles create a turbulent flow, enlarge gas exchange surface and increase oxygen intake.

ERLENMEYERS - “baffled - straight neck - for cell culture”

- Manufactured from borosilicate glass. Featured with 4 integrated baffles for efficient mixing.
- Baffles create a turbulent flow, enlarge gas exchange surface and increase oxygen intake. Baffles also allow stable swirling for effective mixing.
- Widely used in microbiology for the preparation of microbial suspension culture. Ideal for cultivating *S. Cerevisiae* and aerobic bacteria cultures.

- Thick wall, heavy base and reinforced rim prevent breakage. Supplied without caps.

catalogue number	volume	neck diameter	largest outer dia.	height	pack quantity
027.06.100	100 ml	38 mm	64 mm	112 mm	1 piece
027.06.250	250 ml	38 mm	85 mm	145 mm	1 piece
027.06.500	500 ml	38 mm	105 mm	182 mm	1 piece
027.06.901	1000 ml	38 mm	129 mm	230 mm	1 piece
027.06.902	2000 ml	38 mm	165 mm	275 mm	1 piece



CAP - “aluminium”

- Manufactured from aluminium for perfect fit to the necks of glass baffled erlenmeyers with straight neck.
- Chrome nickel springs grip to the neck of the outer wall of the vessel.

catalogue number	pack quantity
027.06.101	1 piece



STOPPER - “cellulose”

- Manufactured from additive free autoclavable. Air permeable, actively breathing best quality cellulose.
- Provide excellent sealing for microbiological samples in tissue culture tubes, flasks etc.

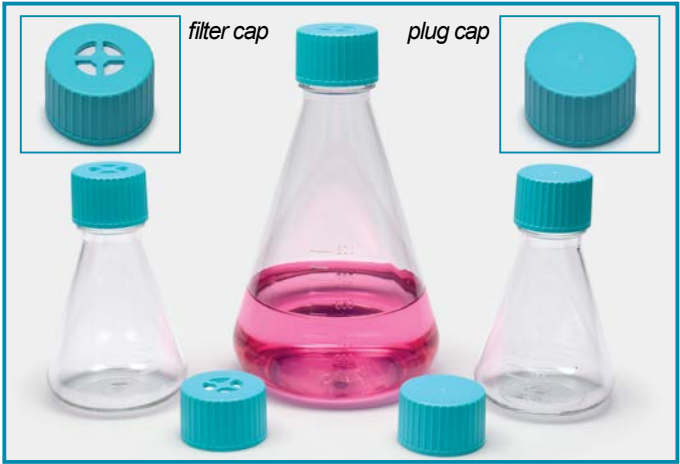
catalogue number	pack quantity
051.24.009	10 pieces

ERLENMEYERS - “for cell culture” - “sterile”

- Manufactured from autoclavable PETG. Caps are manufactured from polypropylene.
- Widely used for the preparation of suspension cultures both in cell culture and microbiological applications such as *E.coli*, plant callus, etc.



volume	catalogue number	cap type	catalogue number	cap type	pack quantity
250 ml	027.17.250	plug	027.18.250	filter	12 pieces
500 ml	027.17.500	plug	027.18.500	filter	12 pieces
1000 ml	027.17.901	plug	027.18.901	filter	6 pieces



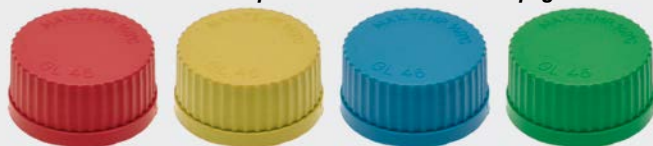
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Ustensile si Consumabile de laborator

BOTTLES - "ISO" - "borosilicate glass"

- Manufactured from heat resistant, durable borosilicate glass with thick walls and crush-resistant corners.
- These impact resistant, excellently thermal stable bottles are autoclavable at 121°C. Caps should not be closed during autoclaving.
- Angled neck form allows unrestricted liquid flow out without leaving any residue at the bottle neck.
- A large GL 45 bottle neck provides easy filling and pouring. Unique design pouring ring prevents drops and spillage.
- Caps are made from polypropylene with large ridges with increased grip. Cap inner design ensures hermetical and leak-proof closure.
- Volume graduations on wall side offers better liquid level viewing. Graduations and inscriptions are printed with white enamel.

Color coded caps enable easy and practical identification of bottle content. Color coded caps can be selected from page no 69.



volume	neck NS size	clear bottles	pack quantity	amber bottles	pack quantity
100 ml	GL 45	061.01.100	10 pieces	061.02.100	1 piece
250 ml	GL 45	061.01.250	10 pieces	061.02.250	1 piece
500 ml	GL 45	061.01.500	10 pieces	061.02.500	1 piece
1000 ml	GL 45	061.01.901	10 pieces	061.02.901	1 piece
2000 ml	GL 45	061.01.902	4 pieces	061.02.902	1 piece
3000 ml	GL 45	061.01.903	1 piece	061.02.903	1 piece
5000 ml	GL 45	061.01.905	1 piece	061.02.905	1 piece
10000 ml	GL 45	061.01.910	1 piece	061.02.910	1 piece
20000 ml	GL 45	061.01.920	1 piece	061.02.920	1 piece



COATED BOTTLES - "glass" - "clear & amber"

- When handling dangerous and/or valuable solutions coated bottles are highly recommended.
- They are featured with identical technical specifications of clear and amber bottles with codes 061.01.xxx and 061.02.xxx.
- Bodies of these bottles are coated with a special formulated coating which reduces the impacts. Coating covers the body like a protective glove and holds the broken parts unscattered.
- The coating also holds the broken glass together so that the leakage will be minimum. In most of the cases this coating keeps the solutions still inside the flask body without leakage.
- The coating is highly transparent and can resist up to 135°C with maximum period of 30 minutes. These bottles can be cleaned at maximum 95°C and can be repeatedly autoclaved at 121°C.
- Coated bottles should not be exposed directly to open flame.

volume	neck NS size	coated clear bottles	coated amber bottles	pack quantity
100 ml	GL 45	061.01.100C	061.02.100C	1 piece
250 ml	GL 45	061.01.250C	061.02.250C	1 piece
500 ml	GL 45	061.01.500C	061.02.500C	1 piece
1000 ml	GL 45	061.01.901C	061.02.901C	1 piece
2000 ml	GL 45	061.01.902C	061.02.902C	1 piece



Sterile bottles are manufactured at aseptically sterile production halls and then sent to gamma sterilisation.

Such informations as lot number, production and expiry dates etc. are indicated on the packing.

BOTTLES - “ISO” - “polypropylene”

- Manufactured from special formulated polypropylene with thick walls and crush-resistant corners.
- Featured with high transparency and best chemical heat tolerance.
- These impact resistant, excellently thermal stable bottles are autoclavable at 121°C. Caps should not be closed during autoclaving.
- Angled neck form allows unrestricted liquid flow out without leaving any residue at the bottle neck.
- A large GL 45 bottle neck provides easy filling and pouring. Unique design of the neck with moulded pouring ring prevents drops and spillage.
- Cap with large ridges with increased grip featured with self lock and internal security ring. Cap inner design ensures hermetical and leak-proof closure.
- Embossed volume graduations on wall side offers better liquid level viewing and reproducible filling of the bottle without the need of a measuring cylinder.
- **Alternative 2 bottles:** ➤ Clear bottles
➤ Amber bottles
- Clear bottles are manufactured from very clear polypropylene resulting with high transparency and for better view of the bottle content.
- Amber bottles are manufactured from special formulated polypropylene preventing UV light penetration into the flask yet still offering high transparency.
- **Alternative 2 products:** ➤ Non-sterile bottles
➤ Gamma sterile bottles
- Sterile bottles are manufactured at aseptically sterile production halls and then send to gamma sterilisation. Such informations as lot number, production and expiry dates etc are indicated on the packing.

clear bottles non-sterile	clear bottles gamma sterile	amber bottles non-sterile	amber bottles gamma sterile	neck size	volume	pack quantity
061.15.100	061.16.100	061.17.100	061.18.100	GL 45	100 ml	100 pieces
061.15.250	061.16.250	061.17.250	061.18.250	GL 45	250 ml	100 pieces
061.15.500	061.16.500	061.17.500	061.18.500	GL 45	500 ml	100 pieces
061.15.901	061.16.901	061.17.901	061.18.901	GL 45	1000 ml	50 pieces
061.15.902	061.16.902	061.17.902	061.18.902	GL 45	2000 ml	50 pieces



Unique design of the cap with intended top plate guarantees tight and leakproof closure.



Integral security ring of the cap ensures safe and untouched protection of the bottle content.



Caps are made from robust and thick polyethylene with large ridges for increased grip.



Unique neck design with moulded pouring ring prevents drops and liquid splash.

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BOTTLES - "square" - "wide neck" - "polyethylene"

- Manufactured from polyethylene with thick walls and crush-resistant corners.
- A large bottle neck provides easy filling and pouring.
- Cap offers increased grip. Featured with an insert plug for hermetical and leak-proof closure.
- Bottle neck and the cap carry holes for enabling the insertion of the security seal wire.
- The space between the cap and the insert plug can be used for securing confidential notes.
- Embossed volume graduations on wall side offers better liquid level viewing and reproducible filling of the bottle without the need of a measuring cylinder.
- **Alternative 2 bottles:**
 - **Clear bottles**
 - **Amber bottles**
- Clear bottles are manufactured from very clear P.E resulting with high transparency and for better view of the bottle content.
- Amber bottles are manufactured from special formulated P.E preventing UV light penetration into the flask yet still offering high transparency.

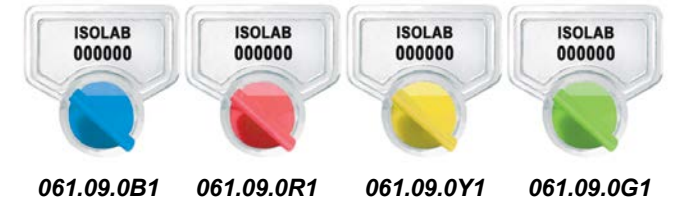
clear bottles	amber bottles	bottle volume	dimensions	pack quantity
061.07.050	061.08.050	50 ml	37x39x73 mm	50 pieces
061.07.100	061.08.100	100 ml	50x45x90 mm	50 pieces
061.07.250	061.08.250	250 ml	64x57x112 mm	50 pieces
061.07.500	061.08.500	500 ml	85x72x140 mm	50 pieces
061.07.901	061.08.901	1000 ml	104x82x173 mm	50 pieces
061.07.902	061.08.902	2000 ml	134x100x210 mm	50 pieces



The space between cap and insert plug can be used for private and confidential notes.

SECURITY SEALS

- Security seal is used to ensure the safety locking and durability of the product inside the bottles.
- 4 different colors are used to identify among the seals with identification numbers printed on the seal plate.



catalogue number	color	pack quantity
061.09.0B1	blue	10 pieces
061.09.0R1	red	10 pieces
061.09.0Y1	yellow	10 pieces
061.09.0G1	green	10 pieces



Insert the seal wire through the holes of both the cap and bottle itself. Then insert the wire into the hole of the seal as shown.



Last step is to wind the seal key clockwise until the seal wire gets tight enough to provide optimum security lock.

SECURITY SEAL CUTTER

- Security seal cutter is a perfect tool to cut security seal wires easily.

catalogue number	pack quantity
061.20.001	1 piece



BOTTLES - "glass" - "wide neck"

- Manufactured from neutral glass with thick walls and crush-resistant corners.
- Ideal for safe storage and transportation of liquids and powders.
- Thick wall, heavy base and reinforced rim prevent breakage during washing and transportation.
- A large bottle neck provides easy filling and pouring. Unique design of the neck prevents drops and spillage.
- Caps are made from polypropylene with large ridges for fast closure.
- Cap inner design with polypropylene washer ensures hermetical and leak-proof closure.
- **Alternative 2 bottles:**
 - Clear bottles
 - Amber bottles
- Amber bottles prevents UV light penetration into the bottle and protects sensitive samples.



Supplied with a leak-proof polypropylene cap with an PTFE protective insert.

clear bottles	amber bottles	volume	neck size	bottle diameter	bottle height	pack quantity
061.10.050	061.11.050	50 ml	32 mm	44 mm	75 mm	10 pieces
061.10.100	061.11.100	100 ml	40 mm	50 mm	93 mm	10 pieces
061.10.250	061.11.250	250 ml	55 mm	70 mm	113 mm	10 pieces
061.10.500	061.11.500	500 ml	55 mm	85 mm	154 mm	10 pieces
061.10.901	061.11.901	1000 ml	68 mm	104 mm	181 mm	10 pieces

BOTTLES - "aluminium"

- These odour-natural, impervious to light and rust proof bottles are manufactured from aluminium.
- Ideal for storing and transporting of samples and products which have to be stored totally unaltered.
- Bottle neck provides easy filling and pouring. Unique design of the neck prevents drops and spillage.
- Caps with large ridges with increased grip featured with self lock and internal security ring. Cap inner design ensures hermetical and leak-proof closure.
- These bottles are supplied with an insert plug for hermetical and leak-proof closure.
- Round neck form allows unrestricted liquid flow out without leaving any residue at the bottle neck.
- 6 lt, 12 lt and 31 lt aluminium bottles are featured with a sturdy handle for easy carrying.



Bottles are supplied with an insert plug for hermetical leak-proof closure.



catalogue number	volume	neck size	bottle diameter	bottle height	pack quantity
061.14.025	25 ml	GL 18	40 mm	80 mm	10 pieces
061.14.060	60 ml	GL 32	45 mm	90 mm	10 pieces
061.14.120	120 ml	GL 32	50 mm	120 mm	10 pieces
061.14.300	300 ml	GL 32	55 mm	165 mm	10 pieces
061.14.600	600 ml	GL 45	75 mm	195 mm	10 pieces
061.14.901	1200 ml	GL 45	90 mm	225 mm	10 pieces
061.14.906	6 L	GL 60	173 mm	335 mm	1 piece
061.14.912	12 L	GL 50	215 mm	430 mm	1 piece
061.14.931	31 L	GL 50	310 mm	500 mm	1 piece

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BOTTLES - "glass"

- Manufactured from neutral glass with thick walls and amber color.
- Amber bottles prevents UV light penetration into the bottle and protects sensitive samples.
- Specially recommended for safe storage and transportation of liquids, powders and pastes.
- Thick wall, heavy base and reinforced rim prevent breakage during washing and transportation.
- Bottle necks provide easy filling and pouring of samples.
- Caps are made from P.E with large ridges for fast closure.
- Cap inner design with inverted top plate ensures hermetical and leak-proof closure. GL 45 caps for liquid bottles are featured with a PTFE protective insert.
- Featured with self lock and internal security ring for safe protection of the bottle content.

catalogue number	volume	recommended for	neck size	bottle Ø x H	pack quantity
061.47.050	50 ml	for powders	GL 40	50x78 mm	10 pieces
061.47.125	125 ml	for powders	GL 40	55x109 mm	10 pieces
061.47.250	250 ml	for powders	GL 60	69x130 mm	10 pieces
061.47.500	500 ml	for powders	GL 60	82x172 mm	10 pieces
061.47.901	1000 ml	for powders	GL 60	100x210 mm	10 pieces
061.46.901	1000 ml	for liquids	GL 45	100x222 mm	10 pieces
061.46.902	2500 ml	for liquids	GL 45	140x300 mm	10 pieces



BOTTLES - "HDPE" - "for liquids"

- Manufactured from best quality high density polyethylene with thick walls and crush-resistant corners to minimise deformation by vacuum.
- They offer remarkable resistance and durability with highest safety. Wide base avoids the risk of tip over.
- Bottles 2,5 lt and higher volume are featured with a full hand handle for easier and safe product pouring.
- The large bottle neck provides easy filling and pouring. Unique design of the neck with moulded pouring ring prevents drops and spillage.
- Cap inner design with inverted top plate ensures hermetical and leak-proof closure. **GL 45 caps for liquid bottles are featured with a PTFE protective insert.**
- Featured with self lock and internal security ring for safe protection of the bottle content.

item no	catalogue number	volume	neck size	neck O.D	W x L x H (mm)	pack quantity
1	061.41.500	500 ml	GL 45	45 mm	90 x 90 x 163	50 pieces
2	061.41.901	1000 ml	GL 45	45 mm	95 x 95 x 207	50 pieces
3	061.41.902	2500 ml	GL 45	45 mm	127 x 127 x 310	25 pieces
4	061.41.905	5000 ml	GL 45	45 mm	145 x 145 x 386	25 pieces



Unique design of the cap with inverted top plate guarantees tight and leakproof closure.



Integral security ring of the cap ensures safe and untouched protection of the bottle content.



Caps are made from robust and thick polyethylene with large ridges for increased grip.



GL 45 caps for liquid bottles are featured with a PTFE protective insert for additional safety.

BOTTLES - "HDPE"

- Manufactured from best quality high density polyethylene with thick walls and crush-resistant corners to minimise deformation by vacuum.
- They offer remarkable resistance and durability with highest safety. Wide base avoids the risk of tip over of the bottle and maximises safety.
- These bottles guarantee optimum solutions for safe handling, storage and transport of solid chemicals.
- The large bottle neck provides easy filling and pouring. Unique design of the neck with moulded pouring ring prevents spillage.
- Cap inner design with inverted top plate ensures hermetical and leak-proof closure.
- Featured with self lock and internal security ring for safe protection of the bottle content.



item no	catalogue number	volume	neck size	neck O.D	W x L x H (mm)	pack quantity
1	061.42.125	125 ml	GL 45	45 mm	60 x 60 x 96	6 pieces
2	061.42.250	250 ml	GL 63	63 mm	86 x 86 x 145	6 pieces
3	061.42.500	500 ml	GL 63	63 mm	90 x 90 x 175	6 pieces
4	061.42.901	1000 ml	GL 63	63 mm	96 x 96 x 207	6 pieces
5	061.42.911	1500 ml	GL 63	63 mm	116 x 116 x 246	6 pieces
6	061.42.902	2500 ml	GL 80	80 mm	127 x 127 x 272	4 pieces



Unique design of the cap with inverted top plate guarantees tight and leakproof closure.



Integral security ring of the cap ensures safe and untouched protection of the bottle content.



BOTTLES - "PET" - "sterile"

- Manufactured from special formulated PET with thick walls and crush-resistant corners. Specially recommended for safe storage and transportation of cell culture media.
- These bottles are manufactured at aseptically sterile production halls and then send to gamma sterilisation. They can be used for all analysis where a sterile sample is required.
- The bottle neck provides easy filling and pouring. Their square shape offers maximum space saving. Caps are made from polyethylene with large ridges for fast closure.
- Embossed volume graduations on wall side offer better liquid level viewing.

catalogue number	volume	neck size	bottle W x L x H	pack quantity
061.09.125	125 ml	32 mm	53x53x105 mm	36 pieces
061.09.250	250 ml	32 mm	59x59x147 mm	32 pieces
061.09.500	500 ml	32 mm	77x77x174 mm	32 pieces
061.09.901	1000 ml	32 mm	93x93x214 mm	24 pieces

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BOTTLES - "for water sampling" - "polypropylene"



➤ Manufactured from polypropylene for taking, transporting and storing of water samples for microbiological analysis. They can be used for all analysis where a sterile sample is required.

➤ Bottles are manufactured at aseptically sterile production halls and then sent to gamma sterilisation. Such informations as lot number, production and expiry dates etc are indicated on the packing.

➤ Square bottle form offers easy handling and optimum space saving solutions. GL 50 wide bottle neck provides easy filling and pouring.

