

In-Line and Syringe Filter Holders

Advantec® Polypropylene Holders

Use these polypropylene (PP) holders for ultracleaning and sterilizing liquids under pressure, or for aseptic sampling of liquids and gases. Maximum operating temperature (liquids) is 176°F (80°C); maximum operating pressure is 42 psi (2.9 bar) for the 25-mm holder and 71 psi (4.8 bar) for the 47-mm holder.

Holders feature PP dual support screens and silicone O-rings. Dual support screens allow for flow in both directions. Assemble holders quickly and efficiently without membrane tears with the specially designed inlet cap and exterior lock.

The 25-mm holder features a female luer-lock on the inlet and a male luer-slip on the outlet. The 47-mm holder features a 1/4" NPT(M) thread on the inlet and a 1/4" NPT(M)-female luer-slip on the outlet. Both are autoclavable.



06623-22



06623-32

Type of holder	Diameter	Catalog number	Qty/pk	Price/pk
Syringe	25 mm	GH-06623-32	6	
In-line	47 mm	GH-06623-22	1	

[GH-02930-95 Support screen](#), 25 mm. Pack of 8

[GH-06645-90 Support screen](#), 47 mm. Pack of 4

Advantec® PFA Filter Holders

Use the PFA holders with chemically aggressive liquids. Dual support screens allow for flow in either direction. Exterior locking ring lets you quickly assemble without tearing the membrane. They are ideal for sterilizing and filtering ultra clean liquids under positive pressure and filtering small volumes of high-purity acids, alkalis or organic solvents. Body and support screens of the filters are made of PFA; the O-ring is made of perfluoroelastomer.



06644-60

The 25-mm holder features a female luer lock on the inlet and male luer slip on the outlet. The 47-mm holder has an air/bleed vent and combination 1/4" NPT(M) and 1/4" OD tubing adapter connections. Maximum operating temperature is 250°F (121°C). Autoclavable.

Type of holder	Membrane diameter		Filtration area	Catalog number	Price/ea
	Filter	Prefilter			
Syringe	25 mm	21 mm	3.5 cm ²	GH-06644-60	
In-line	47 mm	42 mm	13.5 cm ²	GH-06644-62	

PFA In-Line Filter Holders

Nonwetting and nonsticking filter holder is suitable for organic solvents, acids, alkalis, or high-purity filtration. Temperature range is -320 to 500°F. Withstand up to 65 psi.

Change filter without disconnecting tubing with Tefzel® ETFE clamp nut. Prefiltering reservoir creates fluid turbulence to slow membrane clogging. PFA support grid snaps out easily for cleaning. Ferruled nuts accept 1/4" OD PTFE or PFA tubing.



06103-14

Type of holder	Diameter	Catalog number	Price/ea
In-line	47 mm	GH-06103-13	
	50 mm	GH-06103-14	

[GH-06103-23 Wrench set](#). Set of two wrenches for assembly/disassembly of PFA filter holders

PTFE Membranes for filter holder 06103-14 above. Fibrous, porous structure with 50-mm diameter for screen- and depth-type filtration.

Porosity	Thickness	Catalog number	Price/pk of 10
20 to 30 µm	4.8 mil	GH-06621-10	
5 to 6 µm	5.6 mil	GH-06621-20	
1 to 2 µm	10 mil	GH-06621-30	

Advantec® Sanitary Stainless Steel In-Line Filter Holders

These sanitary stainless steel (SS) holders are for liquid and gas applications. Use for point-of-use filtration on sterile filling machines, and for lab or pilot-scale sterile filtration applications. The sanitary inlet and outlet connections are nonthreaded and easily disassembled for thorough cleaning.

The 47-mm holder features a vent for air release on the upstream side of the membrane at any time. Body and support screen are 304 SS with PTFE gasket and silicone O-ring. Max pressure at inlet is 71 psi (4.9 bar).



06643-51



06643-53

Type of holder	Diameter	Filtration area	Catalog number	Price/ea
Sanitary in-line	25 mm	3.8 cm ²	GH-06643-51	
	47 mm	12.5 cm ²	GH-06643-53	

Advantec® Stainless Steel Filter Holders

These filter holders have bodies and perforated support screens of 304 SS with PTFE gaskets and silicone O-rings. Autoclave with membrane in place.

Syringe holders have luer fittings. Maximum pressure for 13- and 25-mm syringe holders is 99 psi inlet, 42 psi differential. Maximum pressure for 25- and 47-mm in-line holders is 71 psi inlet, 29 psi differential.

In-line holders have 1/4" NPT(F) and 1/4" NPT(M) ports and are supplied with 3/8" hose barb connectors. All holders include two perforated 304 SS support screens. Open holders without disconnecting lines.



02928-20



02929-10

Type of holder	Diameter	Catalog number	Price/ea
Syringe	13 mm	GH-02928-10	
Syringe	25 mm	GH-02928-20	
In-line	25 mm	GH-02929-10	
	47 mm	GH-02929-20	

Polycarbonate Filter Holders

These reusable holders are designed for the filtration of aqueous solutions. Made of clear, autoclavable polycarbonate with silicone gasket or O-rings. The bell-shaped base protects the filtrate from repeated contamination while flowing into the receiver. Maximum operating pressure is 101 psi.

Model 29550-44 has hose nipples which can be replaced by luer connectors to use it as a large-area syringe filter holder.



29550-44



29550-40

Dia	Filtration area	Connection	Catalog number	Qty/pk	Price/pk
13 mm	0.5 cm ²	Female luer lock	GH-29550-40	12	
25 mm	3 cm ²	inlet, luer slip outlet	GH-29550-42	12	
50 mm†	12.5 cm ²	M 12 x 1 female thread	GH-29550-44	5	

†Prefilter is 40 mm.

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