

Superior-Fine Series Filter Cartridges



Product Introduction



Superior-Fine series filter cartridges deliver high dirt holding capacity and consistent performance. Its rigid filtration structure is provided by the proprietary inter-zone bonding process. Superior-Fine series filter cartridges are made of high purity polypropylene materials which allow optimization of the filtration media for long service life and high efficiency. In addition, this series is free of surfactants, binders and adhesives. Therefore, it is easy and safe to incinerate or dispose used elements.

- Materials are FDA graded
- Manufactured under a certified ISO 9001 quality system
- NSF certified

Product Specifications

Materials of Construction

- Filter Media: Advanced Melt Blown Polypropylene
- End Caps: Polypropylene
- Gaskets/O-rings: PE Gaskets, Silicone, Buna-N, EPDM, Viton

Dimensions

- Outside Diameter: 2.5" (63mm)
- Inside Diameter: 1.1" (28mm)
- Lengths: 10", 20", 30", 40", 50"

Performance Specifications

Retention Ratings

0.5, 1, 3, 5, 10, 20, 30, 50, 75, 100 μm

Operating Conditions

- Maximum Operating Temperature: 140°F (60°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.

Purity

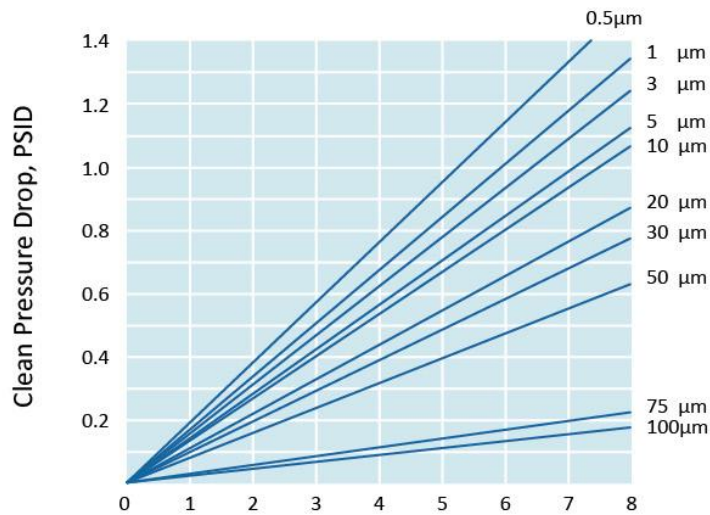
All Superior-Fine series filter cartridges are free of surfactants, anti-static agents, binders and adhesives.



Toxicity

All cartridge components meet USP-XXIII, Class V Criteria.

Liquid Flow Rate vs. Initial Differential Pressure



Flow Rate, GPM, Water@AMB.

Flow rate is per 10" cartridge. For liquids other than water, multiply the pressure drop by the fluid viscosity in centipoises

Ordering Information

PCB	5-	20	P-	3	E
Product Name	Retention Rating	Cartridge Length	Core Material	End Configuration	Gasket/O-ring Material
PCB	0.5, 1, 3, 5, 10, 20, 30, 50, 75, 100 µm	10" 20" 30" 40" 50"	None Core	PE=PE Gaskets No Symbol=DOE Code 3=222 / Flat Code 8=222 / Fin Code 7=226 / Fin, Bayonet	N=Buna-N E=EPDM V=Viton S=Silicone