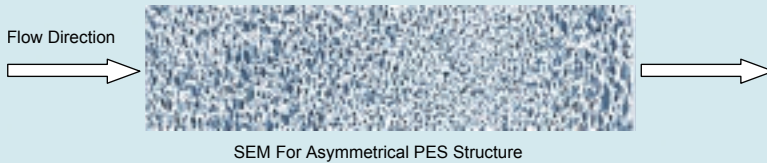


Filtrafine Micro-Flow Series Filter Cartridges

High Flow Asymmetric Polyethersulfone Membrane Cartridges for Critical Applications

- Patented Highly Asymmetric PES Membrane
- 100% Pre-flushed and Integrity Tested
- Retention Ratings from 0.04 to 1.2µm
- Polypropylene Hardware Construction – Inert to Many Process Fluids Ensuring Wide Chemical Compatibility
- High Purity Polypropylene Outer Cage Enhances Structural Strength of Filter Cartridges
- Fast Rinse-Up to 18 Megohm-cm
- Various Gaskets/O-rings Materials – Compatible with Many Fluids
- Manufactured Under a Certified ISO 9001 Quality System
- Manufactured in a Class 1,000 Clean Room



Product Specifications

Materials of Construction:

- | | |
|---------------------|--|
| • Filter Media: | Highly Asymmetric Polyethersulfone Membrane |
| • Hardware: | Polypropylene |
| • Sealing: | Thermal Bond |
| • Support Material: | Polypropylene |
| • Gaskets/O-rings: | Silicone, EPDM, Buna-N, Viton, Teflon Encapsulated Viton |

Dimensions (nominal):

- | | |
|---------------------|--|
| • Outside Diameter: | 2.67" (68mm) |
| • Lengths: | 4" (102mm), 9.75" (248mm),
10"(254mm), 19.5" (495mm),
20"(508mm), 29.25" (743mm),
30" (762mm), 39" (991mm),
40" (1016mm) |

Performance Specifications

- | | |
|----------------------|--|
| • Retention Ratings: | 0.04, 0.1, 0.2, 0.45, 0.65, 0.8, 1.2µm |
|----------------------|--|

Operating Conditions:

- | | |
|---|---|
| • Maximum Operating Pressure: | 75 psid (5.1 bar) @ 68°F (20°C)
40 psid (2.8 bar) @ 150°F (65°C) |
| • Recommended Change Out Differential Pressure: | 35 psid (2.4 bar) |

FDA Listed Materials:

Manufactured from Materials Which are FDA Listed for Food Contact Applications in Title 21 of the U.S. Code of Federal Regulations

Sanitizing Agents:

Cartridge May be Sanitized in Place with Common Oxidizing Agents. Consult Factory for Compatibility Information

Rinse-Up:

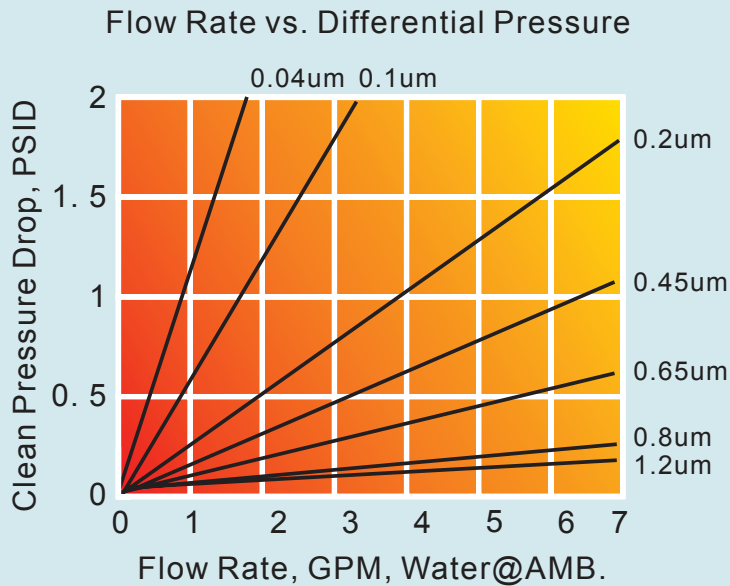
Cartridges will Rinse-Up to 18 Megohm-cm with a Minimum of Throughput

Sterilization:

Multiple Autoclaving for 30 Minutes at 250°F (121°C) under No End Load Conditions. In-Line Steam Sterilization is Not Recommended.

May be In-Line Sanitized with Hot Water at 180°F (82°C) for 1 Hour

Liquid Flow Rates vs. Initial Differential Pressure



Flow rate is per 10" (254mm) cartridge. For liquids other than water, multiply differential pressure by fluid viscosity in centipoises

Ordering Information

MFN Product Name	0.2-Retention Rating	10-Cartridge Length	3 End Configurations	E Materials of O-rings/Gaskets
Micro-Flow	0.04, 0.1, 0.2, 0.45, 0.65, 0.8 1.2µm abs.	4", 10", 20", 30", 40"	DOE = No Symbol 3 = SOE with 222 O-rings, Flat Closed End 8 = SOE with 222 O-rings, Fin End 7 = SOE with 226 O-rings, Fin End	E=EPDM V=Viton S=Silicone F=Teflon Encapsulated Viton