➤ Cap with large ridges with increased grip featured with self lock and internal security ring. Cap inner design ensures hermetical and leak-proof closure. Caps are made of polyethylene.

➤ Embossed volume graduations on wall side offer better liquid level viewing.

➤ **Alternative 2 bottles:** ➤ Without sodium thiosulfate
➤ With sodium thiosulfate

➤ Bottles with sodium thiosulfate (20 mg/lit - according to ISO/FIS 19458/2006 standard) are ideal for water analysis where chlorine may modify the composition of the sample.

➤ "Bulk packed", where bottles are packed as a group in a box.

➤ **Alternative 2 packing:** ➤ "Single packed", where bottles are first individually packed in P.E bags and then repacked in a box.

➤ **Alternative 2 colors:** ➤ Clear bottles
➤ Amber bottles



Self sealing lock caps with integral security ring. Cap inner design ensures hermetical closure and guarantees an excellent leak proof closure.



Each bottle is labelled specifying sample and source descriptions, code and lot numbers, expiry date and other informations.



Cap with large ridges with increased grip featured with self lock and internal security ring. Cap inner design ensures hermetical and leak-proof closure.



➤ Clear bottles are manufactured from very clear P.P resulting with high transparency and for better view of the bottle content.

➤ Amber bottles are manufactured from special formulated P.P preventing UV light penetration into the flask yet still offering high transparency.

"Single packed", where bottles are first individually packed in P.E bags and then repacked in a box.

bulk packed bottles	bottle volume	bottle dimensions	clear bottles W/O sodium thiosulfate	clear bottles with sodium thiosulfate	amber bottles W/O sodium thiosulfate	amber bottles with sodium thiosulfate	packing specifications
	125 ml	57 x 57 x 90	061.21.125	061.23.125	061.22.125	061.24.125	180 pcs in box
	250 ml	60 x 60 x 115	061.21.250	061.23.250	061.22.250	061.24.250	108 pcs in box
	500 ml	70 x 70 x 145	061.21.500	061.23.500	061.22.500	061.24.500	84 pcs in box
	1000 ml	90 x 90 x 175	061.21.901	061.23.901	061.22.901	061.24.901	30 pcs in box
single packed bottles	bottle volume	bottle dimensions	clear bottles W/O sodium thiosulfate	clear bottles with sodium thiosulfate	amber bottles W/O sodium thiosulfate	amber bottles with sodium thiosulfate	packing specifications
	125 ml	57 x 57 x 90	061.25.125	061.27.125	061.26.125	061.28.125	130 pcs in box
	250 ml	60x 60 x 115	061.25.250	061.27.250	061.26.250	061.28.250	72 pcs in box
	500 ml	70 x 70 x 145	061.25.500	061.27.500	061.26.500	061.28.500	42 pcs in box
	1000 ml	90 x 90 x 175	061.25.901	061.27.901	061.26.901	061.28.901	22 pcs in box



CONTAINER CUP

- Manufactured from clear polypropylene with 40 ml effective volume.
- The press-on cap ensures hermetical and leak-proof closure. Scale on side wall for easy volume identification.
- Frosted marking area on side wall enables easy marking and labelling.

catalogue number	product description	pack quantity
087.02.001	non-sterile cups	1000 pieces
087.02.002	aseptic sterile cups	500 pieces



JARS - "glass" - "wide neck"

- Manufactured from neutral glass with thick walls and crush-resistant corners.
- Ideal for safe storage and transportation of liquids and powders.
- Enamaled steel cap inner design ensures hermetical and leak-proof closure.

catalogue number	volume	jar diameter	pack quantity
061.29.040	40 ml	43 mm	10 pieces
061.29.105	105 ml	49 mm	10 pieces
061.29.370	370 ml	72 mm	10 pieces
061.29.720	720 ml	90 mm	10 pieces
061.29.901	1000 ml	95 mm	10 pieces



JARS - "PP" - "wide neck"

- Manufactured from special formulated polypropylene with thick walls and crush-resistant corners.
- Resistant to most acids, bases and many commonly used solvents.
- Ideal for safe storage and transportation of liquids and powders.
- Caps are made from polypropylene with large ridges with increased grip. Cap ensures leak-proof closure.

catalogue number	volume	jar diameter	pack quantity
061.13.001	250 ml	90 mm	1 piece
061.13.002	410 ml	90 mm	1 piece
061.13.004	1270 ml	140 mm	1 piece
061.13.006	1420 ml	140 mm	1 piece
061.13.008	1800 ml	140 mm	1 piece

ICE BUCKETS

- Manufactured from rigid, single-moulded polyurethane with excellent insulation properties.
- Recommended for ice, dry ice and liquid nitrogen involved techniques.
- Guarantees perfect durability needed for chilling temperature sensitive samples.
- Guarantees excellent temperature resistance between -196°C to +90°C.
- Lid with a recessed knob keeps the evaporation at the minimum level.
- Easily stackable due to the tapered body form for reducing storage space.

catalogue number	volume	dimensions (mm)	pack quantity
092.19.001	1 L	210 x 190 x 115	1 piece
092.19.004	4 L	380 x 260 x 150	1 piece



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BOTTLES - "spray"

- Manufactured from transparent PET with a spray head.
- All media contacting parts perfectly resist to most solvents and chemicals.
- Liquids can be finely vaporised with the pull of the hand pump trigger.
- Feature with a safety lock at the trigger which prevents accidental use.

catalogue number	volume	pack quantity
062.11.250	250 ml	1 piece
062.11.500	500 ml	1 piece

Extremely fine and homogenous vaporisation is guaranteed with the pull of the trigger.



WASH BOTTLES - "integral"

- Manufactured from highly translucent polyethylene. Ergonomic shape offers easy grip and easy squeeze during use.
- Integral moulded delivery tube delivers the liquid in the bottle until the last drop.
- Delivery tube guarantees a fine and straight flow with an application of a slight pressure on the body.

catalogue number	volume	pack quantity
062.08.250	250 ml	1 piece
062.08.500	500 ml	1 piece



Dispensing tip provides extra fine stream. The tip of the delivery tube can be cut in order to increase the liquid flow rate.



WASH BOTTLES - "narrow neck"

- Manufactured from highly translucent and semi-rigid polyethylene with thick walls and crush-resistant corners.
- Round bottle form allows un-restricted liquid flow-out without leaving any residue at the bottle neck.
- Flexible delivery tube guarantees a fine and straight flow with an application of a slight pressure on the body.
- "Goose neck" design of the delivery tube guarantees easy and precise reaching to the flask corners.
- Dispensing tip provides extra fine stream.
- Delivery tube tip can be cut to increase the flow rate.

Colored body and caps enables fast, and easy identification of bottle content.



clear bottles	volume	coloured bottles	volume	bottle color	pack quantity
062.05.100	100 ml	062.05.05R	500 ml	red	1 piece
062.05.250	250 ml	062.05.05Y	500 ml	yellow	1 piece
062.05.500	500 ml	062.05.05G	500 ml	green	1 piece
062.05.901	1000 ml	062.05.05B	500 ml	blue	1 piece





WASH BOTTLES - "wide neck" - "multi-color cap"

- Manufactured from highly translucent and semi-rigid polyethylene with thick walls and crush-resistant corners.
- Round bottle form allows unrestricted liquid flow out without leaving any residue at the bottle neck.
- Angled delivery tube guarantees a fine and straight flow with an application of a slight pressure on the body.
- Dispensing tube design offers optimum backflow and turbulence free liquid transfer.
- Caps acupled with delivery tube are made from polyethylene with large ridges with increased grip. Cap inner design ensures hermetical and leak-proof closure.



Colored caps enables easy identification of the bottle content. Ribbed cap provides perfect grip.

catalogue number	volume	cap color	pack quantity
062.09.05R	500 ml	red	1 piece
062.09.05Y	500 ml	yellow	1 piece
062.09.05G	500 ml	green	1 piece
062.09.05B	500 ml	blue	1 piece

WASH BOTTLES - "wide neck" - "multilingual"

- Manufactured from highly translucent and semi-rigid polyethylene and polypropylene according to European safety regulations (EC)1272/2008(GHS).
- Angled delivery tube guarantees a fine and straight flow with an application of a slight pressure on the body.
- Dispensing tube design offers turbulence free liquid transfer.
- Caps acupled with delivery tube are made from polyethylene with large ridges with increased grip.
- Cap inner design ensures leak-proof closure.
- Chemical names, formulas, CAS numbers and other key safety informations are printed on the body surface in 4 (English / French / German and Spanish) languages.



Warning words as "flammable", to identify the hazardous liquids, "how-to-use" instructions in four languages are printed on the body.

Chemical names, formulas, CAS numbers and pictograms showing the latest changes in regulations are printed on the body.

catalogue number	wash bottle label name	bottle material	bottle volume	cap color	pack quantity
062.50.500	acetone	P.P	500 ml	red	1 piece
062.51.500	water	P.E	500 ml	blue	1 piece
062.51.501	distilled water	P.E	500 ml	blue	1 piece
062.51.502	deionised water	P.E	500 ml	blue	1 piece
062.52.500	ethanol	P.E	500 ml	green	1 piece
062.53.500	ethyl acetate	P.E	500 ml	white	1 piece
062.54.500	iso-propanol	P.E	500 ml	yellow	1 piece
062.55.500	methanol	P.E	500 ml	orange	1 piece
062.56.500	methylethylketone	P.P	500 ml	brown	1 piece
062.57.500	tetrahydrofuran	P.P	500 ml	black	1 piece
062.58.500	toluene	P.E	500 ml	torquise	1 piece

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JERRYCANS - "polyethylene"



- Manufactured from UV stabilised, thick polyethylene with sturdy carrying handles.
- Featured with a wide neck for easy filling and draining.
- Caps are made from polypropylene with large ridges with increased grip.
- Cap with self-locking internal security ring ensures leak-proof closure.
- 20 and 30 lt jerrycans are featured with a leak-proof stopcock which prevents vacuum formation during draining.



Caps are made from polypropylene with large ridges for increased grip.

catalogue number	volume	pack quantity
062.21.902	2 L	1 piece
062.21.903	3 L	1 piece
062.21.905	5 L	1 piece
062.21.910	10 L	1 piece
062.21.920	20 L	1 piece
062.21.930	30 L	1 piece

CARBOYS - "aspirator bottles" - "with stopcock" - "polypropylene"



- Manufactured from UV stabilised, thick polypropylene with sturdy carrying handles.
- Featured with a wide neck for easy filling and draining.
- Caps are made from polypropylene with large ridges with increased grip. Cap ensures leak-proof closure.
- Featured with a leak-proof stopcock.



Caps are made from polypropylene with large ridges with increased grip.



Featured with a leak-proof stopcock which prevents vacuum formation during draining.

catalogue number	volume	carboy Ø	carboy H	cap Ø	pack quantity
062.28.905	5 L	170 mm	345 mm	55 mm	1 piece
062.28.910	10 L	200 mm	455 mm	55 mm	1 piece
062.28.920	20 L	265 mm	550 mm	55 mm	1 piece

BOTTLES - "aspirator" - "with stopcock" - "glass"



- Manufactured from heat resistant, durable borosilicate glass with thick wall, heavy base and reinforced rim.
- Featured with a wide neck for easy filling and draining.
- Caps are made from polypropylene with large ridges with increased grip.
- Cap inner design ensures leak-proof closure.
- Featured with a leak-proof stopcock.



Caps are made from polypropylene with large ridges with increased grip.



Featured with a leak-proof stopcock which prevents vacuum formation during draining.

catalogue number	volume	pack quantity
062.27.905	5 L	1 piece
062.27.910	10 L	1 piece
062.27.920	20 L	1 piece

BOTTLES - "dropping"



- Manufactured from transparent polyethylene with a dropping cap. Cap can be easily dismantled for cleaning.
- Dispensing tip provides similar size drops at all times. Supplied with a push-to-open cap for safety reasons.

catalogue number	volume	pack quantity
062.10.010	10 ml	10 pieces
062.10.015	15 ml	10 pieces
062.10.020	20 ml	10 pieces
062.10.030	30 ml	10 pieces



BOTTLES - "dropping"



- Manufactured from heat resistant, durable borosilicate glass with a glass dropping cap.
- Dispensing tip provides similar size drops at all times.
- Amber bottles prevent UV lights to penetrate into the bottle.

clear bottles	amber bottles	volume	pack quantity
062.02.100	062.03.100	100 ml	1 piece



BOTTLES - "dropping"



- Manufactured from heat resistant, durable borosilicate glass with a rubber dropping cap. Cap can be easily dismantled for cleaning.
- Dispensing tip provides similar size drops at all times.
- Amber bottles prevent UV lights to penetrate into the bottle.

clear bottles	amber bottles	volume	pack quantity
062.12.050	062.13.050	50 ml	1 piece
062.12.100	062.13.100	100 ml	1 piece



BOTTLES - "dropping"



- Manufactured from transparent polyethylene with a dropping cap. Cap can be easily dismantled for cleaning.
- Dispensing tip provides similar size drops at all times. The dispensing tip can be cut to increase the drop volume
- Amber bottles prevent UV lights to penetrate into the bottle.

clear bottles	amber bottles	volume	pack quantity
062.04.100	062.04.101	100 ml	1 piece



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CARRIERS - "for bottles"

- Manufactured from epoxy coated steel wire for safe transportation of 500 ml, 1 lt and 2,5 lt standard chemical bottles.
- Easy to grab sturdy handle offers perfect balance and comfort during use.

catalogue number	for bottle max. dia.	bottle array	pack quantity
062.66.500	100 mm	6 x 500 ml	1 piece
062.66.901	105 mm	4 x 1000 ml	1 piece
062.66.902	140 mm	2 x 2500 ml	1 piece



BASKET - "for bottles"

- Manufactured from ABS for safe and convenient transportation up to 6 wash bottles.
- Although highly recommended for 500 ml bottles can also carry 250 ml bottles.
- Strong, light weight body construction and ergonomic handle offer both comfort and control.
- Easily stackable due to the tapered body form for reducing storage space.

catalogue number	for bottle max. diameter	pack quantity
062.66.001	90 mm	1 piece

TRANSPORT BOX

- Manufactured from polypropylene for storing and transporting small size products.
- Clasp lid ensures safe closure and guarantees the interior being not effected by dust, humidity and other enviromental conditions.
- The clarity of the box enables the user to visibly check the sample integrity and use the box safely.
- Carry handle folds neatly allowing the boxes can be stacked on each other.
- The lid can open fully 180° offering easy access to the contents and easy cleaning of interior.

catalogue number	pack quantity
062.66.004	1 piece

BOX - "with compartments" - "acrylic"



- Manufactured from acrylic featured with different size compartments.
- Offers practical positioning of different size small objects such as magnetic stirrers.
- The long compartment is ideal to store longer objects including magnetic bar retrievers.
- Featured with a lid protecting the box interior.

catalogue number	box width	box length	box height	compartment quantity	pack quantity
057.02.101	330 mm	110 mm	35 mm	12	1 piece



DISPENSER BOXES

- Manufactured from crystal clear acrylic with excellent field of vision.
- Ideal assistants for storing and dispensing small sized products such as pipette tips, tubes, vials and many others.
- Generous openings provide easy and safe access to partiations.
- Covers are featured with easy opening hinged lids. Once opened, the lid stands open and enables easy handling.
- Their flip-top covers guarantee safe and clean storage without been effected from enviromental effects.
- Featured with non-skid silicone feet for safe and stable stand on the desks.

catalogue number	specifications	external dimensions	pack quantity
006.15.001	1 compartment	175 x 250 x 330 mm	1 piece
006.15.002	2 compartments	175 x 250 x 330 mm	1 piece
006.15.003	3 compartments	265 x 250 x 330 mm	1 piece



BOXES - "double opening"

- Manufactured from polypropylene for storing and transporting all products including food stuff.
- Clasping lid ensures safe closure and guarantees the interior being not effected by dust, humidity and other enviromental conditions.
- The clarity of the box enables the user to visibly check the sample integrity and safe use of the box safely.
- Easily stackable due to the tapered body form for reducing storage space.
- The lid can open fully 180° with two steps offering easy access to the contents and easy cleaning of interior.



catalogue number	dimensions (mm)	box volume	pack quantity
062.39.900	95 x 150 x 75	0,75 L	1 piece
062.39.901	125 x 185 x 65	1,00 L	1 piece
062.39.902	125 x 185 x 90	1,50 L	1 piece
062.39.903	155 x 230 x 110	3,00 L	1 piece
062.39.905	200 x 280 x 125	5,00 L	1 piece
062.39.907	255 x 355 x 122	7,50 L	1 piece
062.39.910	250 x 345 x 150	10,00 L	1 piece
062.39.913	255 x 355 x 200	13,00 L	1 piece

BOXES - "click lock lid"

- Manufactured from polypropylene for easy and safe storage of most products.
- "Click-lock" system enables safe closure and easy opening of the box lid.
- The clarity of the box enables the user to visibly check the sample integrity and safe use of the box.
- Easily stackable due to the tapered body form for reducing storage space.

catalogue number	dimensions (mm)	box volume	pack quantity
062.36.910	385 x 260 x 155	10 L	1 piece
062.36.920	460 x 320 x 180	20 L	1 piece
062.36.930	510 x 355 x 230	30 L	1 piece



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TEST TUBES - "glass"

- Manufactured by automated machines with consistent length and thickness.
- Due to the properties of borosilicate glass highly recommended for over heated applications.

tube dimensions	neutral glass test tubes	borosilicate glass tubes	pack quantity
6 x 40 mm	077.01.000		100 pieces
10 x 75 mm	077.01.001	077.02.001	100 pieces
12 x 75 mm	077.01.021		100 pieces
12 x 100 mm	077.01.002	077.02.002	100 pieces
13 x 100 mm	077.01.003	077.02.003	100 pieces
13 x 130 mm	077.01.031		100 pieces
16 x 100 mm	077.01.004	077.02.004	100 pieces
16 x 160 mm	077.01.005	077.02.005	100 pieces
18 x 180 mm	077.01.006	077.02.006	100 pieces
20 x 200 mm	077.01.007		100 pieces
20 x 220 mm	077.01.008		100 pieces

TEST TUBES - "P.P or P.S"

- Manufactured from clear polypropylene or from polystyrene for disposable use.

P.S tubes	P.P tubes	tube dimensions	bottom form	pack quantity
077.04.001	077.04.002	12x75 mm	round	1000 pieces
077.04.003	077.04.004	16x100 mm	round	500 pieces
077.04.005	077.04.006	16x100 mm	conical	500 pieces

CENTRIFUGE TUBES - "glass"

- Manufactured from neutral glass with wall thickness 1,0 - 1,1 mm.
- Nominal capacity is approximately 15 ml. They stand up to 3.500 RCF and guarantee problem free centrifugation.

tube centrifuge	tube dimensions	product specifications	pack quantity
078.01.001	16x100 mm	non-graduated	100 pieces
078.01.002	16x100 mm	graduated	10 pieces

TEST TUBES
"glass" - "with screw cap"

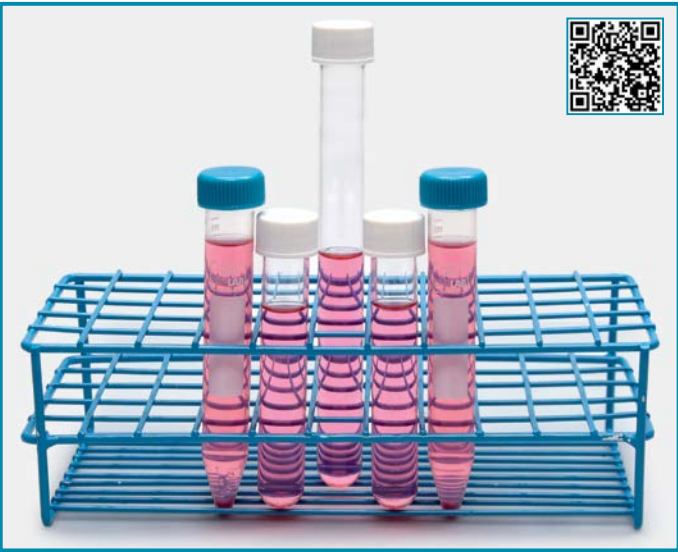
- Manufactured from neutral glass featured with a polypropylene screw cap.
- Hermetic caps guarantee absolute leak-proof closure.
- Specially recommended for tissue culture or other similar applications.
- Tubes and caps are delivered in separate packings.

catalogue number	tube dimensions	pack quantity
077.03.001	16x100 mm	100 pieces
077.03.002	16x160 mm	100 pieces

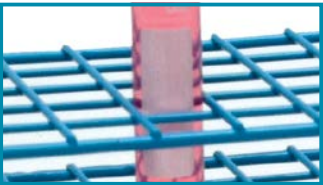


Various beaker tongs can be selected from catalogue page no 69.

