

47 mm Magnetic Filter Funnels

Unique magnetic seal allows easy vacuum filtration of liquids with one hand



- No-leak magnetic seal allows one-hand operation.
- Polyphenylsulfone construction is compatible with anti-foaming agents and many other solvents.
- Convenient. 150 mL size allows for easy fit into small autoclaves, and 500 mL size is ideal for filtration of large samples.
- Sturdy and safe. Polyphenylsulfone construction provides durability and added safety at a cost less than most glass funnels.
- Easy filter retrieval with forceps access point.
- Graduated at 50 mL increments for accurate sample measurement.

Applications

- Use for the MF Technique.
- Municipal water treatment testing.
- Surface water analysis.
- Plant process water testing.
- Drinking water analysis.

Specifications

Materials of Construction

Funnel Body, Stem, Lid:
Polyphenylsulfone
Vent Plugs: Polypropylene
Support Screen: Polyphenylsulfone

Effective Filtration Area

150 and 300 mL: 9.6 cm², 35 mm effective diameter
500 mL: 13.1 cm², 41 mm effective diameter

Dimensions

Overall Height:
150 mL: 17.8 cm (7.0 in.)
300 mL: 22.9 cm (9 in.)
500 mL: 19.6 cm (7.7 in.)
Maximum Diameter:
150 mL and 300 mL: 7.6 cm (3 in.)
500 mL: 8.9 cm (3.5 in.)

Filter Size

Accepts 47 mm filter

Funnel Capacity

150, 300, or 500 mL

Outlet Connection

Stem fits into standard one-hole stopper

Maximum Operating Temperature

Limited by filter or 121 °C (250 °F)

Sterilization

Provided non-sterile; withstands multiple autoclavings* at 121 - 123 °C (250 -253 °F) at 1.0 bar (100 kPa, 15 psi) for 15 -20 min; UV sterilizable.

**Repeated use of detergents containing polyoxyethylated alkyl phenols and alcohols, and/or anti-corrosion, anti-scaling boiler additives that may carry over in steam, may cause polyphenylsulfone to crack, thereby reducing the life of the product. Do not autoclave rubber stoppers. Do not autoclave with aluminum foil; use autoclave paper. Consult Pall Technical Service if using with thin membranes such as track-etched material.*

Ordering Information

47 mm Magnetic Filter Funnels

Part Number	Description	Pkg
4247	150 mL capacity	1/pkg
4242	300 mL capacity	1/pkg
4241	300 mL capacity, with lid	1/pkg
4238	500 mL capacity	1/pkg

Replacement Parts

Part Number	Description	Pkg
4235	Stainless steel support screen	1/pkg
87264	Support screen, polyphenylsulfone	1/pkg
4244	Base, without support screen	1/pkg
4246	Lid kit (for 300 mL funnel only)	1/pkg
4248	150 mL funnel housing	1/pkg
4243	300 mL funnel housing	1/pkg
4254	500 mL funnel housing	1/pkg

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