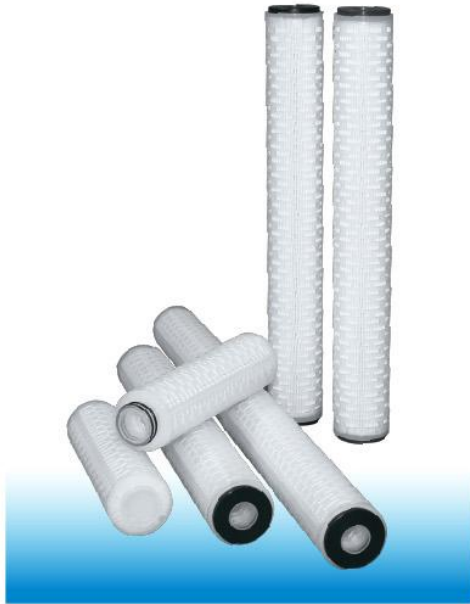


MicroGlass-Flow GP Series Filter Cartridges



Product Introduction

MicroGlass-Flow GP series filter cartridges utilize glass fiber media with rigid polypropylene center core and outer cage. The glass fiber media ensures high purity filtration and the polypropylene hardware endures high temperature. The fixed pore construction of media can resist dirt unloading at maximum differential pressure drop. Besides, MicroGlass-Flow GP series filters have large surface area which provides high dirt holding capacity and long on-stream life.

- Manufactured in a class 10,000 clean room
- Manufactured under a certified ISO 9001 quality system

Product Specifications

Materials of Construction

- Filter Media: Glass Fiber
- Support Material: Polyester
- Hardware: Polypropylene
- Sealing: Thermal Bond
- 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

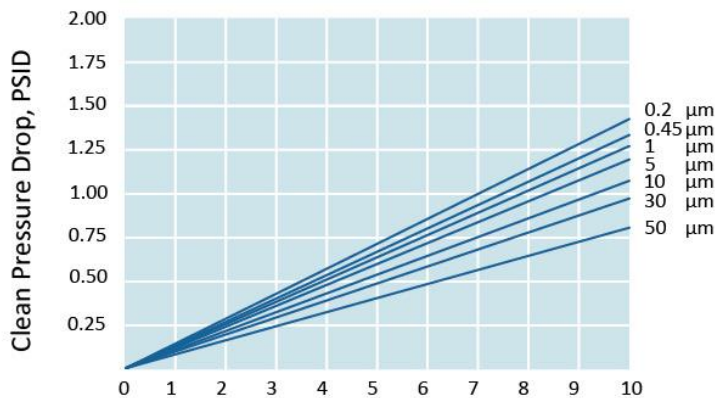
0.2, 0.45, 1, 5, 10, 30, 50 μm Absolute

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: 220°F (105°C)
- Recommended Change Out Differential Pressure:
35 psid (2.4 bar)



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

Product Name	Retention Rating	Cartridge Length	End Configuration	Gasket/O-ring Material
MFGP	0.2, 0.45, 1, 5, 10, 30, 50 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