TUBE RACKS - “epoxy coated steel”

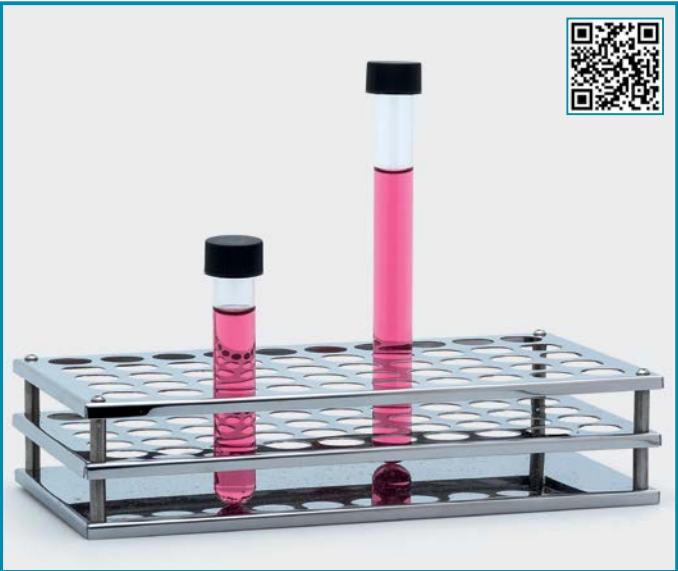


- They offer ideal solutions with square tube holes, reinforced edges and slotted bottom design for secure handling.
- Manufactured from high quality steel wire, welded and coated with heat cured blue epoxy.
- The epoxy coating is absolutely corrosion proof and can resist to salts, moderate acids, moderate alkalis and organic solvents.
- Ideal for autoclaving. Can resist from -200°C to +121°C.

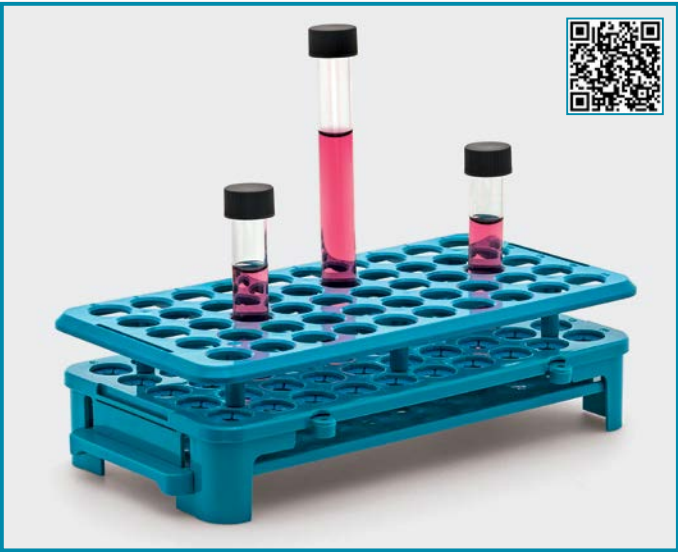


Square tube holes and slotted bottom design guarantees firm hold of the tubes at exact positions.

catalogue number	for tubes	well quantity	tube array	rack L x W x H	pack quantity
079.01.101	13 mm	84	6 x 14	100x231x68 mm	1 piece
079.01.102	16 mm	55	5 x 11	118x260x74 mm	1 piece
079.01.103	18 mm	55	5 x 11	110x235x75 mm	1 piece
079.01.104	20 mm	40	4 x 10	100x235x70 mm	1 piece
079.01.105	25 mm	32	4 x 8	116x230x93 mm	1 piece
079.01.106	30 mm	21	3 x 7	110x260x95 mm	1 piece



TUBE RACKS - “with silicone grips”



- Manufactured from modified ABS which enables the racks to be used in water baths without floating.
- Bottom of each tube compartment is featured with a silicone grip that firmly holds the tubes in position without wobble.
- Tubes can be inserted and extracted with a gentle push or pull.



PUSH & EJECT function

Just simply press upwards the bottom layer of the tube rack by two hands. The eject mechanism automatically releases the tubes from their positions simultaneously and immediately.



SILICONE GRIP function

Bottom of each tube compartment is featured with a silicone grip that firmly holds the tubes in position without wobble.

catalogue number	tube diameter	tube qty	tube array	pack quantity
079.11.016	15/16 mm	50	5x10	1 piece

TUBE RACKS - “st. steel”

- Manufactured from high quality, chemical and corrosion resistant AISI 304 grade stainless steel.
- Robust and seamless construction guarantees long life cycle. Smooth polished surface provides fast and easy cleaning.
- Offers a very long life cycle due to the very robust construction.
- Perfect design of the tube holes firmly keeps the tubes at their position.

catalogue number	tube diameter	tube quantity	tube array	pack quantity
079.02.001	13 mm	50	5x10	1 piece
079.02.002	16 mm	50	5x10	1 piece
079.02.003	18 mm	40	4x10	1 piece

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TUBE RACKS - "polypropylene" - "dismantled"



➤ Manufactured from modified polypropylene which enables the racks to be used in water baths without floating.

➤ Guarantees temperature resistance between -20°C to +121°C.

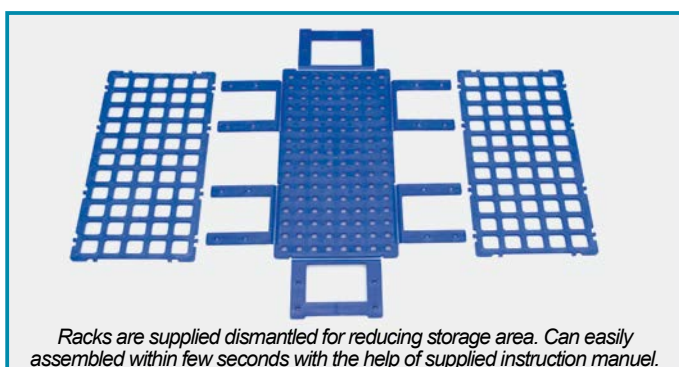
➤ 4 different color options offer visual sorting and organising of different samples.

➤ The alpha numeric grid reference on the top tier of the rack ensures an easy tube location and sample positioning.

➤ Racks are supplied dismantled for reducing storage area.

➤ Racks can be easily assembled less than half a minute with the help of supplied instruction manuel.

item no	for tubes	well quantity	tube array	rack L x W x H	white racks catalogue no	blue racks catalogue no	red racks catalogue no	orange racks catalogue no	pack quantity
1	13 mm	84	6 x 14	125x265x70 mm	079.01.001W	079.01.001B	079.01.001R	079.01.001O	1 piece
2	16 mm	55	5 x 11	125x265x70 mm	079.01.002W	079.01.002B	079.01.002R	079.01.002O	1 piece
3	18 mm	55	5 x 11	125x265x70 mm	079.01.003W	079.01.003B	079.01.003R	079.01.003O	1 piece
4	20 mm	40	4 x 10	125x265x70 mm	079.01.004W	079.01.004B	079.01.004R	079.01.004O	1 piece
5	25 mm	32	4 x 8	125x265x90 mm	079.01.005W	079.01.005B	079.01.005R	079.01.005O	1 piece
6	30 mm	21	3 x 7	125x265x90 mm	079.01.006W	079.01.006B	079.01.006R	079.01.006O	1 piece



TUBE RACK - "4 sides"

➤ Manufactured from modified polypropylene which enables the racks to be used in water baths without floating.

➤ 4 sides offer 4 different tube holding alternative.

- Side 1: holds 4 x 30 mm dia. tube with 2 x 2 array
- Side 2: holds 32 x 12 mm dia. tube with 4 x 8 array
- Side 3: holds 12 x 17 mm dia. tube with 2 x 6 array
- Side 4: holds 96 x 7 mm dia. tube with 8 x 12 array

➤ Racks are designed with an interlocking system for connection to each other in order to form multi rack rows.

➤ Alphanumeric index on tube rows enables easy identification of tube positions.

catalogue number	tube diameter	tube volume	tube quantity	tube array	pack quantity
080.01.001	30 mm	50 ml	4	2 x 2	1 piece
	12 mm		32	4 x 8	
	17 mm	15 ml	12	2 x 6	
	7 mm		96	8 x 12	



TUBE RACKS - "polypropylene" - "foldable"



- Manufactured from modified polypropylene which enables the racks to be used in water baths without floating.
- Guarantees temperature resistance between -20°C to +121°C.
- 4 different color options offer visual sorting and organising of different samples.
- Raised tube sockets guarantee firm hold of the tubes at their exact positions.
- The alpha numeric grid reference on the top tier of the rack ensures an easy tube location and sample positioning.
- Racks are supplied assembled and folded. Can be ready for use in few seconds with a simple action.
- These racks can be folded after use for reducing storage area.

for tubes	well quantity	tube array	rack L x W x H	white racks catalogue no	blue racks catalogue no	red racks catalogue no	orange racks catalogue no	pack quantity
13 mm	50	5 x 10	160x275x70 mm	079.03.001W	079.03.001B	079.03.001R	079.03.001O	1 piece
16 mm	50	5 x 10	160x275x70 mm	079.03.002W	079.03.002B	079.03.002R	079.03.002O	1 piece
18 mm	50	5 x 10	160x275x70 mm	079.03.003W	079.03.003B	079.03.003R	079.03.003O	1 piece
20 mm	45	5 x 9	160x275x70 mm	079.03.004W	079.03.004B	079.03.004R	079.03.004O	1 piece
30 mm	26	4 x 6/7	160x275x70 mm	079.03.005W	079.03.005B	079.03.005R	079.03.005O	1 piece



4 different color options offer visual sorting and organising of different samples.



Raised tube sockets guarantee firm hold of the tubes at their exact positions.



Supplied assembled and folded. Can be ready for use in few seconds with a simple action.



Lifting the rack

Pull the rack apart by holding the holes at top and bottom.



Pull side handles out and click into open position.



Place the rack on a flat surface and push the side supports inwards.



Folding the rack

Press on 4 corners and click the upper part to locking position.

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STANDS - "rectangular"

- Highly stable rectangular base is manufactured from enamel coated sheet steel.
- Silicone feet placed under the base prevents the stand from sliding.
- Supplied without rods. Kindly select the suitable rod from below table.

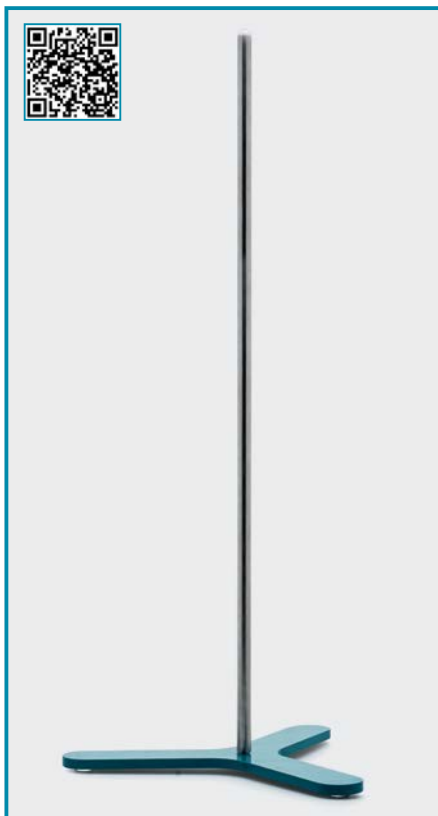
catalogue number	dimensions	pack quantity
049.01.130	130 x 210 mm	1 piece
049.01.150	150 x 300 mm	1 piece
049.01.200	200 x 315 mm	1 piece

SUPPORT RODS

- Manufactured either from galvanised steel or stainless steel with a M10 thread.

galvanised steel	rod length	rod diameter	pack quantity
049.06.004	600 mm	12 mm	1 piece
049.06.005	750 mm	12 mm	1 piece
049.06.006	1000 mm	12 mm	1 piece

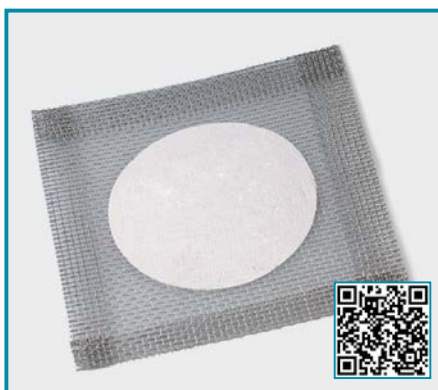
stainless steel	rod length	rod diameter	pack quantity
049.07.004	600 mm	12 mm	1 piece
049.07.005	750 mm	12 mm	1 piece
049.07.006	1000 mm	12 mm	1 piece



STANDS - "triangle"

- Highly stable triangle base is manufactured from enamel coated sheet steel.
- Silicone feet placed under the base prevents the stand from sliding.
- Supplied without rods. Kindly select the suitable rod from below table.

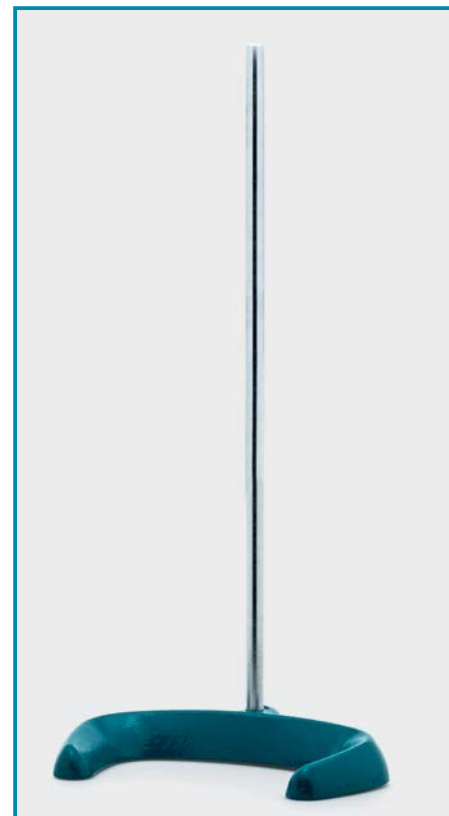
catalogue number	foot length	base thickness	pack quantity
049.03.115	115 mm	8 mm	1 piece
049.03.150	150 mm	8 mm	1 piece



WIRE GAUZES

- Manufactured from galvanised steel with a ceramic circular plate at the center.

catalogue number	wire gauze dimensions	pack quantity
050.06.001	150x150 mm	1 piece



STANDS - "horse shoe"

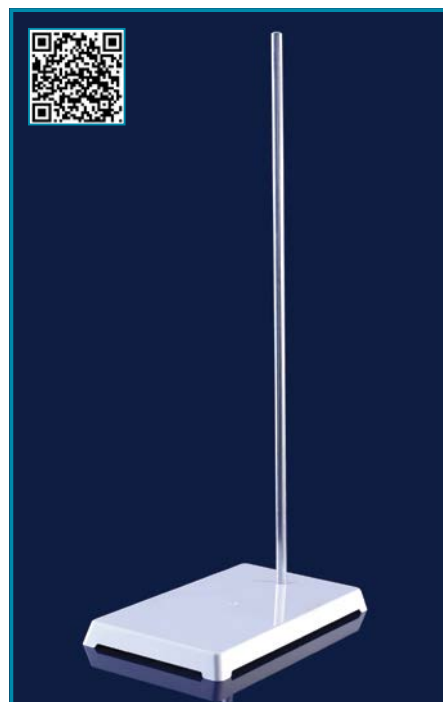
- The most sturdy stand type.
- Extremely stable horse shoe base is manufactured from enamel coated cast steel.
- Highly recommended for various applications such as titration, assembly of stirrers etc. Supplied with rods.

catalogue number	size	rod dia.	rod height	pack quantity
049.09.180	small	12 mm	600 mm	1 piece
049.09.250	medium	14 mm	700 mm	1 piece
049.09.320	large	16 mm	800 mm	1 piece

**STANDS - "ABS"**

- Highly stable rectangular base is manufactured from ABS.
- Base with dimensions 175x300 mm has two rod holding holes.
- Same rod can be placed either at the center or at the rear of the base offering multi advantages.
- White base color guarantees perfect visual observation of color changes during titration applications.
- Delivered complete with a screw-in galvanized support rod of 600 mm height.

catalogue number	base width	base length	pack quantity
049.04.175	175 mm	300 mm	1 piece

**LABORATORY JACKS**

- Table and base plate are manufactured from anodized aluminium. Scissors are made from stainless steel.
- Large control knob enables smooth and continuous control of table height.

catalogue number	plate width	plate length	pack quantity
050.05.150	150 mm	150 mm	1 piece
050.05.200	200 mm	200 mm	1 piece

**TRIPOD - "fix height"**

- Manufactured from chrome plated steel.
- Holding ring with 125 mm diameter offers practical use with all sizes of ceramic triangles and wire gauzes.

catalogue number	fix height	pack quantity
050.04.001	200 mm	1 piece

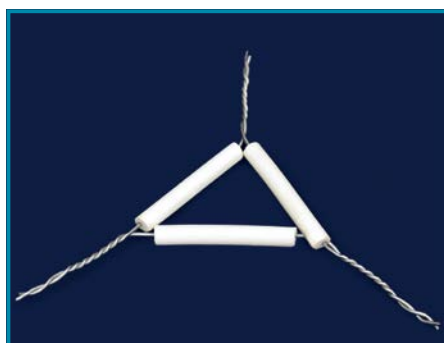


150 mm standard diameter of circular ring can be reduced to 125 mm with the help of supplied reduction ring.

