



## 25 mm In-line Filter Holder, Delrin\*



- Lightweight filter holder for particulate sampling.
- Useful for low pressure, in-line air cleaning, liquid filtering or sampling applications.
- Easily incorporated into liquid- or gas-carrying tube systems at the point of use.
- Domed inlet provides uniform sample distribution on the membrane.

### Ordering Information

Prod. No.	Description	Packaging
1109	25 mm In-line filter holder	6/pkg

### Specifications

#### Materials of Construction

Body: Delrin (acetal resin)  
Support Screen: Type 316 stainless steel, heat-sealed in place  
Hose Barb Adapters: Nylon  
O-ring: Viton\*

#### Effective Filtration Area

3.7 cm<sup>2</sup>

#### Dimensions

Overall Length: 2 cm (0.8 in.)  
Diameter: 3.5 cm (1.4 in.)

#### Inlet/Outlet Connections

1/8 in. FNPT; hose barb adapters accept 6.4 mm (1/4 in.) ID tubing

#### Maximum Operating Temperature

In Water: 66 °C (151 °F)  
In Air: 85 °C (185 °F)

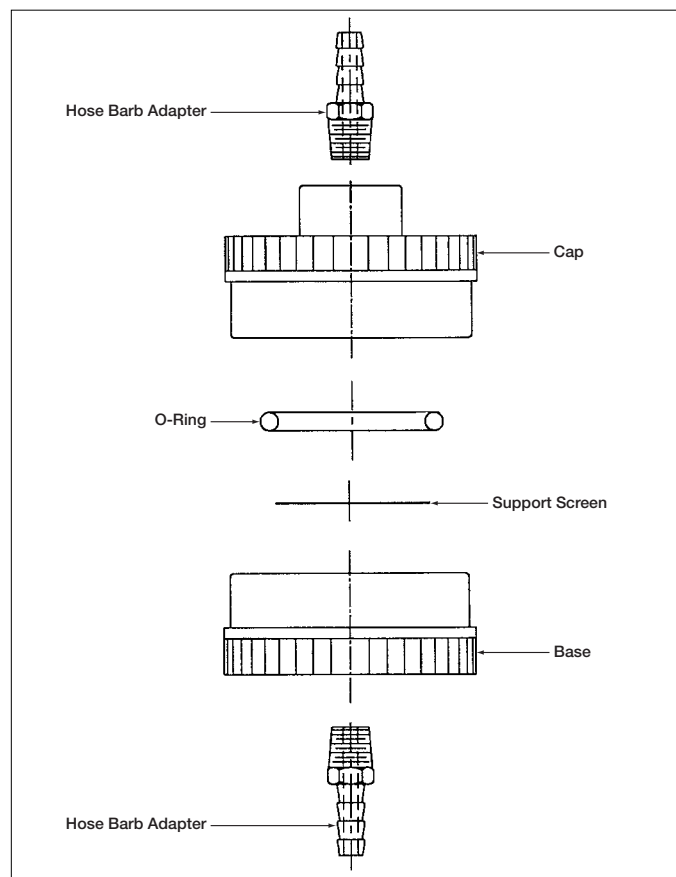
#### Maximum Operating Pressure

2.8 bar (280 kPa, 40 psi)

#### Sterilization

Provided non-sterile; autoclavable if desired 121 - 123 °C (250 - 253 °F) at approximately 1.0 bar (100 kPa, 15 psi) for a maximum of 15 minutes.

### Instructions for Use



1. Place a 25 mm membrane filter on top of the support screen. Be sure separator discs are not placed inside the holder.
2. Place the O-ring on top of the membrane filter.
3. To ensure a proper seal, hold level while connecting the inlet.
4. Hand tighten the hose barb adapters on the inlet and the outlet connections.
5. Use of membrane filter and glass prefilter is recommended separately. Do not use a pre- and final filter together as a unit. The combined thickness may cause leakage.
6. Make certain the inlet and the outlet are oriented in the intended direction of flow.

### Cleaning/Autoclaving Instructions

1. To clean the filter holder, disassemble the unit and clean with a non-abrasive cleanser.
2. Rinse thoroughly with deionized water.
3. Allow to air dry.
4. If autoclaving is required, reassemble the unit loosely with or without the membrane filter in place.
5. Wrap the assembled filter holder in autoclave paper.
6. Autoclave at a maximum of 121 - 123 °C (250 - 253 °F) at approximately 1.0 bar (100 kPa, 15 psi) for 15 - 20 minutes. The maximum autoclave temperature may be limited by the membrane type. Please refer to the membrane specifications for complete information.
7. Avoid using steam containing amines. It may cause the membrane filter to become brittle and/or contaminate the product or solution being filtered.

**Replacement Parts**

Prod. No.	Description	Packaging
73179	Hose barb adapter, nylon 1/8 in. MNPT to 6.4 mm (1/4 in.) ID tubing	1/pkg
83475	O-ring, Viton*, ARP No. -117	1/pkg

**WARNING**

Employment of the products in applications not specified, or failure to follow all instructions contained in this product information insert, may result in improper functioning of the product, personal injury, or damage to property or the product. See Statement of Warranty in our most recent catalog.

**ATTENTION**

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**ATTENZIONE**

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