



47 mm In-Line Polycarbonate Filter Holder

- Remove submicron particles from continuously flowing liquid or gas systems
- Suitable for contamination analysis of particulate
- Lightweight, durable design is transparent to allow easy visual check of membrane surface

Ordering Information

Part Number	Description	Pkg
1119	47 mm In-line Polycarbonate Filter Holder	1/pkg

Specifications

Materials of Construction

Inlet Cover, Outlet Base: Polycarbonate
Support Screen: Polyphenylsulfone
O-ring: Silicone
Hose Barb Adapters: Nylon
Vent Cap: Polypropylene

Effective Filtration Area

9.6 cm² (1.5 in.²)

Dimensions

Diameter: 6.4 cm (2.5 in.)
Overall Length: 5.6 cm (2.2 in.), excludes Hose Barb Adapters, includes vent cap

Inlet/Outlet Connections

1/4 in. – 18 FNPT; Hose Barb Adapters accept 6.4 mm (1/4 in.) ID tubing

Maximum Operating Pressure

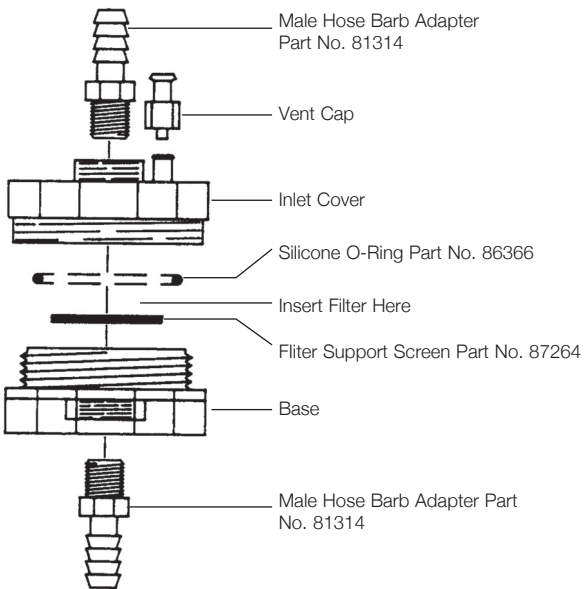
3.4 bar (340 kPa, 50 psi)

Maximum Operating Temperature

Limited by membrane filter type, Hose Barb Adapter 121 °C (250 °F), or O-ring 204 °C (399 °F), which ever is lowest.

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 minutes.



Instructions for Use

1. Place support screen firmly into base.
2. Place filter on top of support screen.
3. Place O-ring on top of filter.
4. Holding base level, place inlet cover onto base and hand tighten the unit.
5. Tighten adapters just until secure using a wrench on the hex nut portion of the inlet/outlet adapter. Avoid over-tightening.

Instructions for Use *(continued)***Cleaning and autoclaving instructions**

1. Disassemble unit into component parts.
2. Clean with a non-abrasive cleanser.
3. Rinse thoroughly.
4. Allow to air dry.
5. If autoclaving is required, reassemble unit, adapters and vent cap loosely with or without the filter in place. Wrap the unit in autoclave paper and autoclave under standard conditions listed under Specifications section. Check specifications of the filter being used for any additional autoclave recommendations and maximum operating temperature.
6. Before use, be sure to tighten unit, adapters and vent cap adapters as described in Instructions for Use above.

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