TRIPOD - "adjustable height"

- Manufactured from chrome plated steel. Height can be adjustable from 200 mm to 300 mm.
- Holding ring with 150 mm diameter can be reduced to 125 mm with the supplied reduction attachment.

catalogue number	pack quantity
050.04.002	1 piece

**CERAMIC TRIANGLES**

- Consists of ceramic pipes around galvanized steel wire.

catalogue number	ceramic cylinder dimension	pack quantity
050.07.050	50 mm	1 piece
050.07.060	60 mm	1 piece

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**CLAMP - "2 jaws" - "without bosshead"**

- Manufactured from high quality, corrosion resistant chromated steel holding for various objects in the most secure way.
- PVC coated insulated jaws guarantee perfect heat insulation. Soft and elastic coating holds the glassware gently and prevent possible breakage.
- Individually adjustable clamps guarantee perfect and precise control of holding pressure and holding position.
- Clamps can be opened and closed smoothly with a 50 mm grip diameter.

catalogue number	pack quantity
045.01.001	1 piece

**CLAMP - "2 jaws" - "with bosshead"**

- Manufactured from high quality, corrosion resistant chromated steel holding for various objects in the most secure way.
- Featured with a swivel bosshead which provides 360° swivel of the clamped object around their axis. Bosshead locking feature guarantees perfect position hold of the clamped objects. Adjustable clamps guarantee perfect pressure control.
- PVC coated insulated jaws guarantee perfect heat insulation. Soft coating holds the glassware gently and prevent breakage.
- Clamps can be opened and closed smoothly with a 50 mm grip diameter.

catalogue number	pack quantity
045.04.001	1 piece

**CLAMP - "3 jaws" - "without bosshead"**

- Manufactured from high quality, corrosion resistant chromated steel holding for various objects in the most secure way.
- PVC coated insulated jaws guarantee perfect heat insulation. Soft and elastic coating holds the glassware gently and prevent possible breakage.
- Individually adjustable clamps guarantee perfect and precise control of holding pressure and holding position.
- Clamps can be opened and closed smoothly with a 70 mm grip diameter.

catalogue number	pack quantity
045.03.001	1 piece

**CLAMP - "3 jaws" - "with bosshead"**

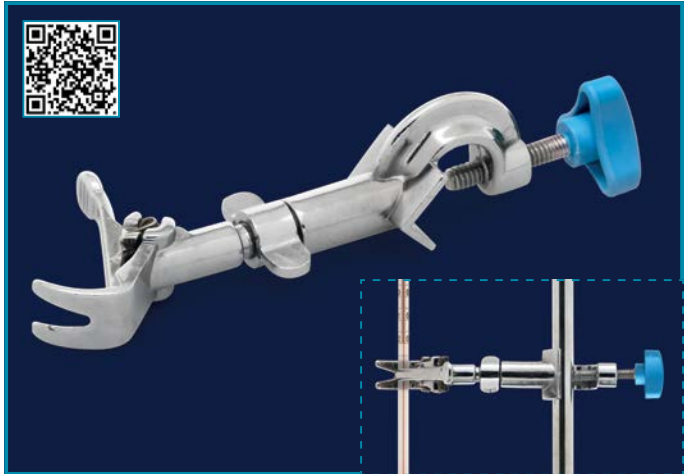
- Manufactured from high quality, corrosion resistant chromated steel holding for various objects in the most secure way.
- Featured with a swivel bosshead which provides 360° swivel of the clamped object around their axis. Bosshead locking feature guarantees perfect position hold of the clamped objects. Adjustable clamps guarantee perfect pressure control.
- PVC coated insulated jaws guarantee perfect heat insulation. Soft coating holds the glassware gently and prevent breakage.
- Clamps can be opened and closed smoothly with a 70 mm grip diameter.

catalogue number	pack quantity
045.06.001	1 piece

**CLAMP - "for frame work"**

- Manufactured from high quality, corrosion resistant chromated steel.
- Ideal for frame works and fixing perpendiculars.
- Clamps can be opened and closed smoothly by a screw thread with a 12 mm grip diameter.

catalogue number	pack quantity
046.07.001	1 piece



CLAMP - "for thermometers"

- Manufactured from high quality, corrosion resistant chromated steel for holding thermometers in the most secure way.
- Featured with a swivel bosshead which provides 360° swivel of the clamped object around their axis.
- Bosshead locking feature guarantees perfect position hold of the clamped objects.
- Fixing head featured with flexible springs offers easy insertion and extraction of the thermometers.
- Clamps can be opened and closed smoothly with a 30 mm grip diameter.

catalogue number	pack quantity
060.04.001	1 piece



BOSSHEAD - "standard" - "fix position"

- Manufactured from high quality, corrosion resistant chromated steel for holding rods in the most secure way.
- Holds the objects on a fixed position.
- Clamps can be opened and closed smoothly with a 23 mm grip diameter.

catalogue number	pack quantity
046.01.001	1 piece



BOSSHEAD - "heavy duty" - "fix position"

- Manufactured from high quality, corrosion resistant chromated steel for holding rods in the most secure way.
- Holds the objects on a fixed position.
- Clamps can be opened and closed smoothly with a 17 mm grip diameter.

catalogue number	pack quantity
046.05.001	1 piece



BOSSHEAD - "heavy duty" - "fix position"

- Manufactured from high quality, corrosion resistant powder coated steel for holding rods in the most secure way.
- Holds the objects on a fixed position.
- Sturdy construction guarantees the use with heavy objects.
- Clamps can be opened and closed smoothly with a 23 mm grip diameter.

catalogue number	pack quantity
046.05.002	1 piece



BOSSHEAD - "standard" - "swivel head"

- Manufactured from high quality, corrosion resistant chromated steel for holding rods in the most secure way.
- Featured with a swivel bosshead which provides 360° swivel of the clamped object around their axis.
- Bosshead locking feature guarantees perfect position hold of the clamped objects.
- Clamps can be opened and closed smoothly with a 25 mm grip diameter.

catalogue number	pack quantity
046.01.002	1 piece

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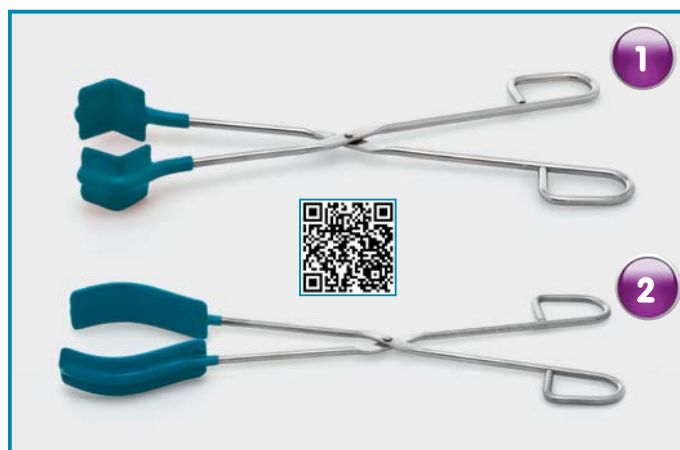


TONGS - "rod jaws"

- Manufactured from high quality, corrosion resistant chromated steel for holding erlenmeyers and flasks in the most secure way.
- Soft and elastic coating holds the glassware gently and prevent possible breakage.

➤ PVC coated insulated jaws guarantees perfect heat insulation.

catalogue number	pos. no	pack quantity
029.03.001	1	1 piece
026.03.001	2	1 piece



TONGS - "flat jaws"

- Manufactured from high quality, corrosion resistant chromated steel for holding erlenmeyers and flasks in the most secure way.
- Soft and elastic coating holds the glassware gently and prevent possible breakage.

➤ PVC coated insulated jaws guarantees perfect heat insulation.

catalogue number	pos. no	pack quantity
029.03.002	1	1 piece
026.03.002	2	1 piece



TONGS - "for evaporating dishes"

- Manufactured from high quality, chromated steel.

➤ Unique design with grabbing jaws enables safe holding of dishes.

catalogue number	total length	pack quantity
038.05.001	280 mm	1 piece



TONGS - "for crucibles"

- Manufactured from high quality, chromated steel for holding crucibles.

➤ Unique design with grabbing jaws enables safe holding of crucibles.

catalogue number	total length	pack quantity
038.06.250	250 mm	1 piece
038.06.300	300 mm	1 piece
038.06.400	400 mm	1 piece



CLAMP - "for tubes" - "wood"

- Manufactured from hardened wood for holding tubes in the most secure way.

➤ Featured with a steel spring for tight and firm holding of the tubes.

- Long handling arm avoids close contact of the fingers to the flame.

catalogue number	total length	pack quantity
080.04.001	180 mm	1 piece



CLAMP - "for tubes" - "steel"

- Manufactured from chromated steel for holding tubes in the most secure way.

➤ Featured with a steel spring and a finger for tight and firm holding of the tubes.

- Long handling arm avoids close contact of the fingers to the flame.

catalogue number	total length	pack quantity
080.04.002	150 mm	1 piece

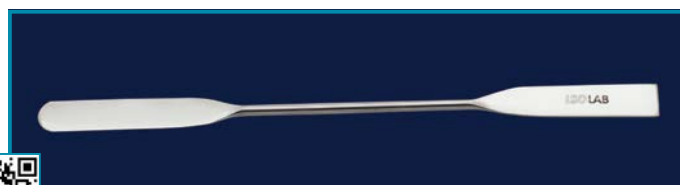


SPATULAS - "st. steel" - "macro spoon"

➤ Manufactured from AISI 304 grade stainless steel. Most commonly used spatula.

➤ Featured with a macro spoon for medium and large size particles at one end and a straight/flat spatula at the other end.

catalogue number	total length	pack quantity
047.01.120	120 mm	1 piece
047.01.150	150 mm	1 piece
047.01.180	180 mm	1 piece
047.01.210	210 mm	1 piece
047.01.250	250 mm	1 piece
047.01.300	300 mm	1 piece

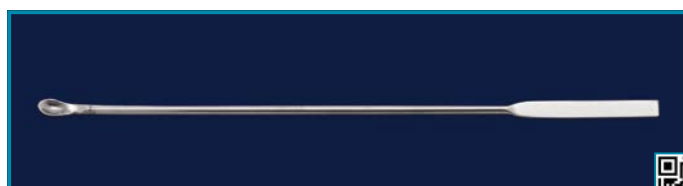


SPATULAS - "st. steel" - "double end"

➤ Manufactured from AISI 304 grade stainless steel. Suitable for transferring products from flat or sticky surfaces.

➤ Featured with a round/flat spatula at one end and a straight/flat spatula at the other end.

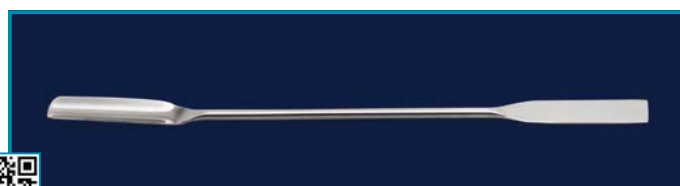
catalogue number	total length	pack quantity
047.07.130	130 mm	1 piece
047.07.150	155 mm	1 piece
047.07.185	180 mm	1 piece
047.07.210	210 mm	1 piece
047.07.250	255 mm	1 piece
047.07.300	300 mm	1 piece



SPATULAS - "st. steel" - "micro spoon"

➤ Manufactured from AISI 304 grade stainless steel. Featured with a micro spoon for small size particles at one end and a straight/flat spatula at the other end.

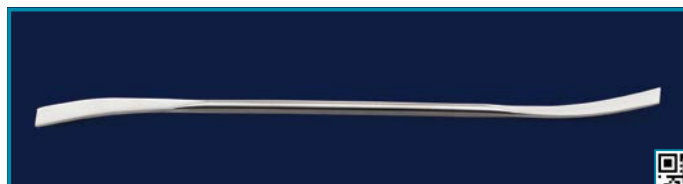
catalogue number	total length	pack quantity
047.06.150	150 mm	1 piece
047.06.180	180 mm	1 piece
047.06.210	210 mm	1 piece



SPATULAS - "st. steel" - "round grooved"

➤ Manufactured from AISI 304 grade stainless steel. Featured with a grooved spoon at one end and a straight/flat spatula at the other end.

catalogue number	total length	pack quantity
047.02.150	150 mm	1 piece
047.02.180	185 mm	1 piece
047.02.210	210 mm	1 piece



SPATULAS - "st. steel" - "curved end"

➤ Manufactured from AISI 304 grade stainless steel. Featured with a curved/flat spatula at one end and a curved /flat spatula at the other end.

catalogue number	total length	pack quantity
047.03.150	150 mm	1 piece
047.03.180	180 mm	1 piece
047.03.210	210 mm	1 piece



SPATULAS - "st. steel" - "poly"

➤ Manufactured from AISI 304 grade stainless steel. Featured with a ellipsoidal/curved spoon at one end and a straight/flat triangular spatula at the other end.

catalogue number	total length	pack quantity
047.08.150	150 mm	1 piece
047.08.180	180 mm	1 piece
047.08.210	210 mm	1 piece



SPATULAS - "st. steel" - "chattaway"

➤ Manufactured from AISI 304 grade stainless steel. Suitable for transferring products from flat or sticky surfaces. Featured with a curved/flat spatula at one end and a straight/flat spatula at the other end.

catalogue number	total length	pack quantity
047.09.100	100 mm	1 piece
047.09.130	130 mm	1 piece
047.09.150	150 mm	1 piece
047.09.180	180 mm	1 piece
047.09.210	210 mm	1 piece



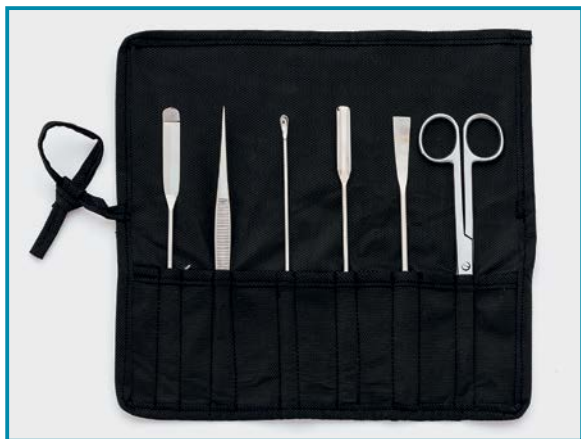
SPATULAS - "st. steel" - "flat knife"

➤ Manufactured from AISI 304 grade stainless steel with a wooden handle. Suitable for large size transferring products. Featured with a flat knife formed spatula at one end and a wooden handle at the other end.

catalogue number	knife length	pack quantity
047.10.075	75 mm	1 piece
047.10.100	100 mm	1 piece
047.10.150	150 mm	1 piece
047.10.200	200 mm	1 piece
047.10.300	300 mm	1 piece

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SPATULAS - "in a wallet"



➤ A practical set of 6 most common and frequently used spatulas all manufactured from high quality, chemical and corrosion resistant AISI 304 grade stainless steel.

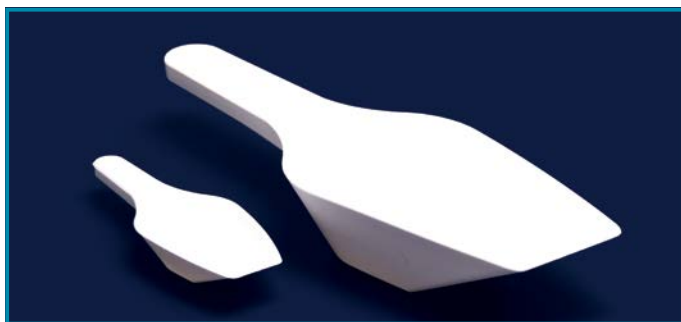
➤ Set consists of one of each micro spoon / curved and ground/ chattaway spatula with all 180 mm length and dissecting forcep / blunt - sharp scissors with 160 mm length.

➤ All spatulas are placed into suitable holding pockets of the wallet that keeps the spatulas away from disorder and exterior effects.

spatula set	pack quantity
047.05.001	1 piece

empty wallet	pack quantity
047.05.002	1 piece

SCOOPS - "polypropylene" - "self standing"



➤ Manufactured from high quality polypropylene which resists to most acids, bases and many commonly used solvents.

➤ Guarantees excellent temperature resistance between -20°C to +121°C.

➤ Perfect shape and size enable efficient sampling of various powder, granulate and paste form samples.

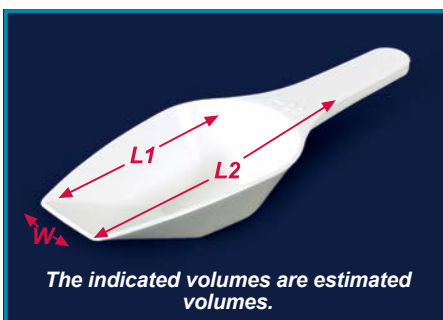
➤ 9 volume sizes from 2 ml to 1000 ml offer an wide sampling option from smallest to largest sample volume.

➤ Due to their flat bottom construction these scoops can stand horizontal on the flat surfaces and can also be used as a weighing pan.

➤ With the help of precision formed sharp edge they offer best performance while picking up samples even from wet surfaces.



Featured with easy to grip handles for comfortable use. Approximate volume values are printed on the handles.



white scoops	blue scoops	volume	L1	L2	W	pack quantity
037.30.002W	037.30.002B	2 ml	31 mm	62 mm	10 mm	1 piece
037.30.005W	037.30.005B	5 ml	42 mm	82 mm	13 mm	1 piece
037.30.010W	037.30.010B	10 ml	56 mm	96 mm	16 mm	1 piece
037.30.025W	037.30.025B	25 ml	74 mm	128 mm	21 mm	1 piece
037.30.050W	037.30.050B	50 ml	92 mm	164 mm	27 mm	1 piece
037.30.100W	037.30.100B	100 ml	118 mm	203 mm	34 mm	1 piece
037.30.250W	037.30.250B	250 ml	153 mm	263 mm	44 mm	1 piece
037.30.500W	037.30.500B	500 ml	195 mm	317 mm	57 mm	1 piece
037.30.901W	037.30.901B	1000 ml	250 mm	390 mm	72 mm	1 piece



Due to their flat bottom construction these scoops can stand horizontal on a flat surface and can also be used as a weighing pan.



Same size scoops are easily stackable for reducing storage space. Different color options offer easy visual sorting.

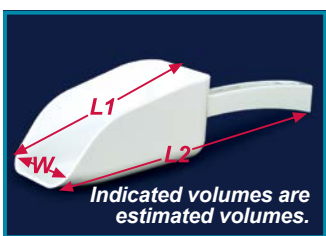


With the help of precision formed sharp edge they offer best performance while picking up samples even from wet surfaces.

SCOOPS - "polystyrene" - "self standing" - "with & without lid"



- Manufactured from high quality polystyrene which resists to most acids, bases and many commonly used solvents. Guarantees temperature resistance between -10°C to +70°C.
- Perfect shape and size enable efficient sampling of various powder, granulate and paste form samples.
- 6 volume sizes from 25 ml to 500 ml offer an wide sampling option from smallest to largest sample volume.
- Due to their flat bottom and slightly inclined handle construction these scoops stand horizontal on the flat surfaces and can also be used as weighing pans.
- Easy to grip and long handle increases the distance between the hand and the sample to reduce cross contamination risks and also offers comfortable use.
- Approximate volume values are printed on the handles.
- **Alternative 2 scoops:**
 - **Non-sterile scoops**
 - **Gamma sterile scoops**
- Sterile scoops are manufactured at aseptically sterile production halls and then send to gamma sterilisation. Such informations as lot number, production and expiry dates etc are indicated on the packing.
- Sterile scoops are manufactured as single use. They eliminate the cost of separate sterile bags or containers in sample collection process.
- Sterile scoops are featured with a press-on, transparent lid which enables easy identification of sample and protects the samples from dust, moisture and other enviromental effects.
- The transparent lid should be closed immediately after the sampling procedure to secure a sterile and contemination-free sample. Lid is featured with a frosted write on area.



