

Filtrafine FasClean-Flow Series High Flow Filter Cartridges

Extra Large Filtration Surface Area Filter Cartridge, Suitable for TFT-LCD and High Purity Water Applications

- Ideally Suited for Most LCD and TFT Wet Processing Applications and the Filtration of High Purity Water
- Suitable for Generation 7 and 8 TFT-LCD Glass Cleaning, and High End Process Filtration Applications
- Wide Range of Filter Media and Retention Ratings Available, Enabling Optimization of Critical Processes
- High Purity Polypropylene Hardware Construction – Inert to Many Process Fluids Ensuring Wide Chemical Compatibility
- Compact Design Permits Efficient Filter Change-Outs Reducing Equipment Down-Time and Maintenance Costs
- Each Filter Element Stamped with Pore Size, Lot and Serial Number for Identification and Traceability
- High Purity Polypropylene Outer Cage and Center Core Enhances Mechanical Strength of the Filter Cartridges
- 100% Flushed with 18 Megohm-cm DI Water and Integrity Tested
- Filters are Manufactured, Flushed, Tested and Packaged in a Class 1,000 Clean Room Environment
- Manufactured Under a Certified ISO 9001 Quality System



Product Specifications

Materials of Construction:

- Filter Media:
 - E: Depth Melt Blown Polypropylene
 - P: High Flow Melt Blown Polypropylene
 - S: Highly Asymmetric PES Membrane
 - T: Expanded Polytetrafluoro-ethylene (ePTFE) Membrane
- Hardware: High Purity Polypropylene
- Sealing: Thermal Bond
- Support Material: Polypropylene
- Gaskets/O-rings: EPDM, Viton, Teflon Encapsulated Viton

Dimensions (nominal):

- Outside Diameter: 5.16" (131mm)
- Lengths: 10" (254mm)

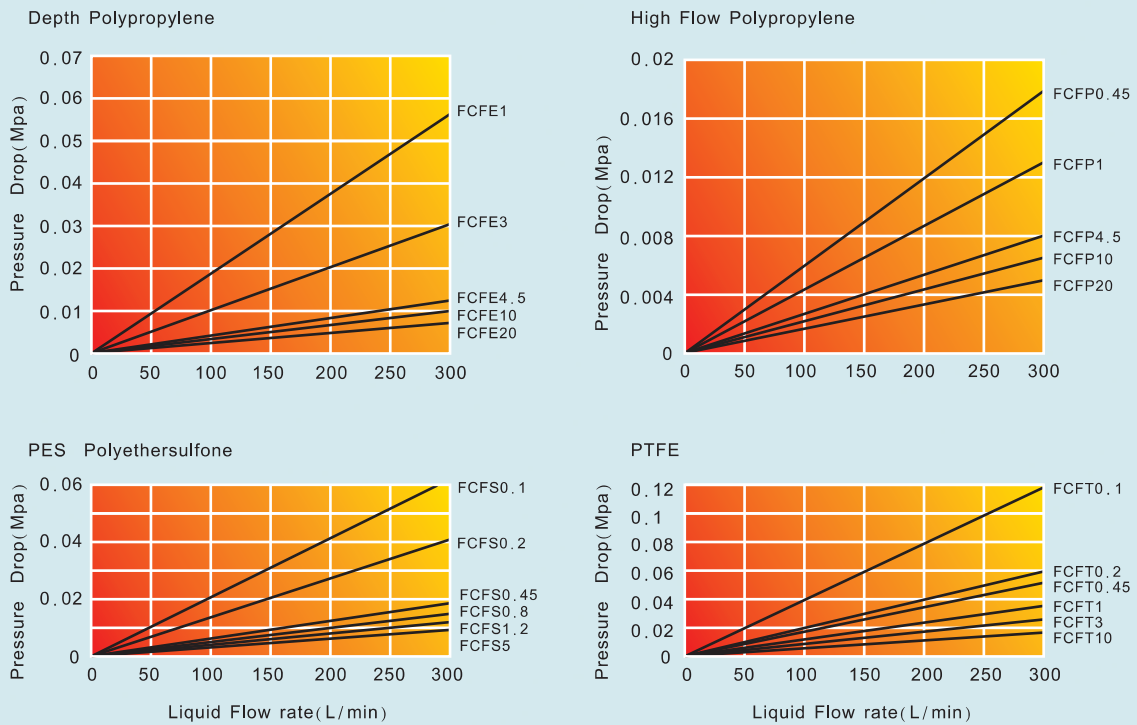
Performance Specifications

- Retention Ratings:
 - E: 1, 3, 4.5, 10, 20µm Absolute
 - P: 0.45, 1, 4.5, 10, 20µm
 - S: 0.1, 0.2, 0.45, 0.8, 1.2, 5µm Absolute
 - T: 0.1, 0.2, 0.45, 1, 3, 10µm Absolute

Operating Conditions:

- Maximum Operating Temperature: 168°F (75°C)
- Recommended Change Out Differential Pressure: 35 psid (2.4 bar)

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

FCF Product Name	P- Materials	5- Retention Rating	10- Cartridge Length	334 End Configurations	E Materials of O-rings/Gaskets
FasClean-Flow	E = Depth PP P = High Flow PP S = PES T = PTFE	1 ~ 20µm abs. 0.45 ~ 20µm 0.1 ~ 5µm abs. 0.1 ~ 10µm abs.	10"	334 = SOE Flat End	E = EPDM V = Viton F = Teflon Encapsulated Viton