

## Filtrafine Pleated-Flow Series Filter Cartridges

*High Performance Pleated Polypropylene Melt Blown Cartridges Deliver Consistent Performance and Long On-Stream Life*

- Proprietary Filter Media Produced for Filtrafine Delivers Highly Consistent Performance
- Fixed Pore Construction – Resists Dirt Unloading at Maximum Differential Pressure
- Polypropylene Construction – Inert to Many Process Fluids Ensuring Wide Chemical Compatibility
- High Surface Area – High Flow Rates and Long Service Life Reduced Maintenance Costs
- Rigid Polypropylene Core Enhances Structural Strength of Filter Cartridges
- Fast Rinse-Up to 18 Megohm-cm
- Various Gaskets/O-rings Materials – Compatible with Many Fluids
- Manufactured in a Class 10,000 Clean Room
- Manufactured Under a Certified ISO 9001 Quality System



### Product Specifications

#### Materials of Construction:

- |                     |  |
|---------------------|--|
| • Filter Media:     | Polypropylene  |
| • 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),<br>19.5" (495mm), 20"(508mm), 29.25" (743mm),<br>30" (762mm), 39" (991mm), 40" (1016mm) |

### Performance Specifications

- |                       |  |
|-----------------------|--|
| • Retention Ratings : | 0.2, 0.25 0.45, 0.8, 2, 3, 5, 10, 30µm |
|-----------------------|--|

#### Operating Conditions:

- |   |   |
|---|---|
| • Maximum Operating Pressure:                   | 75 psid (5.1 bar) @ 68°F (20°C)<br>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

**Toxicity:**

All Polypropylene Components meet the Specifications for Biological Safety as per the USP for Class VI-121°C Plastics (Gaskets/O-rings Excluded)

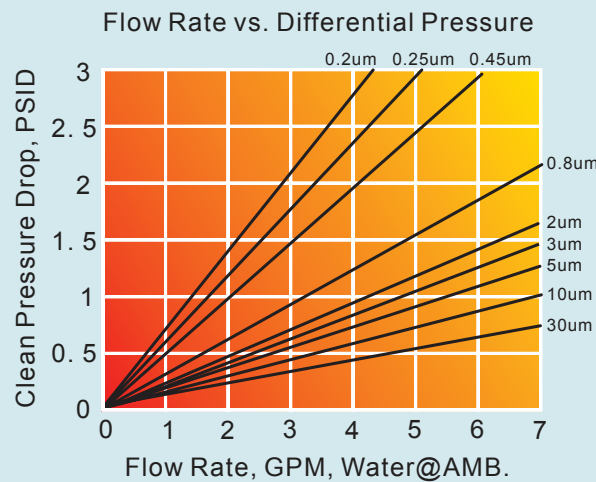
**Purity:**

Cartridges are Free of Surfactants, Resins, Binders and Adhesives

**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 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**

PLT Product Name	5-Retention Rating	10-Cartridge Length	3 End Configurations	E Materials of O-rings/Gaskets
Pleated-Flow	0.2, 0.25, 0.45, 0.8, 2, 3, 5, 10, 30um	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