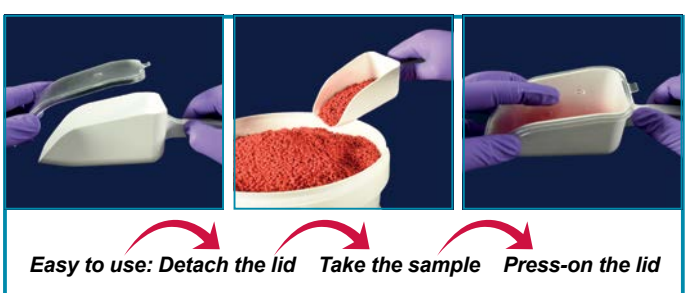
non-sterile white scoops	non-sterile blue scoops	gamma sterile white scoops with lid	volume	L1	L2	W	pack quantity
037.35.025W	037.35.025B	037.36.025W	25 ml	57 mm	137 mm	30 mm	1 piece
037.35.050W	037.35.050B	037.36.050W	50 ml	68 mm	158 mm	33 mm	1 piece
037.35.100W	037.35.100B	037.36.100W	100 ml	96 mm	200 mm	38 mm	1 piece
037.35.150W	037.35.150B	037.36.150W	150 ml	107 mm	215 mm	41 mm	1 piece
037.35.250W	037.35.250B	037.36.250W	250 ml	127 mm	243 mm	50 mm	1 piece
037.35.500W	037.35.500B	037.36.500W	500 ml	162 mm	292 mm	65 mm	1 piece



Precision formed sharp edge offers best performance while picking up samples even from wet surfaces.



Flat bottom and slightly inclined handle construction offer horizontal stand on the flat surfaces.



Sterile scoops are featured with a press-on, transparent lid.
Non-sterile scoops are supplied without the lid.

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SCOOPS - "stainless steel"

- Manufactured from high quality, AISI 304 stainless steel.
- Suitable for spooning medium and large size products. Featured with a round formed spoon at one end and a steel handle at the other end.
- Robust and seamless construction guarantees long life cycle. Smooth polished surfaces provide easy cleaning.

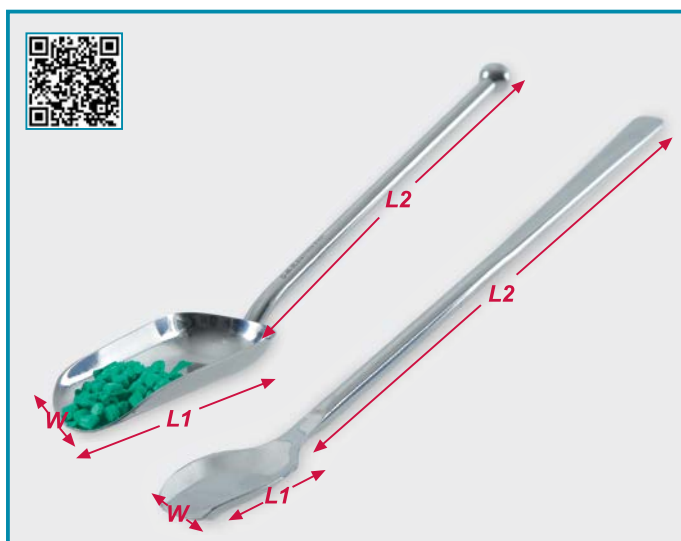
catalogue number	scoop (Ø) W	scoop L1	handle L2	pack quantity
037.08.050	50 mm	96 mm	92 mm	1 piece
037.08.075	75 mm	145 mm	100 mm	1 piece
037.08.100	100 mm	203 mm	102 mm	1 piece
037.08.120	120 mm	230 mm	105 mm	1 piece

SCOOP & SPOON - "stainless steel"

- Manufactured from high quality, chemical and corrosion resistant AISI 304 grade stainless steel.
- Suitable for spooning small to medium size products. Featured with a round formed spoon at one end and a handle at the other end.
- Robust and seamless construction guarantees long life cycle.
- Smooth polished surfaces provide fast and easy cleaning.

scoop cat. no.	scoop (Ø) W	scoop L1	handle L2	pack quantity
047.18.002	21 mm	63 mm	140 mm	1 piece

spoon cat. no.	scoop (Ø) W	scoop L1	handle L2	pack quantity
047.18.001	11 mm	30 mm	160 mm	1 piece

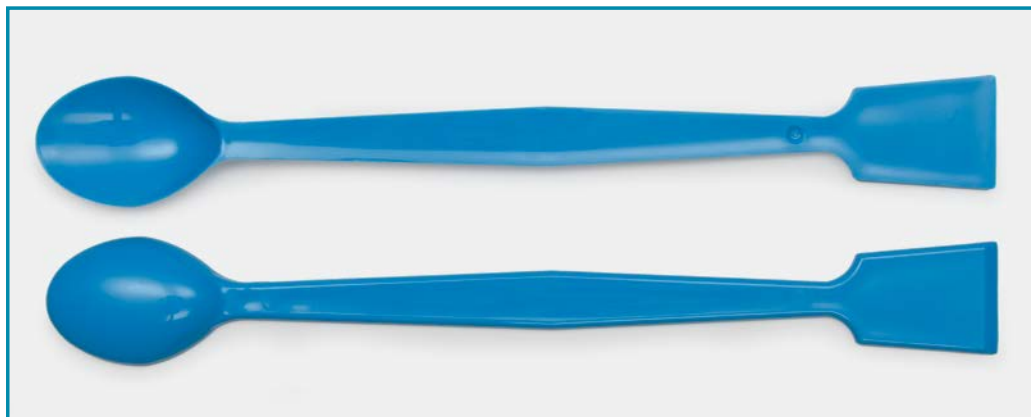


SPOONS - "polystyrene" - "sterile"

- Manufactured from high quality polystyrene as single use.
- Resists to most acids, bases and many commonly used solvents. Guarantees temperature resistance between -10°C to +70°C.
- Sterile spoons are "DNase, RNase and pyrogen-free" since sterilised by gamma irradiation after production step. Individually single packed with lot number, production date and expiry date printed on the package.
- Approximate volume values are printed on the handles.
- Perfect shape and size enable efficient sampling of various powder, granulate and paste form samples.
- Easy to grip and long handle increases the distance between the hand and the sample to reduce cross contamination risks.

catalogue number	spoon volume	scoop (Ø) W	spoon L1	handle L2	pack quantity
037.36.002	2,5 ml	22 mm	36 mm	54 mm	1 piece
037.36.010	10 ml	31 mm	56 mm	110 mm	1 piece

SPATULAS - "polypropylene" - "macro spoon"



Flexible body form offers best sampling and collection options even for wet pastes.



- Manufactured from high quality flexible polypropylene.
- Most commonly used spatula. Featured with a macro spoon form for small, medium and large size particles at one end and a straight/flat spatula form at the other end.
- Robust and seamless construction guarantees long life cycle. Smooth polished surfaces provide fast and easy cleaning.
- Also offers practical solutions for mixing and stirring solutions manually by hand.
- Flat end has 35 degree sharp edges for easy removal of the residues on flat surfaces.

- Flexible body form offers best sampling and collecting.

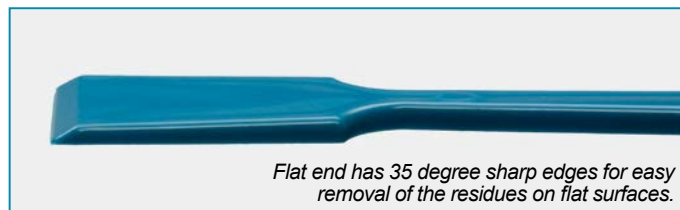
➤ **Alternative 2 spatulas:** ➤ **Non-sterile spatulas**
➤ **Gamma sterile spatulas**

- Gamma sterilised sterile spatulas carry such informations as lot number, production and expiry dates etc on the packing.

total length	non-sterile spatulas	gamma sterile spatulas	pack quantity
150 mm	047.32.150	047.33.150	1 piece
180 mm	047.32.180	047.33.180	1 piece
210 mm	047.32.210	047.33.210	1 piece



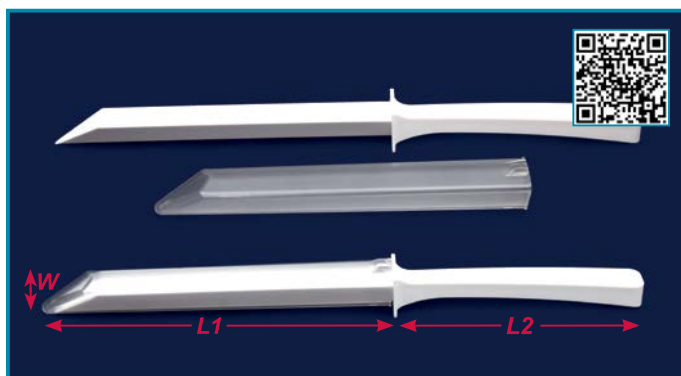
Featured with a macro spoon form for small, medium and large size particles



Flat end has 35 degree sharp edges for easy removal of the residues on flat surfaces.

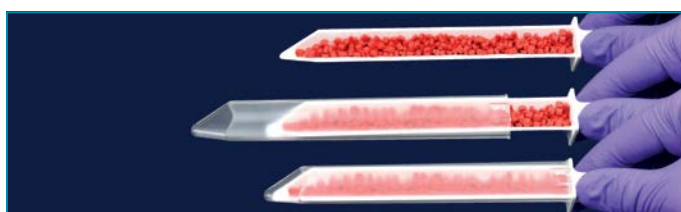
SPATULAS - "sterile" - "with lid" - "polystyrene"

- Manufactured from high quality polystyrene which resists to most acids, bases and many commonly used solvents. Guarantees temperature resistance between -10°C to +70°C.
- Gamma sterile spatulas are manufactured as single use. They eliminate the cost of separate sterile bags or containers in sample collection.
- Perfect shape and size enable efficient sampling of various powder, granulate and paste form samples.
- Sharp blade penetrates directly into paper or plastic bags for optimum and quick sampling process.
- Easy to grip and long handle increases the distance between the hand and the sample to reduce cross contamination risks.
- Approximate volume values are printed on scoop handles.
- Sterile spatulas are featured with a transparent lid which protects the samples from dust, moisture and other effects.
- The transparent lid should be closed immediately after the sampling to secure a sterile and contamination-free sample.
- Lid is featured with a frosted write on area for practical use.



Sharp blade penetrates directly into paper or plastic bags for optimum and quick sampling process.

Spatulas are featured with a lid high protects the samples from dust, moisture and other effects.



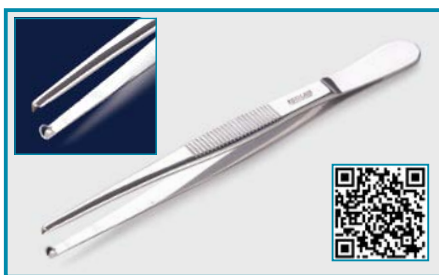
catalogue number	spatula (Ø) W	spatula L1	handle L2	pack quantity
037.36.001	13 mm	150 mm	110 mm	1 piece

lab consumables & labware

**FORCEPS - "general use"**

► Manufactured from AISI 304 grade stainless steel. Most commonly used forceps. Featured with a blunt point tip without jaw.

catalogue number	total length	pack quantity
048.01.105	105 mm	1 piece
048.01.115	115 mm	1 piece
048.01.130	130 mm	1 piece
048.01.145	145 mm	1 piece
048.01.160	160 mm	1 piece
048.01.200	200 mm	1 piece
048.01.250	250 mm	1 piece
048.01.300	300 mm	1 piece

**FORCEPS - "with tooth"**

► Manufactured from AISI 304 grade stainless steel. Featured with a blunt point tip with a 1:2 array jaws for much effective and forced grasping.

catalogue number	total length	pack quantity
048.02.115	115 mm	1 piece
048.02.130	130 mm	1 piece
048.02.145	145 mm	1 piece
048.02.160	160 mm	1 piece

**FORCEPS - "non-sterile"**

► Manufactured from high quality, chemical and corrosion resistant ABS. Fine sharp tips and straight body form offer multiple advantages.



catalogue number	total length	pack quantity
048.10.110	110 mm	10 pieces

**FORCEPS - "general use" - "sterile"**

► Manufactured under germ-free gamma sterile conditions with extreme sterility control from ABS. Certified as "DNase, RNase and pyrogen-free since sterilised by gamma irradiation after production step.

► Individually single packed with lot number, production date and expiry date printed on the package.

catalogue number	total length	pack quantity
048.11.110	110 mm	1 piece

**FORCEPS - "dissecting use"**

► Manufactured from AISI 304 grade stainless steel. Most commonly used forceps for dissecting.

► Featured either with an straight fine sharp point tip or with curved inclined fine sharp point tip.

forceps with straight tip	forceps with curved tip	total length	pack quantity
048.07.105	048.08.105	105 mm	1 piece
048.07.115	048.08.115	115 mm	1 piece
048.07.130	048.08.130	130 mm	1 piece
048.07.150		150 mm	1 piece
048.07.160		160 mm	1 piece
048.07.200		200 mm	1 piece

**FORCEPS - "for cover glasses"**

► Manufactured from AISI 304 grade stainless steel. Most commonly used forceps for handling cover glasses.

► Featured either with a flat inclined tip or with a flat straight tip.

forceps with inclined tip	forceps with straight tip	total length	pack quantity
048.03.001	048.03.002	105 mm	1 piece



SCISSORS - "general use" - "sharp tip" & "blunt tip" & "blunt/sharp tip"

- Manufactured from AISI 304 grade stainless steel with straight form. Most commonly used scissors.
- Robust and seamless construction guarantees long life cycle.

total length	scissors sharp tip	scissors blunt tip	scissors blunt / sharp tip	pack quantity
130 mm	048.22.130	048.23.130	048.24.130	1 piece
160 mm	048.22.160	048.23.160	048.24.160	1 piece



SCISSORS - "dissecting use"

- Manufactured from AISI 304 grade stainless steel. Most commonly used scissors for dissecting.
- Featured either with a straight and fine sharp point tip or curved and fine sharp point tip.

scissor straight tip	scissor curved tip	total length	pack quantity
048.25.130	048.26.130	130 mm	1 piece



SCISSORS - "general use"

- Scissor part manufactured from high quality steel. Commonly used scissors for general applications. Featured with a straight and fine sharp point tips.

catalogue number	total length	pack quantity
048.30.130	130 mm	1 piece
048.30.160	160 mm	1 piece
048.30.200	200 mm	1 piece



SCISSORS - "heavy duty"

- Scissor part manufactured from high quality steel. Most commonly used scissor for cutting all materials even thin layer of metal sheets.
- Spring supported ergonomic plastic handle with safety lock offers easy, fast and safe use.

catalogue number	total length	pack quantity
048.31.001	185 mm	1 piece



CUTTERS

- Can be used as a cutter, as a safety knife suitable for detailed precise cutting. Both models are featured with both a break-off device.
- Large cutter is also featured with an auto-lock knob as additional safety.

- Light weight and ergonomic handle offers excellent grip option.

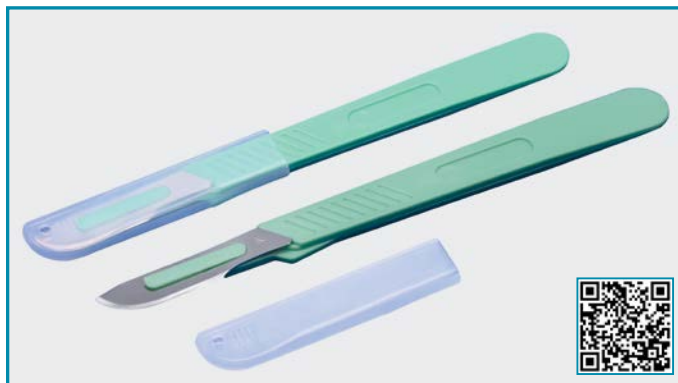
catalogue number	blade length	blade width	pack quantity
048.06.001	80 mm	9 mm	1 piece
048.06.002	100 mm	18 mm	1 piece

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SCALPEL - "with safety cover"

- Single packed sterile scalpel featured with highest grade stainless steel cutting blade.
- Handle is manufactured from polypropylene with a soft grip option.
- The safety cover closes the blade part securely and prevents the unexpected cut risks.

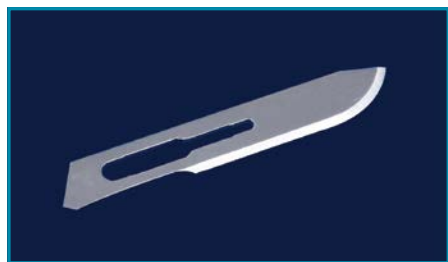
catalogue number	total length	blade length	pack quantity
048.50.003	140 mm	40 mm	1 piece



SCALPEL HANDLES

- Manufactured from stainless steel with approximate length of 130 mm.
- Handle no: 1 carries blades size from 10 to 18. Handle no: 2 carries blade size from 18 to 24.
- Grids at the front part guarantees perfect control during usage.

catalogue number	handle no	total length	pack quantity
048.50.001	1	130 mm	1 piece
048.50.002	2	130 mm	1 piece



SCALPEL BLADE - "no:10"

- Manufactured from carbon steel and sterilised with gamma radiation.
- Suitable to be used with scalpel handle no: 1.

