

Filtrafine Extra-Flow Series Filter Cartridges

Absolute Rated Depth Pleated Cartridges, Excellent for Gel Removal

- Combining the Advantages of Depth Cartridge and Traditional Pleated Cartridge
- Innovative Fusion of Depth and Pleated Technologies Delivers Superior Performance when Removing Gels
- Proprietary Gel Capturing Filter Media - Geltrap
- High Surface Area for Long Service Life
- Micro Denier Melt Blown Fibers for High Efficiency Filtration
- Absolute Rated at >99.9% Efficiency With Retention
- High Flow Rates with Low Pressure Drops
- All Polypropylene Construction
- Manufactured in a Clean Room Environment - Class 10,000
- Manufactured Under a Certified ISO 9001 Quality System



Product Specifications

Materials of Construction:

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

Dimensions (nominal):

- | | |
|---------------------|--|
| • 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) |

Surface Area:

Up to 2.5 ft² (0.23 m²) of Effective Filtration Area per 10" (254mm) Equivalent Depend on Micro Rating

Performance Specifications

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|----------------------|------------------------------------|
| • Retention Ratings: | 1, 3, 5, 10, 20, 30, 40µm Absolute |
|----------------------|------------------------------------|

Operating Conditions:

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|---|--|
| • Maximum Operating Pressure: | 70 psid (4.8 bar) @ 120°F (49°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

Toxicity

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

Purity:

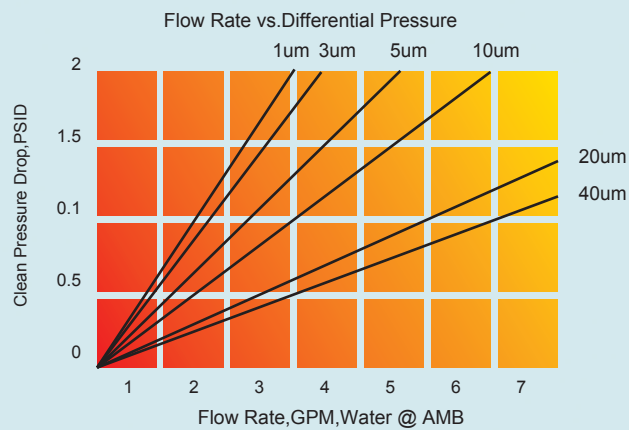
Cartridges are Free of Surfactants, Resins, Binders and Adhesives

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 Rates 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

EXA Product Name	5-Retention Rating	10-Cartridge Length	3 End Configurations	E Materials of O-rings/Gaskets
Extra-Flow	1, 3, 5, 10, 20, 30, 40µm 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