

Extra-Flow Series Filter Cartridges



Product Introduction



Extra-Flow series filter cartridges combine the advantages of depth cartridges and traditional pleated cartridges. This series is made of proprietary gel capturing filter media which is all polypropylene construction. Therefore, Extra-Flow series filters deliver high efficiency performance when removing gels from liquid. Moreover, Extra-Flow series has high surface area for high flow rate with low pressure drop to provide long service life.

- Absolute rated at 99.9% efficiency with retention
- Manufactured in a class 10,000 clean room
- Manufactured under a certified ISO 9001 quality system

Product Specifications

Materials of Construction

- Filter Media: Polypropylene Melt Blown
- Hardware: Polypropylene
- Sealing: Thermal Bond
- Support Material: Polypropylene
- Gaskets/ O-rings: Silicone, Buna-N, EPDM, Viton, Teflon Encapsulated Viton

Dimensions

- Outside Diameter: 2.67" (68mm)
- Lengths: 10", 20", 30", 40"

Performance Specifications

Retention Ratings

0.5, 1, 3, 5, 10, 15, 20, 40 µm Absolute

Operating Conditions

- Maximum Operating Differential Pressure:
75 psid (5.1 bar) @ 68°F (20°C)
40 psid (2.8 bar) @ 150°F (65°C)
- Maximum Operating Temperature: 180°F (82°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 Extra-Flow series filter cartridges are free of surfactants, anti-static agents, binders and adhesives.

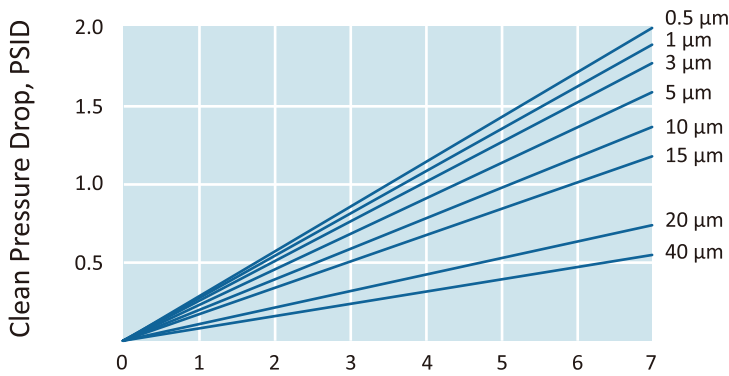
Toxicity

All components meet the specifications for biological safety as per the USP for Class VI-120°C Plastics (gaskets/ o-rings excluded)

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, 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

EXA	5-	10-	3	E
Product Name	Retention Rating	Cartridge Length	End Configuration	Gasket/O-ring Material
EXA	0.5, 1, 3, 5, 10, 15, 20, 40 µm	10" 20" 30" 40"	DOE=Double Open End Code 3=222 / Flat Code 8=222 / Fin Code 7=226 / Fin, Bayonet	N=Buna-N E=EPDM V=Viton S=Silicone F=Teflon Encapsulated Viton