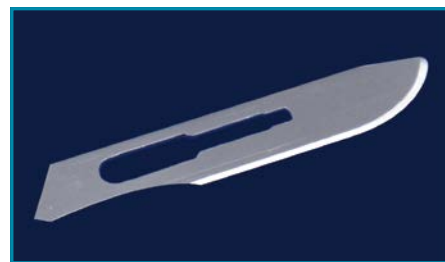
catalogue number	for handle	blade length	pack quantity
048.51.010	no:1	25 mm	100 pieces



SCALPEL BLADE - "no:11"

- Manufactured from carbon steel and sterilised with gamma radiation.
- Suitable to be used with scalpel handle no: 1.

catalogue number	for handle	blade length	pack quantity
048.51.011	no:1	20 mm	100 pieces



SCALPEL BLADE - "no:21"

- Manufactured from carbon steel and sterilised with gamma radiation.
- Suitable to be used with scalpel handle no: 2.

catalogue number	for handle	blade length	pack quantity
048.51.021	no:2	35 mm	100 pieces



DISSECTING NEEDLES

- Needle parts are manufactured from stainless steel with sharp ends.
- Supplied as a set consisting of 3 needles:

- dissecting needle, **straight**
- dissecting needle, **bent**
- dissecting needle, **lanceolated**

catalogue number	pack quantity
052.30.001	1 set



BUNSEN BURNER "standard type"

- Most common used bunsen burner with flame adjustment.
- Can be used with all gases such as neutral gas, butane gas and coal gas.
- Offers practical control of flame from very slow heating to rapid boiling with an adjustable air and gas regulation ring.
- Precise flame adjustment is guaranteed by a screw driven gas control knob.

catalogue number	pack quantity
050.01.001	1 piece



BUNSEN BURNER "advanced type"

- Preferably used if higher heating capacity is required.
- Can be used with all gases such as neutral gas, butane gas and coal gas.
- Offers practical control of flame from very slow heating to rapid boiling with an adjustable air and gas regulation ring.
- Precise flame adjustment is guaranteed by a screw driven gas control knob.

catalogue number	pack quantity
050.01.002	1 piece



BUNSEN BURNER "meker type"

- For very high heating heating up to 1700°C is required.
- Can be used with all gases such as neutral gas, butane gas and coal gas.
- Offers practical control of flame from very slow heating to rapid boiling with an adjustable air and gas regulation ring.
- Precise flame adjustment is guaranteed by a screw driven gas control knob.

catalogue number	pack quantity
050.01.003	1 piece



BUNSEN BURNER STABILIZER

- There is always a tilt over risk for bunsen burners.
- Bunsen burner stabilizer provides a very stable and robust additional base and holds the attached bunsen burner firmly avoiding above mentioned risk.
- The nest perfectly fits to the bases of bunsen burners with catalogue no: 050.01.002 and 050.01.003.
- First insert the bunsen burner into the stabilizer nest. Then stabilize the bunsen burner by fixing the provided screw tightly.

catalogue number	pack quantity
050.09.001	1 piece



CAMP BURNER

- Can be used where connection to a gas pipe line is not existing. Supplied without gas cartridge.

catalogue number	pack quantity
050.01.004	1 piece



BLOW LAMP "cartridge type"

- Multi purpose blow lamp can be used where connection to a gas pipe line is not existing.
- Precise flame adjustment by a screw driven gas control knob.
- Supplied without gas cartridge. Kindly order gas cartridge separately.

blow lamp	spare gas cartridge	pack quantity
050.02.001	050.03.001	1 piece



HOSES - "for bunsen burners"

- Manufactured from extra thick walled rubber. Specially designed to be used with bunsen burners. Reinforced ends fits perfect to the bunsen burner at one side and the gas tap at the other side assuring gas leakage free connection.

catalogue number	pack quantity
050.08.075	1 piece
050.08.100	1 piece

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DESICCATORS "glass" - "non-vacuum"

- Manufactured thick, robust and heat resistant, durable borosilicate glass without vacuum stopcock.
- Excellent smooth grinded body and lid flanges guarantee airtight closure. Supplied with a porcelain perforated desiccator plate.

catalogue number	desiccator diameter	pack quantity
039.01.200	200 mm	1 piece
039.01.250	250 mm	1 piece
039.01.300	300 mm	1 piece

spare lid for non-vacuum desc.	lid diameter	pack quantity
039.06.200	200 mm	1 piece
039.06.250	250 mm	1 piece
039.06.300	300 mm	1 piece



DESICCATORS "glass" - "vacuum"

- Manufactured from borosilicate glass. Featured with a 2-way high vacuum stopcock enabling consistent and uniform vacuum draw and release.
- Excellent smooth grinded body and lid flanges guarantee airtight closure. Supplied with a porcelain perforated desiccator plate.

catalogue number	desiccator diameter	pack quantity
039.02.200	200 mm	1 piece
039.02.250	250 mm	1 piece
039.02.300	300 mm	1 piece

spare lid for vacuum desc.	lid diameter	pack quantity
039.07.200	200 mm	1 piece
039.07.250	250 mm	1 piece
039.07.300	300 mm	1 piece



DESICCATORS "P.P & P.C" - "vacuum"

- Manufactured P.P base with transparent P.C cover. Featured with a 3-way high vacuum stopcock enabling consistent and uniform vacuum draw and release.
- Silicone gasket between body and the lid ensures airtight closure. Supplied with a polypropylene perforated desiccator plate.

catalogue number	desiccator diameter	pack quantity
039.12.200	200 mm	1 piece
039.12.250	250 mm	1 piece
039.12.300	300 mm	1 piece

spare porcelain dessiccator plates	lid diameter	pack quantity
039.05.200	190 mm	1 piece
039.05.250	235 mm	1 piece
039.05.300	300 mm	1 piece

SILICA - GEL DESICCANT BEADS

- Silica-Gel beads are moisture absorbing self - indicating drying agents.
- Perfect substitute of classical desiccator moisture absorbents.
- Beads has a grain size variable from 1 to 3 mm. They are free from any heavy and environmentally compatible.
- Original orange color gradually turns to white as the gel absorbs moisture.
- Color change offers monitoring of the saturation level.
- Silica-Gel beads can be regenerated when heated at a temperature of maximum 120°C.
- The color turns back to original orange color.
- Packed as 1 kg in a sealed P.P bottle in order to prevent preabsorption of moisture.

catalogue number	packing specification
039.16.001	1 kg in P.P bottle

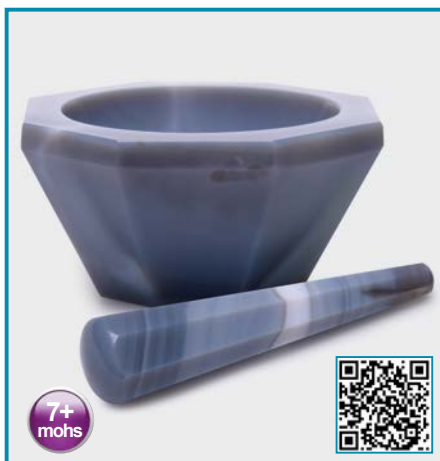




MORTARS - "agate"

- Manufactured from high quality, natural agate stone with standard depth.
- Supplied with a pestle with relevant size to agate mortar.

catalogue number	volume	ext. dia	height	pack quantity
038.07.050	9 ml	50 mm	25 mm	1 piece
038.07.075	22 ml	75 mm	30 mm	1 piece
038.07.100	50 ml	100 mm	40 mm	1 piece
038.07.125	120 ml	125 mm	45 mm	1 piece
038.07.150	270 ml	150 mm	55 mm	1 piece



MORTARS - "deep form"

- Manufactured from high quality, natural agate stone with extra depth compared to standard deep mortars.
- Supplied with a pestle with relevant size to agate mortar.

catalogue number	volume	ext. dia	height	pack quantity
038.09.060	25 ml	60 mm	35 mm	1 piece
038.09.070	35 ml	70 mm	40 mm	1 piece
038.09.080	60 ml	80 mm	45 mm	1 piece
038.09.100	100 ml	100 mm	55 mm	1 piece
038.09.120	165 ml	120 mm	60 mm	1 piece



MORTARS - "black agate"

- Manufactured from high quality, natural black agate stone with standard depth.
- Supplied with a pestle with relevant size to agate mortar.

catalogue number	volume	ext. dia	height	pack quantity
038.18.065	25 ml	65 mm	30 mm	1 piece
038.18.085	70 ml	85 mm	35 mm	1 piece
038.18.110	140 ml	115 mm	45 mm	1 piece
038.18.125	210 ml	125 mm	50 mm	1 piece
038.18.150	350 ml	150 mm	55 mm	1 piece



MORTARS - "alsint"

- Manufactured from extremely chemical resistant pure 99,7 % aluminium oxide (alsint).
- Recommended for use absolute contamination free crushing.
- Supplied with a pestle with relevant size to alsint mortar.

catalogue number	volume	ext. dia	height	pack quantity
038.08.050	7 ml	50 mm	26 mm	1 piece
038.08.075	30 ml	75 mm	40 mm	1 piece
038.08.100	80 ml	100 mm	48 mm	1 piece
038.08.125	120 ml	125 mm	70 mm	1 piece
038.08.150	150 ml	150 mm	75 mm	1 piece



MORTARS - "porcelain"

- Manufactured from high quality, glazed porcelain according to DIN 12906 standard.
- Grinding chamber made from unglazed porcelain provides perfect hold of the samples during crushing without splattering.
- **Supplied without pestle. Please select the appropriate pestle.**

catalogue number	volume	ext. dia	height	pack quantity
038.02.065	70 ml	80 mm	40 mm	1 piece
038.02.090	170 ml	105 mm	55 mm	1 piece
038.02.130	400 ml	150 mm	70 mm	1 piece
038.02.150	700 ml	175 mm	70 mm	1 piece
038.02.180	1000 ml	207 mm	80 mm	1 piece



PESTLES - "porcelain"

- Manufactured from high quality, glazed porcelain according to DIN 12906 standard.
- Grinding head made from unglazed porcelain for crushing without splattering.

catalogue number	head diameter	total length	pack quantity
038.03.115	24 mm	115 mm	1 piece
038.03.135	30 mm	135 mm	1 piece
038.03.150	36 mm	150 mm	1 piece
038.03.175	42 mm	175 mm	1 piece
038.03.210	55 mm	210 mm	1 piece

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EVAPORATING DISHES "porcelain" - "flat base"

➤ Manufactured from high quality, glazed porcelain according to DIN 12903 standard.

catalogue number	volume	ext. dia	height	pack quantity
038.11.060	20 ml	63 mm	13 mm	6 pieces
038.11.080	40 ml	80 mm	20 mm	6 pieces
038.11.100	80 ml	110 mm	25 mm	6 pieces
038.11.125	270 ml	125 mm	27 mm	6 pieces
038.11.160	450 ml	160 mm	35 mm	6 pieces



EVAPORATING DISHES "porcelain" - "round base"

➤ Manufactured from high quality, glazed porcelain according to DIN 12903 standard.

catalogue number	volume	ext. dia	height	pack quantity
038.12.060	40 ml	60 mm	25 mm	6 pieces
038.12.080	75 ml	80 mm	30 mm	6 pieces
038.12.100	180 ml	100 mm	45 mm	6 pieces
038.12.125	310 ml	125 mm	48 mm	6 pieces
038.12.160	640 ml	160 mm	58 mm	6 pieces



CRYSTALLIZATION DISHES "glass" - "flat base"

➤ Manufactured from heat resistant, durable borosilicate glass according to DIN 12338.

catalogue number	volume	ext. dia	height	pack quantity
049.05.060	85 ml	60 mm	35 mm	1 piece
049.05.100	110 ml	70 mm	40 mm	1 piece
049.05.150	160 ml	80 mm	45 mm	1 piece
049.05.300	280 ml	95 mm	55 mm	1 piece
049.05.900	860 ml	140 mm	75 mm	1 piece



EVAPORATING DISHES "st. steel" - "round base"

➤ Manufactured from high quality, chemical and corrosion resistant AISI 304 grade stainless steel.

catalogue number	volume	ext. dia	height	pack quantity
038.14.060	50 ml	60 mm	30 mm	1 piece
038.14.080	125 ml	80 mm	40 mm	1 piece
038.14.100	250 ml	100 mm	55 mm	1 piece



CRYSTALLIZATION DISHES "st. steel" - "flat base"

➤ Manufactured from high quality, chemical and corrosion resistant AISI 304 grade stainless steel.

catalogue number	volume	ext. dia	height	pack quantity
049.08.070	100 ml	70 mm	35 mm	1 piece
049.08.085	150 ml	85 mm	45 mm	1 piece
049.08.110	400 ml	110 mm	55 mm	1 piece



CRUCIBLES "st. steel" - "medium form"

➤ Manufactured from high quality, chemical and corrosion resistant AISI 304 grade stainless steel.

catalogue number	external diameter	height	pack quantity
038.13.S35	44 mm	35 mm	1 piece
038.13.S45	51 mm	45 mm	1 piece
038.13.S50	63 mm	50 mm	1 piece



COMBUSTION BOATS - "porcelain"

➤ Manufactured from high quality, glazed porcelain.

➤ In order to prevent breakage controlled cooling and preventing use with direct flame is recommended.

catalogue number	dimensions	height	pack quantity
038.17.001	88 x 12 mm	10 mm	10 pieces



CRUCIBLES - "porcelain"

► Manufactured from high quality, glazed porcelain according to DIN 12904 standard.

► In order to prevent breakage controlled cooling and preventing use with direct flame is recommended.

► Supplied without lid. Please select the appropriate size from lid options.



catalogue number	external diameter	height	pack quantity
038.14.L30	30 mm	18 mm	6 pieces
038.14.L35	35 mm	23 mm	6 pieces
038.14.L40	40 mm	25 mm	6 pieces
038.14.L45	45 mm	29 mm	6 pieces
038.14.L50	50 mm	32 mm	6 pieces
038.14.L60	60 mm	38 mm	6 pieces
038.14.L70	70 mm	48 mm	6 pieces

catalogue number	external diameter	height	pack quantity
038.14.M35	35 mm	28 mm	6 pieces
038.14.M40	40 mm	32 mm	6 pieces
038.14.M45	45 mm	36 mm	6 pieces
038.14.M50	50 mm	40 mm	6 pieces
038.14.M60	60 mm	50 mm	6 pieces
038.14.M70	70 mm	60 mm	6 pieces
038.14.M82	82 mm	65 mm	6 pieces

catalogue number	external diameter	height	pack quantity
038.14.H30	30 mm	38 mm	6 pieces
038.14.H35	35 mm	44 mm	6 pieces
038.14.H40	40 mm	49 mm	6 pieces
038.14.H46	46 mm	58 mm	6 pieces
038.14.H51	51 mm	65 mm	6 pieces
038.14.H60	60 mm	79 mm	6 pieces

CRUCIBLE LIDS

► Manufactured from high quality, glazed porcelain according to DIN 12904 standard.

catalogue number	external diameter	pack quantity
038.19.035	35 mm	6 pieces
038.19.043	43 mm	6 pieces
038.19.046	46 mm	6 pieces
038.19.052	52 mm	6 pieces
038.19.060	60 mm	6 pieces
038.19.068	68 mm	6 pieces



CRUCIBLES

"alsint" - "wide & tall form"

► Manufactured from extremely chemical resistant pure 99,7 % aluminium oxide (alsint) resistant to 1700°C.

► In order to prevent breakage controlled cooling and preventing use with direct flame is recommended.

catalogue number	external diameter	height	pack quantity
038.13.A30	30 mm	24 mm	1 piece
038.13.A41	41 mm	37 mm	1 piece
038.13.A48	48 mm	41 mm	1 piece
038.13.A54	54 mm	50 mm	1 piece
038.13.A60	60 mm	50 mm	1 piece
038.13.A66	66 mm	56 mm	1 piece

INCINERATING DISHES "porcelain" - "cylindrical"

► Manufactured from high quality, glazed porcelain.

catalogue number	internal diameter	height	pack quantity
038.21.040	40 mm	21 mm	1 piece
038.21.050	50 mm	25 mm	1 piece
038.21.060	60 mm	31 mm	1 piece

INCINERATING DISHES "porcelain" - "rectangular"

► Manufactured from high quality, glazed porcelain.

catalogue number	dimensions	height	pack quantity
038.20.025	50 x 25 mm	10 mm	1 piece
038.20.046	70 x 46 mm	13 mm	1 piece
038.20.055	100 x 55 mm	16 mm	1 piece



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TUBINGS - "rubber"
"standard type"

- Manufactured from natural rubber with standard thickness of durometer 45 A.
- Guarantees excellent chemical and temperature resistance between -25°C to +70°C.

catalogue number	int. / ext. diameter	wall thickness	pack quantity
052.10.001	5 / 8 mm	1,5 mm	1 meter
052.10.002	5 / 9 mm	2,0 mm	1 meter
052.10.003	6 / 9 mm	1,5 mm	1 meter
052.10.004	6 / 10 mm	2,0 mm	1 meter
052.10.005	7 / 11 mm	2,0 mm	1 meter
052.10.006	8 / 12 mm	2,0 mm	1 meter
052.10.007	10 / 14 mm	2,0 mm	1 meter
052.10.008	12 / 16 mm	2,0 mm	1 meter


TUBINGS - "rubber"
"vacuum type"

- Manufactured from natural rubber with thickness required by vacuum applications with durometer 45 A.
- Guarantees excellent chemical and temperature resistance between -25°C to +70°C.

catalogue number	int. / ext. diameter	wall thickness	pack quantity
052.11.001	6 / 16 mm	5,0 mm	1 meter
052.11.002	7 / 17 mm	5,0 mm	1 meter
052.11.003	8 / 18 mm	5,0 mm	1 meter
052.11.004	10 / 20 mm	5,0 mm	1 meter


TUBINGS - "silicone"
"standard type"

- Manufactured from natural silicone with standard thickness of durometer 45 A.
- Guarantees excellent chemical and temperature resistance between -60°C to +170°C.

catalogue number	int. / ext. diameter	wall thickness	pack quantity
052.12.001	3 / 6 mm	1,5 mm	1 meter
052.12.002	4 / 7 mm	1,5 mm	1 meter
052.12.003	5 / 8 mm	1,5 mm	1 meter
052.12.004	6 / 10 mm	2,0 mm	1 meter
052.12.005	7 / 11 mm	2,0 mm	1 meter
052.12.006	8 / 12 mm	2,0 mm	1 meter
052.12.007	9 / 13 mm	2,0 mm	1 meter
052.12.008	10 / 14 mm	2,0 mm	1 meter


TUBINGS - "PTFE" - standard type

- Manufactured from chemically inert PTFE with excellent mechanical strength.
- Guarantees excellent chemical and temperature resistance between -200°C to +280°C.

catalogue number	int. / ext. diameter	wall thickness	pack quantity
052.13.001	0,5 / 1 mm	0,25 mm	1 meter
052.13.002	1 / 1,5 mm	0,25 mm	1 meter
052.13.003	1 / 2 mm	0,50 mm	1 meter
052.13.004	1,5 / 3,5 mm	1,00 mm	1 meter
052.13.005	2 / 4 mm	1,00 mm	1 meter
052.13.006	3 / 5 mm	1,00 mm	1 meter
052.13.007	4 / 6 mm	1,00 mm	1 meter
052.13.008	6 / 8 mm	1,00 mm	1 meter
052.13.009	8 / 10 mm	1,00 mm	1 meter


SCISSORS - "for hose cutting"

- Offers a clean and sharp cut of all kinds of hoses with external diameter range 6 mm to 25 mm.
- The cutter blade is manufactured from stainless steel with two ends. If one cutting end gets blunt, the other side can be used.

catalogue number	pack quantity
052.08.002	1 piece



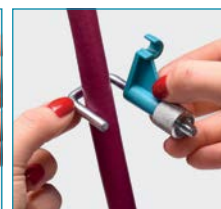
Offers a clean and sharp cut of all kinds of hoses with external diameter range 6 mm to 25 mm.

**TUBING CLAMPS - "click-lock"**

- Manufactured with a stainless steel clamp and HIPS pressure plate for reliable and precise flow control.
- Can be used wherever the flow rates at tubings with liquids and gases need to be regulated or stopped.
- The micro screw system enables a fine and stepless adjusted flow control.
- The clamp can be opened and closed at any position without tiresome screwing.
- The unique construction enables easy mount of the clamp even when the tubing is already connected to a system.
- Adjustable pressure plate compress the tubing over a wide area against the stainless hook in order to prevent damages.



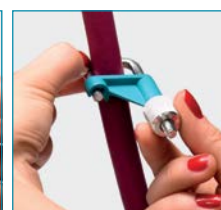
Open the clamp screws



Attach the clamp easily



"Click" the clamp



Regulate the flow

max. hose diameter	blue clamps catalogue no	red clamps catalogue no	orange clamps catalogue no	pack quantity
up to 10 mm	052.15.010B	052.15.010R	052.15.010O	1 piece
up to 15 mm	052.15.015B	052.15.015R	052.15.015O	1 piece
up to 20 mm	052.15.020B	052.15.020R	052.15.020O	1 piece

**TUBING CLAMPS - "hoffman"**

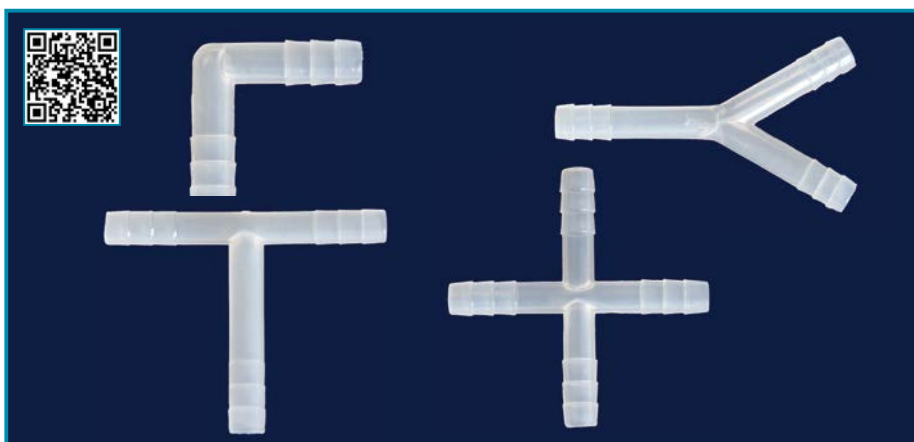
- Manufactured from chrome plated steel for reliable and precise flow control of liquids and gases.
- Can be used wherever the flow rates at tubings with liquids and gases need to be regulated or stopped.
- The swing-open hinged bottom bar enables a fine and stepless adjusted flow control. Variably adjustable up to the total closure of the tubing.
- The unique construction enables easy mount of the clamp even when the tubing is already connected to a system.

catalogue number	for hose	pack quantity
052.17.012	12 mm	1 piece
052.17.020	20 mm	1 piece
052.17.030	30 mm	1 piece

**TUBING CLAMPS - "worm drive"**

- Ideal clamps for safe fastening and securing tubings on pipe systems or to stopcocks.
- Manufactured from chrome steel according to DIN 3017 standard.

catalogue number	for hose Ø (mm)	pack quantity
052.16.012	8-12	1 piece
052.16.016	10-16	1 piece
052.16.020	12-20	1 piece
052.16.025	16-25	1 piece

TUBE CONNECTORS - "L" - "Y" - "T" - "X"

- Manufactured from clear polypropylene for safe connection of tubings with exactly same inner diameter.
- 4 available models provide excellent, leak-proof and multi-functional connection.

