



Open-face Filter Holders

Description

Lightweight, Corrosion-Resistant Filter Holders for Routine Air Sampling

- ▶ 25 mm holder is autoclavable. Can be used for bacterial monitoring and particulate analysis.
- ▶ 37 and 47 mm holders include a plastic cap that protects samples after filtration.



Application

- ▶ 25 mm holder is designed for clean room sampling and collection of breathing-zone air samples.
- ▶ 37 and 47 mm holders can be used for trapping airborne particles, fluorescent tracers, and other contaminants.

Specifications

Materials of Construction

- ▶ Holder
 - 25 mm: Delrin (acetal resin)
 - 37 and 47 mm: Aluminum
 - Hose Barb Adapter: Nylon
- ▶ Support Screen
 - 25 mm: Type 316 stainless steel
 - 37 and 47 mm: Type 304 stainless steel
 - O-Ring: Viton
 - Cap, 37 and 47 mm: Polyethylene

Effective Filtration Area

- ▶ 25 mm: 3.7 cm²
- ▶ 37 mm: 4.9 cm²
- ▶ 47 mm: 9.6 cm²

Dimensions

- ▶ Overall Length
 - 25 mm: 2 cm (0.8 in.)
 - 37 and 47 mm: 2.4 cm (0.9 in.)
- ▶ Diameter
 - 25 mm: 3.5 cm (1.4 in.)
 - 37 mm: 4.4 cm (1.7 in.)
 - 47 mm: 5.4 cm (2.1 in.)

Inlet/Outlet Connections

- ▶ 1/8 in. -27 FNPT; includes 6.4 mm (1/4 in.) ID hose barb adapter

Sterilization

- ▶ Provided non-sterile. Autoclavable if desired at 121 - 123 °C (250 - 253 °F) at 1.0 bar (100 kPa, 15 psi) for 15 - 20 min . Polyethylene cap not autoclavable.

Related Products

- ▶ [PVDF Membrane Disc Filters](#)
- ▶ [GH Polypro \(GHP\) Membrane Disc Filters](#)
- ▶ [GLA-5000 Membrane Disc Filters](#)
- ▶ [GN-4 Metrical® Membrane Disc Filters](#)
- ▶ [GN-6 Metrical® Membrane Disc Filters](#)
- ▶ [Glass Fiber Filters](#)
- ▶ [HT Tuffryn® Membrane Disc Filters](#)
- ▶ [Metrical® Black Membrane Disc Filters](#)
- ▶ [Metrical® Polypropylene Membrane Disc Filters](#)
- ▶ [Nylaflo™ Membrane Disc Filters](#)
- ▶ [Nylasorb™ Membrane Disc Filters](#)
- ▶ [PTFE Membrane Disc Filters](#)
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- ▶ [Polypropylene/Polyethylene Separators Depth Filters](#)
- ▶ [Stainless Steel Forceps](#)
- ▶ [Supor® Membrane Disc Filters](#)
- ▶ [Glass Fiber Filters](#)
- ▶ [Versapor® Membrane Disc Filters](#)

Ordering Information

Part Number	Description	Pkg	Price	Qty
25 mm Open-face Filter Holder, Delrin Plastic				
1107	25 mm, open-face Delrin plastic	6/pkg	NA	<input type="text" value="0"/>
37 mm and 47 mm Open-face Filter Holders, Aluminum				
1219	37 mm, open-face aluminum	1/pkg	NA	<input type="text" value="0"/>
1220	47 mm, open-face aluminum	1/pkg	NA	<input type="text" value="0"/>
Accessories and Replacement Parts, 25 mm Open-face Filter Holder, Delrin Plastic				
73179	Hose barb adapter, Nylon, 1/8 in. MNPT to 6.4 mm (1/4 in.) ID tubing	1/pkg	NA	<input type="text" value="0"/>
83475	O-ring, ARP No. -117, Viton	1/pkg	NA	<input type="text" value="0"/>
Accessories and Replacement Parts, 37 mm and 47 mm Open-face Filter Holders, Aluminum				
1222	47 mm aluminum collar	1/pkg	NA	<input type="text" value="0"/>
4235	47 mm support screen, type 304 stainless steel	1/pkg	NA	<input type="text" value="0"/>
4239	47 mm wave washer	1/pkg	NA	<input type="text" value="0"/>
73179	Hose barb adapter, Nylon, 1/8 in. MNPT to 6.4 mm (1/4 in.) ID tubing	1/pkg	N/A	<input type="text" value="0"/>
96406	37 mm aluminum collar	1/pkg	N/A	<input type="text" value="0"/>
99121	37 mm support screen, type 304 stainless steel	1/pkg	NA	<input type="text" value="0"/>
99122	37 mm wave washer	1/pkg	N/A	<input type="text" value="0"/>

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