

Filtrafine UPW-Flow Series Filter Cartridges

Highly Asymmetric Membrane Cartridges for High Purity Water Applications

- Proprietary Highly Asymmetric Polyethersulfone Membrane Delivers a Combination of High Flow Rates and High Dirt Holding Capacity
- Absolute Rated at >99.9% Efficiency with Retention
- Retention Ratings from 0.04 to 1.2µm
- Polypropylene Hardware Construction – Inert to Many Process Fluids Ensuring Wide Chemical Compatibility
- 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 1000 Clean Room



Product Specifications

Materials of Construction:

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|---------------------|--|
| • 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):

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|---------------------|--|
| • 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

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

Operation Conditions:

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|---|--|
| • Maximum Differential 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

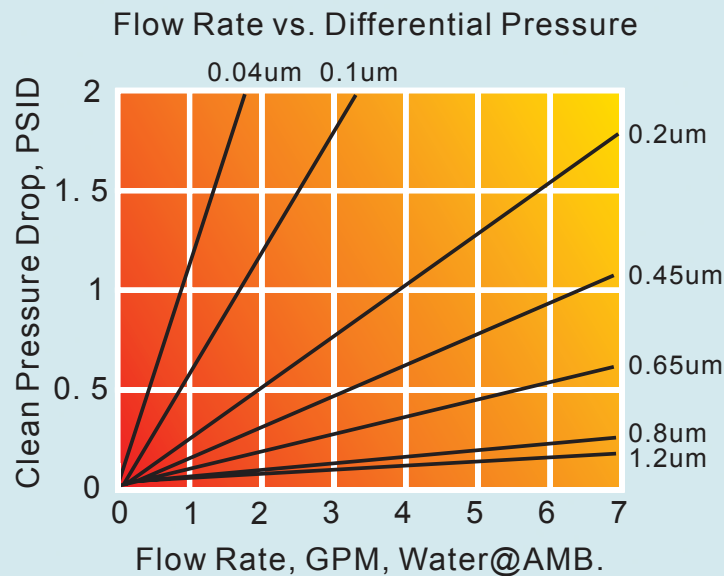
Rinse-Up:

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

Pre-Rinsing:

A Pre-Rinse is Available upon Request

Liquid Flow Rate 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

UPW Product Name	0.2 Retention Rating	10- Cartridge Length	3 End Configurations	E Materials of O-rings/Gaskets
UPW-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