ID hose diameters	"L" model catalogue no	"Y" model catalogue no	"T" model catalogue no	"X" model catalogue no	pack quantity
6 mm	052.22.006	052.23.006	052.24.006	052.25.006	1 piece
8 mm	052.22.008	052.23.008	052.24.008	052.25.008	1 piece
10 mm	052.22.010	052.23.010	052.24.010	052.25.010	1 piece

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**STOPPERS**
"rubber"

➤ Manufactured from additive free, best quality natural rubber according to DIN 12871 standard with durometer 40 A.

➤ Guarantees excellent chemical and temperature resistance between -25°C to +70°C.

**STOPPERS**
"silicone"

➤ Manufactured from chemically inert, autoclavable, best quality natural silicone according to DIN 12871 standard with durometer 50 A.

➤ Guarantees excellent chemical and temperature resistance between -60°C to +170°C.

**STOPPERS**
"cork"

➤ Manufactured from non-porous, additive free, best quality natural cork according to DIN 12871 standard dimensions.

➤ Offers multi advantages with their light weight yet robust construction. Can be easily drilled.

**STOPPERS -**
"turn - over flange"

➤ Manufactured from chemically inert, autoclavable, best quality natural silicone.

➤ Guarantees excellent chemical and temperature resistance between -60°C to +170°C.

➤ They provide perfect tight sealing even with poorly finished rims preventing accidental openings.

➤ Offers optional sealing both from inside or outside of the tube wall.

➤ For sampling the upper septum can be easily punctured. Flexible body material reseals.

bottom Ø mm	top Ø mm	height mm	stoppers rubber	stoppers silicone	pack quantity	stoppers cork	pack quantity
3,5	6,5	15,0	051.20.001	051.22.001	10 pcs.	051.23.001	10 pcs.
5,0	9,0	20,0	051.20.002	051.22.002	10 pcs.	051.23.002	10 pcs.
8,0	12,0	20,0	051.20.003	051.22.003	10 pcs.	051.23.003	10 pcs.
10,5	14,5	20,0	051.20.004	051.22.004	10 pcs.	051.23.004	10 pcs.
12,5	16,5	20,0	051.20.005	051.22.005	10 pcs.	051.23.005	10 pcs.
14,0	18,0	20,0	051.20.006	051.22.006	10 pcs.	051.23.006	10 pcs.
17,0	22,0	25,0	051.20.007	051.22.007	10 pcs.	051.23.007	10 pcs.
18,0	24,0	30,0	051.20.008	051.22.008	10 pcs.	051.23.008	10 pcs.
21,0	27,0	30,0	051.20.009	051.22.009	10 pcs.	051.23.009	10 pcs.
23,0	29,0	30,0	051.20.010	051.22.010	10 pcs.	051.23.010	10 pcs.
26,0	32,0	30,0	051.20.011	051.22.011	10 pcs.	051.23.011	10 pcs.
29,0	35,0	30,0	051.20.012	051.22.012	10 pcs.	051.23.012	10 pcs.
31,0	38,0	35,0	051.20.013	051.22.013	10 pcs.	051.23.013	10 pcs.
36,0	44,0	40,0	051.20.014	051.22.014	10 pcs.	051.23.014	10 pcs.
41,0	49,0	40,0	051.20.015	051.22.015	6 pcs.	051.23.015	10 pcs.
47,0	55,0	40,0	051.20.016	051.22.016	6 pcs.	051.23.016	10 pcs.
50,5	59,5	45,0	051.20.017	051.22.017	6 pcs.	051.23.017	10 pcs.
56,0	65,0	45,0	051.20.018	051.22.018	6 pcs.	051.23.018	10 pcs.
60,0	70,0	50,0	051.20.019	051.22.019	6 pcs.	051.23.019	10 pcs.
64,5	75,5	55,0	051.20.020	051.22.020	3 pcs.	051.23.020	10 pcs.
71,0	83,0	60,0	051.20.021	051.22.021	3 pcs.	051.23.021	10 pcs.
79,0	92,0	65,0	051.20.022	051.22.022	3 pcs.	051.23.022	10 pcs.

how to select proper size stopper?

Attached table indicates technical dimensions of NS joints. Please examine the related NS size and select the right stopper from the catalogue list.

Please pay attention to select a larger stopper for perfect closure of the joint.

NS size	total height	diameter narrow end	diameter wide end
10/19	19,00 mm	8,02 mm	10,00 mm
12/21	21,00 mm	10,50 mm	12,50 mm
14/23	23,00 mm	12,17 mm	14,50 mm
19/26	26,00 mm	16,01 mm	18,80 mm
24/29	29,00 mm	20,95 mm	24,00 mm
29/32	32,00 mm	26,12 mm	29,20 mm
34/35	35,00 mm	30,77 mm	34,50 mm



catalogue number	effective diameter	pack quantity
051.26.001	7,1 mm	10 pieces
051.26.002	10,2 mm	10 pieces
051.26.003	12,7 mm	10 pieces
051.26.004	14,9 mm	10 pieces
051.26.005	15,9 mm	10 pieces
051.26.006	19,4 mm	10 pieces
051.26.007	23,7 mm	10 pieces
051.26.008	30,7 mm	10 pieces

STOPPERS - "hallow glass" - "hexagonal"

- Manufactured from borosilicate glass according to DIN 12252.
- Hexagonal flat head prevents the stopper from rolling on the bench and avoids the breakage risk.
- A pointed, round formed "drip-tip" stopper lower end guarantees return of the adhered liquid back to the flasks.

NS size	stoppers clear	pack quantity	stoppers amber	pack quantity
NS 10/19	051.03.001	10 pieces	051.04.001	1 piece
NS 12/21	051.03.002	10 pieces	051.04.002	1 piece
NS 14/23	051.03.003	10 pieces	051.04.003	1 piece
NS 19/26	051.03.004	10 pieces	051.04.004	1 piece
NS 24/29	051.03.005	10 pieces	051.04.005	1 piece
NS 29/32	051.03.006	10 pieces	051.04.006	1 piece
NS 34/35	051.03.007	10 pieces	051.04.007	1 piece

**STOPPERS - "rubber" - "drilled"**

- Manufactured from additive free, best quality natural rubber according to DIN 12871 standard with durometer 40 A.
- The drilled hole offers labour and time saving applications.

catalogue number	bottom Ø mm	top Ø mm	hole Ø mm	pack quantity
051.21.001	10,5	14,5	3,0	1 piece
051.21.002	12,5	16,5	3,0	1 piece
051.21.003	14,0	18,0	3,0	1 piece
051.21.004	17,0	22,0	4,0	1 piece
051.21.005	18,0	24,0	4,0	1 piece
051.21.006	21,0	27,0	5,0	1 piece
051.21.007	23,0	29,0	5,0	1 piece
051.21.008	26,0	32,0	6,0	1 piece
051.21.009	29,0	35,0	6,0	1 piece
051.21.010	31,0	38,0	7,0	1 piece

**STOPPERS
"polyethylene"**

- Manufactured from polyethylene for perfect tight sealing for all NS joints.
- Hexagonal flat head prevents the stopper from rolling on the bench and avoids the breakage risk.

- The hallow form of the stopper head collects the adhered liquid and prevents the possible damage risk of the laboratory benches.

catalogue number	NS size	pack quantity
051.08.010	NS 10/19	10 pieces
051.08.012	NS 12/21	10 pieces
051.08.014	NS 14/23	10 pieces
051.08.019	NS 19/26	10 pieces
051.08.024	NS 24/29	10 pieces
051.08.029	NS 29/32	10 pieces

**CAPS - "polypropylene"**

- Manufactured from polypropylene for perfect and tight closure of GL 45 screw necked laboratory bottles.

- Large ridges on the cap outer surface guarantees for increased grip and fast closure.

- Color coded caps enable fast, easy and practical identification of bottle content.



catalogue number	color	pack quantity
051.09.45R	red	10 pieces
051.09.45Y	yellow	10 pieces
051.09.45B	blue	10 pieces
051.09.45G	green	10 pieces

STOPPERS - "flange" - "polyethylene"

- Manufactured from polyethylene for perfect tight sealing of specially test tubes. Grooved, conical body shape and large size flanges on the stopper perfectly touch to the walls of the tubes and offer the best leak-proof sealing.

catalogue number 13 mm	catalogue number 16 mm	color	pack quantity
051.10.001	051.11.001	clear	100 pieces
051.10.002	051.11.002	dark blue	100 pieces
051.10.003	051.11.003	yellow	100 pieces
051.10.004	051.11.004	red	100 pieces
051.10.005	051.11.005	green	100 pieces

lab consumables & labware

CLING FILM

- Manufactured from PVC based resin with extremely good stretching, and adhesion characteristics. Perfect tool for sealing and wrapping of various labware.
- Offers an easy use and easy for unravel application.
- Stretches and widens up 50% of original length. Clings around the labware and seals labware with leak-proof tightness.
- Waterproof. Chemically inert and resistant to most organic solvents and caustic agents.
- Remains flexible in moderate freezing temperatures. Can resist up to 75°C.



Offers extremely good stretching, and adhesion characteristics. Perfect tool for sealing and wrapping of various labware.

catalogue number	roll width	roll length	foil thickness	pack quantity
058.03.001	300 mm	90 m	0,011 mm	1 piece



SEALING FILM - "parafilm"

- Most common sealing film used in laboratories.
- Manufactured from polioefin and paraffin mixture.
- Guarantees excellent chemical to salt, inorganic and alkaline solutions up to 48 hours and offers temperature resistance between -45°C to +500°C.
- Stretches and widens up 200% of original length.
- Clings around flask necks circumference and seal irregular perimeters of flasks, erlenmeyers, bottles, beakers etc. with leak-proof tightness.
- Also prevents breakage risk of flask neck and spillage of flask contents in case of a tilt over.



Clings around flask neck circumference and seal irregular perimeters of flasks, erlenmeyers, bottles, beakers etc. with leak-proof tightness.

catalogue number	width	length	pack quantity	box quantity
058.01.001	50 mm	75 mt	1 piece	24 pieces
058.01.002	100 mm	38 mt	1 piece	12 pieces





PARAFILM DISPENSER

- Perfect tool for safe and easy cutting of 100 mm and 50 mm width parafilms.
- Keeps the remaining part uneffected from enviromental conditions.
- Can cut one roll of 100 mm or simultaneously 2 rolls of 50 mm width parafilm.
- Manufactured from ABS and featured with a double action cutting blade that silides and cuts.
- The clear hinged lid enables visual control of the remaining parafilm roll.
- Unique design of the blade holder guarantees easy handling.
- The cutting blade can easily slide in both directions providing a clean and uninterrupted cut.
- The cutting blade is embedded in a holding block ensuring finger safety.

dispenser cat. number	dimensions	body color	pack quantity
058.02.001B	120 x 140 x 140 mm	blue	1 piece
058.02.001P	120 x 140 x 140 mm	purple	1 piece
058.02.001R	120 x 140 x 140 mm	ruby	1 piece



Push the cutting mechanism of the dispenser backwards.



Place the parafilm and move the mechanism back to original position.



Pull out the necessary length from dispenser for cutting.



Parafilm is cut with one movement of the blade from side to side.

SPARE CUTTING BLADE

- Unique design of the blade holder guarantees easy handling.
- The cutting blade is embedded in a holding block ensuring finger safety.
- It is recommended that after a certain use period the cutting blade should be exchanged for better cutting performance.



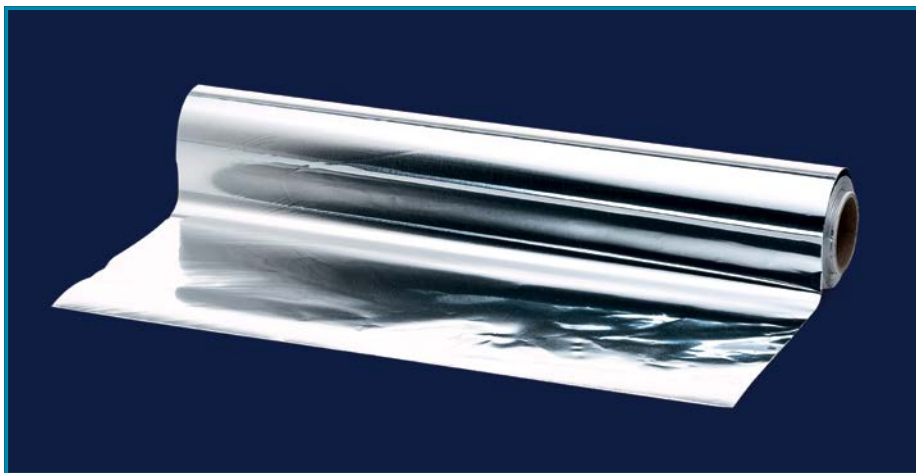
catalogue number	pack quantity
058.02.101	1 piece



The clear hinged lid enables visual control of the remaining parafilm roll and keeps the remaining part uneffected from enviromental conditions.

Parafilm dispenser simultaneously can cut 2 rolls of 50 mm width parafilm.

lab consumables & labware

**FOIL ROLL - "aluminium"**

- Manufactured from polished, pure aluminium sheet for wrapping and sealing of various labware.
- Due to the characteristics also convenient to form temporary containers.
- Offers ideal use during autoclaving, heating, freezing applications.
- Approximate foil thickness is 0,018 mm.

catalogue number	roll width	roll length	pack quantity
058.04.001	300 mm	45 m	1 piece

**FOIL DISPENSER**

- Perfect dispenser to be used for aluminium folios and cling films.
- Easy and safe to use; Place the roll inside the box, press the lid, pull the necessary length out and start cutting.
- An easy and clean cut without waste is guaranteed with sharp cutting teeth.
- Light weight ensures easy handling with one hand.
- Compact design requires limited working space area.

catalogue number	max. roll width	pack quantity
058.02.002	300 mm	1 piece

**ALUMINIUM DISCS**

- Manufactured from polished, pure aluminium sheet in circular form for sealing of beakers, erlenmeyers, flasks and other various labware necks.
- Guarantees perfect, dust-free seal and offers ideal use during autoclaving, heating, freezing applications.
- Discs do not stick to each other since they are interleaved with protective tissue papers.
- Approximate foil thickness is 0,03 mm.

Guarantees perfect, dust-free seal and offers ideal use during autoclaving, heating, freezing applications.



catalogue number	diameter	pack quantity
058.05.080	80 mm	1000 pieces
058.05.100	100 mm	1000 pieces
058.05.125	125 mm	1000 pieces
058.05.150	150 mm	1000 pieces

PEN - "engraving"



Easy to operate; hold the pen tightly on the surface, press the power button, let the tip rotate with high speed and provide a permanent inscription on the surface.

- Offers unlimited application for writing, marking and engraving on almost all surfaces without applying pressure.
- Easy to operate; hold the pen tightly on the surface, press the power button, let the tip rotate with high speed and provide a permanent inscription on the surface.
- The inscriptions and markings will not be effected by chemicals or sunshine and stay forever.
- Cordless battery power enables both indoor and outdoor applications. Operates with 2x"AA" battery which is not supplied with the pen.

catalogue number	pack quantity
099.01.001	1 piece



PENS - "permanent-ink"- "double tip"

- All purpose pens with round fiber tip for labelling, writing, painting on virtually all materials including glass, metal and plastic surfaces.
- Consists of 2 tips at each end. The "fine" tip at one end has 0,6 mm stroke. The "medium" tip at the other hand has 1,5 mm stroke.
- The pen ink is odorless, smudge-proof, and quick drying. Tips do not dry even if left uncapped for prolonged hours.



Supplied as a pack of 3 pens with red, blue and black colors.

catalogue number	pack quantity
099.01.002	set of 3 pens



PENS - "marker"- "double tip"

- All purpose pens with flat fiber tip for marking texts on paper.
- Consists of 2 tips at each end. The "fine" tip at one end has 0,9 mm stroke. The "medium" tip at the other hand has 2,7 mm stroke.
- Airtight pen cap prevents air flow and for extended life cycle.
- Supplied as a pack of 5 pens with purple, blue, green, pink and yellow colors.



Supplied as a pack of 5 pens with purple, blue, green, pink and yellow colors.

catalogue number	pack quantity
099.01.006	set of 5 pens



PENS - "permanent-ink"- "single tip"

- All purpose pens with round fiber tip for labelling, writing, painting on virtually all materials including glass, metal and plastic surfaces.
- Consists of a single tip at one end with 3 mm stroke.
- The pen ink is odorless, smudge-proof, and quick drying. Tip do not dry even if left uncapped for prolonged hours.



Supplied as a pack of 3 pens with blue, red and black colors.

catalogue number	pack quantity
099.01.003	set of 3 pens

lab consumables & labware

SEALING TAPE - "for petri dishes"



- Perfect tool to protect petri dish interior contents. Stretches and widens up 50% of original length.
- Clings around the petri dish body and seals irregular perimeters of petri dishes.
- Waterproof. Chemically inert and resistant to most organic solvents and caustic agents.
- Remains flexible in moderate freezing temperatures. Can resist up to 100°C.

catalogue number	tape width	pack quantity
058.07.001	19 mm	1 piece

SEALING TAPE - "reinforced"



1- Reinforced Kraft Paper tape: With reinforced layer with fiberglass lamination for excellent resistance to abrasion while transporting. Can adhere to any surface due to the strong adhesive backsurface. Suitable for heavy duty packaging, bundling etc.

2- Reinforced Aluminium tape: Made with layers of aluminum, fiberglass yarn and Kraft paper. Resistant to U.V degradation, flame, moisture, many chemicals. Can adhere to any surface due to the strong adhesive backsurface. Also suitable for heat/cold reflective wrap along or over insulation, wrapping any product for protection against heat, water, dust and chemicals.

catalogue number	tape name	tape width	tape length	pack quantity
099.04.004	Kraft	60 mm	50 mt	1 roll
099.04.005	Aluminum	50 mm	20 mt	1 roll



CUTTING TOOL - "for tapes"

➤ A practical cutting tool for all mentioned tapes in this page.

➤ Practical to use. Easy to handle. Just place the tape in position and start using immediately.

catalogue number	pack quantity
099.04.001	1 piece

SAFETY LABELS -
"GHS pictograms"

By using GHS pictograms you can label all dangerous and hazardous products in your lab and avoid injuries.

