

■ Re-usable, 13 mm Syringe Filter Holders

for the Ultracleaning of Small Volumes up to about 10 ml

PTFE Holder for Solvents and Chemicals

Made completely of PTFE, this holder is unaffected by chemicals and contains no trace elements which could be released into the liquid being filtered. It is therefore extremely well suited for particle removal from samples and reagents for analytical methods, such as NMR samples. Other benefits of this application are the low hold-up volume, the easy cleaning and the drying at a temperature of 180 °C. The construction of the holder ensures leak proof sealing without a sealing ring, and avoids twisting of the membrane filter when the top is tightened onto the base.



□ Technical Specifications

Connectors	Female Luer Lock inlet, luer slip outlet
Chemical compatibility	As for PTFE
Filtration area	0.5 cm ²
Materials	PTFE top and bottom parts
Max. operating pressure	5 bar 500 kPa 72.5 psi
Membrane filter diameter	13 mm
Sterilization	By autoclaving (max. 134 °C) or by dry heat (max. 180 °C)
Hold-up volume	Less than 0.03 ml after overcoming the bubble point (0.3 ml before)

□ Ordering Information

Order number	Description
16574	13 mm PTFE Syringe Filter Holder

Polycarbonate Holder for Aqueous Solutions

This inexpensive filter holder is made of clear, autoclavable polycarbonate. The silicone gasket enables a leak-free filtration at pressures of up to 7 bar by simply manually screwing it together. Filter supports in the top and bottom parts allow filtration in either direction.



□ Technical Specifications

Connectors	Female Luer Lock inlet, luer slip outlet
Chemical compatibility	As for polycarbonate and silicone
Filtration area	0.5 cm ²
Materials	Polycarbonate top and bottom part, silicone gasket
Max. operating pressure	7 bar 700 kPa 101.57 psi
Membrane filter diameter	13 mm
Sterilization	By autoclaving at 121 °C
Hold-up volume	Less than 0.2 ml after overcoming the bubble point (0.3 ml before)

□ Ordering Information

Order number	Description
16514-----E	13 mm Polycarbonate Syringe Filter Holder, pack of 12
6980569	Silicon gasket, 10 × 14.9 mm, pack of 10

Re-usable 25 mm Syringe Filter Holders

for the Ultracleaning and Sterilizing Filtration of Volumes of up to about 100 ml

Stainless Steel Holder for Solvents and Chemicals

Made of stainless steel, this holder is heat-resistant, and the chemical compatibility depends only on the inserted filter type. The top part can easily be mounted on the bottom part using the enclosed tightening tool. Filter supports in the top and bottom parts allow filtration in either direction.



Technical Specifications

Connectors	Female Luer Lock inlet, luer slip outlet
Chemical compatibility	As for stainless steel
Filtration area	3 cm ²
Materials	Stainless steel (1.4305) top and bottom parts
Max. operating pressure	7 bar 700 kPa 101.5 psi
Membrane filter diameter	25 mm
Sterilization	By autoclaving (max. 134 °C) or by dry heat (max. 180 °C)
Hold-up volume	Less than 0.1 ml after overcoming the bubble point (0.3 ml before)

Ordering Information

Order number	Description
16214	25 mm Stainless Steel Holder
6980595	Tightening tool, Polyman 24/5

Polycarbonate Holder for Aqueous Solutions

This inexpensive filter holder is made of clear, autoclavable polycarbonate. The silicone gasket enables a leak-free filtration at pressures of up to 7 bar by simply manually screwing it together. Filter supports in the top and bottom parts allow filtration in either direction.



Technical Specifications

Connectors	Female Luer Lock inlet, luer slip outlet
Chemical compatibility	As for polycarbonate and silicone
Filtration area	3 cm ²
Materials	Polycarbonate top and bottom parts, silicone gasket
Max. operating pressure	7 bar 700 kPa 101.5 psi
Membrane filter diameter	25 mm
Sterilization	By autoclaving at 121 °C
Hold-up volume	Less than 0.3 ml after overcoming the bubble point (0.6 ml before)

Ordering Information

Order number	Description
16517-----E	25 mm Polycarbonate Syringe Filter Holder, pack of 12
1EDS-D0053	Silicone gasket, 20 × 25 mm, pack of 10



■ Polycarbonate In-Line Filter Holder

for the Filtration of Liter Volumes of Aqueous Solutions

This holder is made of stable, autoclavable polycarbonate. This practical holder is suitable for many simple laboratory filtrations. It can be connected to a peristaltic pump or a pressure container. The bell-shaped base protects the filtrate from repeated contamination while flowing in a receiver. The holder is characterized by an excellent resistance to pressure and density setting by simply hand-tightening. The transparent top part allows the visual control of the correct fit of the O-ring. The hose nipples can be replaced by luer connectors to use it as a large area syringe filter holder.



□ Technical Specifications

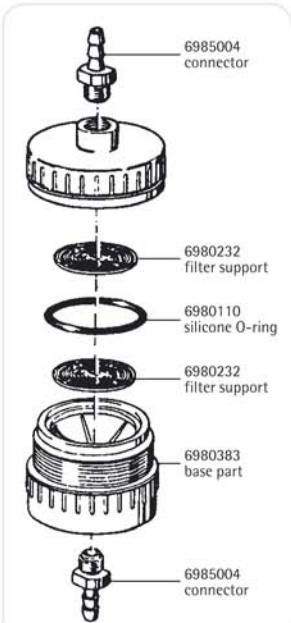
Specifications

Chemical compatibility	As for polycarbonate, polypropylene and silicone
Filtration area	12.5 cm ²
Weight	83 g
Threads for connectors	M 12 × 1 female thread
Materials	Polycarbonate top part, base part and hose nipple, polypropylene filter support, silicone O-ring (40 × 5 mm)
Max. operating pressure	7 bar 700 kPa 101.5 psi
Suitable membrane filter diameter	50 mm (40 mm prefilter)
Sterilization	By autoclaving at 121 °C The material withstands repeated cycles, provided aggressive cleaning agents are completely washed off and that the boiler water does not contain anti-corrosive or anti-scaling additives.

□ Ordering Information

Order number	Description
16508-----B	Polycarbonate in-line filter holder for 50 mm membrane filter, pack of 5.

Replacement parts are shown in the diagram.



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