"DANGER" word indicates a hazardous situation which if, not avoided will result in death or serious injury.

"WARNING" word indicates a hazardous situation which if, not avoided will result in serious injury.

➤ Each pictogram is defined with four (German / English / French / Spanish) languages. Supplied as rolls of 250 stickers packed in a dispenser box for practical use.



GHS 01
explosive
warning
danger



GHS 02
flame
warning
danger



GHS 03
oxidizing
warning
danger



GHS 04
gas cylinder
warning



GHS 05
corrosive
warning
danger



GHS 06
toxicity
danger



GHS 07
irritation
warning



GHS 08
health hazardous
warning
danger



GHS 09
environment hazardous
warning

➤ Designed for easy identification of materials with the universally applicable hazard symbols.

➤ Manufactured from 100 µm glossy PE film with acrylic resin adhesive back.

➤ Expands and retracts together with temperature fluctuations and guarantees always a strong adhesive bond.

➤ Chemically inert, water proof, moisture and most solvents and caustic agents. Can be used between - 20°C to + 80°C temperature range.

➤ Adheres to any clean surface including PTFE coated surfaces without cracking, peeling and degrading. Peels off without leaving any sticky residue.

product type	signal word	label size 26x37 mm	label size 37x52 mm
GHS 1	warning	099.11.001	099.11.003
GHS 1	danger	099.11.002	099.11.004
GHS 2	warning	099.12.001	099.12.003
GHS 2	danger	099.12.002	099.12.004
GHS 3	warning	099.13.001	099.13.003
GHS 3	danger	099.13.002	099.13.004
GHS 4	warning	099.14.001	099.14.003
GHS 5	warning	099.15.001	099.15.003
GHS 5	danger	099.15.002	099.15.004
GHS 6	danger	099.16.002	099.16.004
GHS 7	warning	099.17.001	099.17.003
GHS 8	warning	099.18.001	099.18.003
GHS 8	danger	099.18.002	099.18.004
GHS 9	warning	099.19.001	099.19.003

TAPES - "for labelling" - "roll"

- Manufactured from colored paper with special resin adhesive that resists to moisture and most solvents.
- Can be used between -5°C to + 110°C temperature range. Also with stands steam autoclaving cycle and gamma irradiation.
- Adheres to any clean surface including PTFE coated surfaces and peels off without leaving any sticky residue.
- Accepts writing from almost all pen types such as pencil, ball point pen, solvent ink marker etc.
- Markings remain absolutely legible under the most demanding laboratory conditions.
- Supplied as white color or as "rainbow pack" pack of 6 different colors matching the universal hazard color codes. (yellow for chemical reactivity / blue for health hazards / green for safety / red for flammability / orange tape for biohazard and white for general purpose.)

catalogue number	tape width	tape length	tape color	box quantity
099.02.001	19 mm	30 meter	rainbow colors	set of 6 rolls
099.02.011	19 mm	30 meter	white	1 roll

TAPE DISPENSER

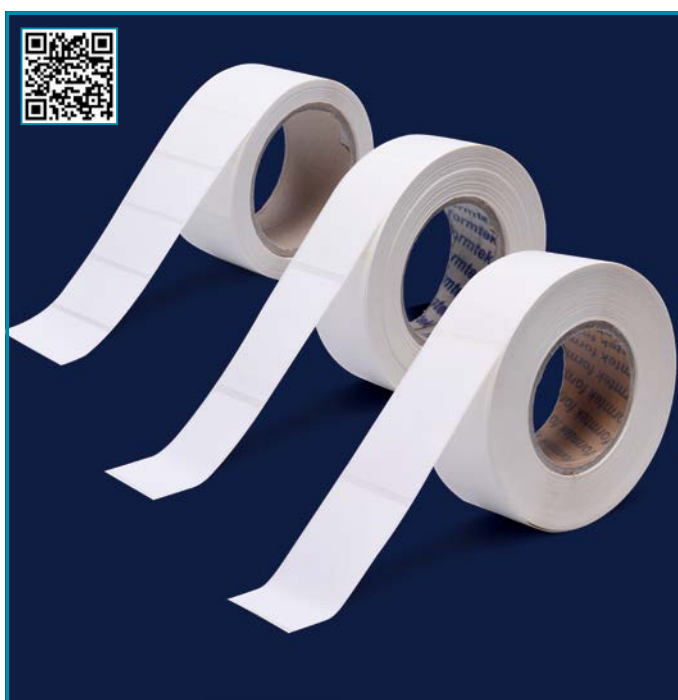
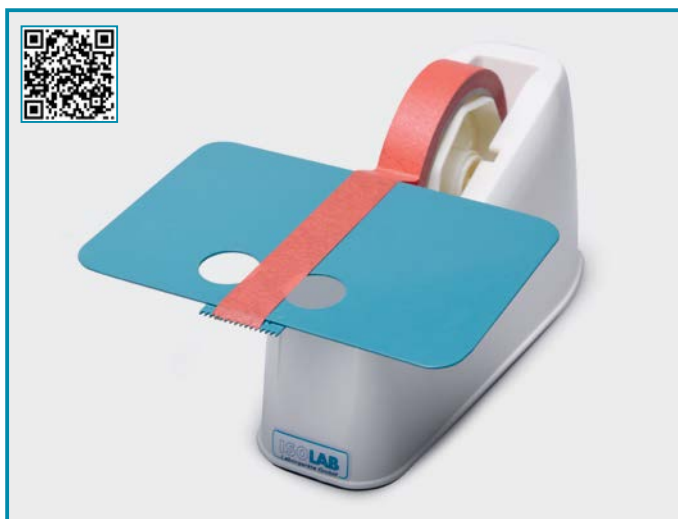
- Suitable for holding and releasing the tape to be cut to users desire.
- The core perfectly fits to the inner diameter of the tape and keeps the tape rigidly.
- Platform includes a writing surface. Finger holes on the platform enable quick release of the tape and accelerate the cutting step.
- Featured with a cut-off edge for efficient cutting of the tape.
- A weighted base with non-skid pads prevent sliding or lifting.
- Over all dimensions: 155x250x100 mm.
- Cutting platform dimensions: 155x110 mm.

catalogue number	pack quantity
099.02.002	1 piece

LABELS - "rectangular form"

- Manufactured from polypropylene flexible paper with acrylic resin adhesive back.
- This unique combination expands and retracts together with temperature fluctuations and guarantees always a strong adhesive bond.
- Chemically inert, resists to water, moisture and most organic solvents and caustic agents. Can be used between -96°C to +121°C temperature range. Also withstands steam autoclaving cycle and gamma irradiation.
- Adheres to any clean surface including PTFE coated surfaces without cracking, peeling and degrading. Peels off without leaving any sticky residue.

catalogue number	label length	label width	label color	roll quantity	pack quantity
099.03.050	30 mm	50 mm	white	1000 labels	1 roll
099.03.072	72 mm	40 mm	white	1000 labels	1 roll
099.03.090	90 mm	50 mm	white	1000 labels	1 roll



lab consumables & labware



LABEL - "circular form"

- Manufactured from polyfiber grade flexible paper with acrylic resin adhesive back.
- This unique combination expands and retracts together with temperature fluctuations and guarantees always a strong adhesive bond.
- Chemically inert, resists to water, moisture and most organic solvents and caustic agents. Can be used between -196°C to +80°C temperature range.
- Adheres to any clean surface including PTFE coated surfaces without cracking, peeling and degrading. Peels off without leaving any sticky residue.
- Recommended to be used on tube caps with different diameters. Supplied as rolls packed in a dispenser box for practical use.
- Supplied as white color or as "rainbow pack" pack of 6 different colors matching the universal hazard color codes. (yellow for chemical reactivity / blue for health hazards / green for safety / red for flammability / orange tape for biohazard and white for general purpose.)



"rainbow pack offers 6 different colors"

catalogue number	label diameter	recommended for	label color	roll quantity	pack quantity
099.05.009	9,5 mm	0,5 ml tubes	white	1000 labels	1 roll
099.05.109	9,5 mm	0,5 ml tubes	rainbow pack	1000 labels	6 rolls
099.05.013	13 mm	1,5 & 2,0 ml tubes	white	1000 labels	1 roll
099.05.113	13 mm	1,5 & 2,0 ml tubes	rainbow pack	1000 labels	6 rolls
099.05.019	19 mm	15 ml tubes	white	500 labels	1 roll
099.05.025	25 mm	50 ml tubes	white	500 labels	1 roll



LABEL DISPENSER

- Perfect organizer for fast and efficient use of labels. Manufactured from clear acrylic and holds 6 label box.
- Drop the label box in the label dispenser and feed the paper through the slot.
- The writing surface enables easy and clean writing on the label. The sharp cutting edge helps to tear off the labels.
- A weighted base with non-skid pads prevent sliding or lifting.
- Supplied without pen.

catalogue number	pack quantity
099.50.001	1 piece



LABEL REMOVAL

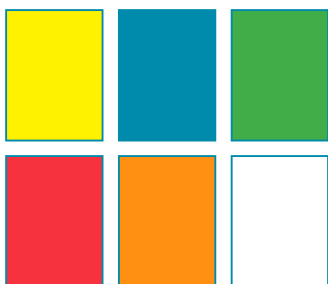
- A perfect tool for effortless removal self adhesive labels.
- It works on the adhesive and quickly and gently dissolves adhesive of the label without leaving the sticky residue of the adhesive on the surface.
- Can be used on glass, porcelain, metal, wood, cardboard and some plastic surfaces.
- Not recommended to be used with polystyrene.

catalogue number	pack quantity
099.60.001	1 piece



LABELS - "rectangular form"

- Manufactured from polyfiber grade flexible paper with acrylic resin adhesive back.
- This unique combination expands and retracts together with temperature fluctuations and guarantees always a strong adhesive bond.
- Chemically inert, resists to water, moisture and most organic solvents and caustic agents.
- Can be used between -40°C to +121°C temperature range.
- Also withstands steam autoclaving cycle and gamma irradiation.
- Adheres to any clean surface including PTFE coated surfaces without cracking, peeling and degrading. Peels off without leaving any sticky residue.
- Recommended to be used on flat or round surfaces with different diameters.
- Supplied as 1000 label rolls packed in a dispenser box for practice use.



"rainbow pack offers 6 colors"

catalogue number	label dimensions	recommended tube volume	label color	pack quantity
099.06.024	24x13 mm	0,5 ml	white	1 roll
099.06.124	24x13 mm	0,5 ml	rainbow pack	6 rolls
099.06.033	33x13 mm	1,5 & 2,0 ml	white	1 roll
099.06.133	33x13 mm	1,5 & 2,0 ml	rainbow pack	6 rolls
099.06.038	38x19 mm	general purpose	white	1 roll

Supplied as white color or as "rainbow pack" pack of 6 different colors matching the universal hazard color codes. (yellow for chemical reactivity / blue for health hazards / green for safety / red for flammability / orange tape for biohazard and white for general use).



LABELS - "rectangular form"

- Manufactured from polyfiber grade flexible paper with acrylic resin adhesive back.
- This unique combination expands and retracts together with temperature fluctuations and guarantees always a strong adhesive bond.
- Chemically inert, resists to water, moisture and most organic solvents and caustic agents.
- Can be used between -196°C to +80°C temperature range.
- Also with stands gamma irradiation.
- Adheres to any clean surface including PTFE coated surfaces without cracking, peeling and degrading. Peels off without leaving any sticky residue.
- Recommended specially to be used with cryo vials or on any flat or round surface.
- Supplied as 1000 label rolls packed in a dispenser box for practice use.

catalogue number	label dimensions	recommended tube volume	label color	pack quantity
099.07.033	33x13 mm	1,5 & 2,0 ml	white	1 roll
099.07.038	38x19 mm	general purpose	white	1 roll

GHS pictograms can be selected from catalogue page no 74.



lab consumables & labware

BAGS - "autoclavable" - "plain"



- Manufactured from a special grade of polypropylene with high tear and puncture resistance.
- Commonly used for safe disposal of contaminated laboratory waste such as used petri dishes, test tubes, sample vials, cultureware and other biohazardous products.
- Also offers an alternative for storing and transportation of various products.
- Can resist pressure differences during autoclaving.
- Bags should be left open during autoclaving.
- Strong side seams stand safe under pressure or weight and guarantee safe holding of bag content.

catalogue number	bag type	width x height	pack quantity
039.30.001	plain	200 x 300 mm	100 pieces
039.30.002	plain	300 x 600 mm	100 pieces
039.30.003	plain	400 x 700 mm	100 pieces
039.30.004	plain	590 x 890 mm	100 pieces
039.30.005	plain	690 x 1100 mm	100 pieces

BAGS - "autoclavable" - "imprinted"



- Manufactured from a special grade of polypropylene with high tear and puncture resistance.
- Commonly used for safe disposal of contaminated laboratory waste such as used petri dishes, test tubes, sample vials, cultureware and other biohazardous products.
- Also offers an alternative for storing and transportation of various products.
- Can resist pressure differences during autoclaving.
- Bags should be left open during autoclaving.
- Strong side seams stand safe under pressure or weight and guarantee safe holding of bag content
- On the bag surface a large writing area and necessary warnings are imprinted.

catalogue number	bag type	width x height	pack quantity
039.20.001	imprinted	320 x 640 mm	50 pieces
039.20.002	imprinted	420 x 600 mm	50 pieces
039.20.003	imprinted	555 x 745 mm	50 pieces

BAG STAND
"adjustable height"

- Manufactured from stainless steel for use with the bags with catalogue no **039.30.001**.
- Ideal for disposal of small objects during daily use at laboratories.
- Due to it's compact size bag stand does not cover space on the laboratory bench.
- The height of the stand is adjustable with the help of adjusting screw.

catalogue number	stand diameter	pack quantity
062.30.002	125 ± 5 mm	1 piece



**BAGS - "with wire closure" - "sterile"**

- Manufactured from clear and thick polyethylene to be used with chemical, medical, food, biological samples of liquid, powder, solid and paste form.
- With their exceptionally transparent, odour-tight, tear-proof and leakproof properties they offer alternative solutions to laboratory bottles and other flasks.
- Sterilized with gamma irradiation, **free of RNase, DNase, and pyrogene**. Can be frozen to -80°C.
- Unique metal closure system guarantees leak-proof closure preventing odors and any leakage to exterior environment.
- Write-on white patch offers a practical area for writing specific marks and notes.

catalogue number	volume	width x height	wall thickness	wire thickness	packing specifications
039.21.001	60 ml	76 x 127 mm	70 microns	0,5 mm	500 pcs / pack - 1000 pcs / case
039.21.002	120 ml	76 x 178 mm	70 microns	0,5 mm	500 pcs / pack - 1000 pcs / case
039.21.003	540 ml	114 x 229 mm	70 microns	0,5 mm	500 pcs / pack - 1000 pcs / case
039.21.004	720 ml	140 x 229 mm	90 microns	0,5 mm	500 pcs / pack - 1000 pcs / case
039.21.005	1650 ml	180 x 300 mm	100 microns	0,5 mm	250 pcs / pack - 1000 pcs / case

**BAGS - "with zip-lock" - "with write - on patch"**

- Manufactured from clear and robust polyethylene to be used with chemical, medical, food, biological samples of liquid, powder, solid and paste form.
- Non-sterile, ideal for dust-free storing, collecting, protecting and shipping of specimens and samples.
- Write - on white patch offers a practical area for writing specific marks and notes.
- Rim channel seal can be opened and closed repeatedly with the guarantee of leak-proof closure.

catalogue number	w x L (mm)	pack quantity
039.08.100	70x100	100 pieces
039.08.150	100x150	100 pieces
039.08.220	150x220	100 pieces
039.08.300	200x300	100 pieces

**BAG LOCKS**

Offers very tight sealing of the bags. Can be opened again once closed.

- Manufactured from a special grade of polypropylene for quick closing of the bags.
- Unique design enables damage free opening and multiple use of the same bag lock.



catalogue number	length	width	pack quantity
039.34.105	105 mm	2,5 mm	100 pieces
039.34.150	150 mm	2,5 mm	100 pieces



Color coded in 4 different colors for fast and easy identification.

BAG LATCHES

- Manufactured from a special grade of polypropylene for quick closing of the bags. Practical closing system guarantees perfect and tight closure of the bags.

catalogue number	length	width	pack quantity
039.35.075	75 mm	15 mm	4 pieces
039.35.145	145 mm	15 mm	4 pieces
039.35.200	200 mm	15 mm	4 pieces

lab consumables & labware

BAGS - "homogenization" - "sterile"

- Manufactured from polyethylene. Specially designed for fast and effective crushing of solid samples to the liquid phase.
- Sterilized with gamma irradiation, **free of RNase, DNase, and pyrogene.**
- Even at low temperatures they maintain the stability of the specimen's microbiological status.
- While working with infectious samples, bags can be sealed by any ordinary bag sealer to prevent the escape of aerosols.
- **Alternative 3 products:**
 - Bag without filter
 - Bag with side filter
 - Bag with full filter

bag with no filter



Bags without filter are generally used for standard and common practises.

bag with side (lateral) filter



Bags with side (lateral) filter divides the bag in 2 non-equal compartments. They are suitable for small samples such as PCR applications.

bag with full (page) surface filter



Bags with full (page) filter divides in 2 equal compartments. Solid sample remains in it's side, while the liquid phase moves to the other side.

catalogue number	bag type	volume	width x height	wall thickness	pore size	packing specifications
039.23.003	no filter	400 ml	190 x 300 mm	70 microns	-	50 pcs / pack - 500 pcs / case
039.23.002	side filter	400 ml	190 x 300 mm	70 microns	< 250 microns	50 pcs / pack - 500 pcs / case
039.23.001	full filter	400 ml	190 x 300 mm	70 microns	< 280 microns	50 pcs / pack - 500 pcs / case

ACCESSORIES - "for homogenization bags"

➤ **BAG STAND - "stainless steel":** Manufactured from AISI 304 grade stainless steel for hanging homogenization bags.

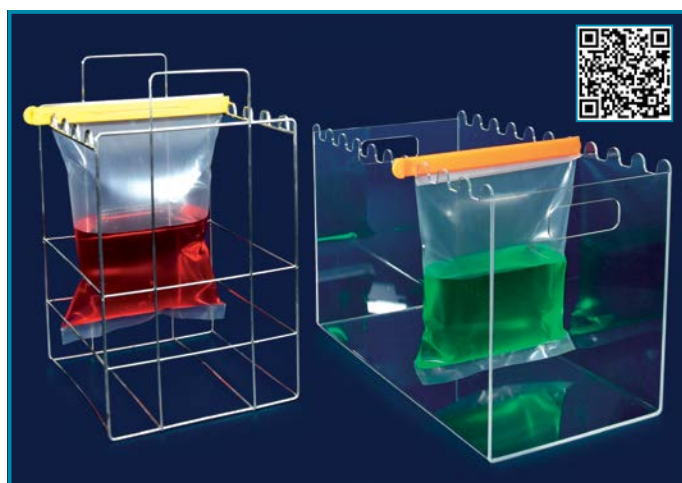
➤ Can carry 4 homogenisation bags of any type.

catalogue number	pack quantity
608.01.101	1 piece

➤ **BAG STAND - "acrylic":** Manufactured durable acrylic for hanging homogenisation bags.

➤ Can carry 10 homogenisation bags of any type.

catalogue number	pack quantity
608.01.102	1 piece



BAG LATCHES

➤ **BAG LATCHES:** Manufactured from a special grade of polypropylene for quick closing of the bags. Practical closing system guarantees perfect and tight closure of the bags.

➤ Color coded in 4 different colors for fast and easy identification.

catalogue number	pack quantity
039.35.200	set of 4

