MicroGlass-Flow Series Filter Cartridges

Product Introduction

MFGN series filter cartridges utilize glass fiber media with rigid polypropylene center core and color netting. 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, MFGN series filters have large surface area which provides high dirt holding capacity and long on-stream life. The micron rating can be easily recognized by netting in different colors, which provides users quick determination.

- 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
- Netting: 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

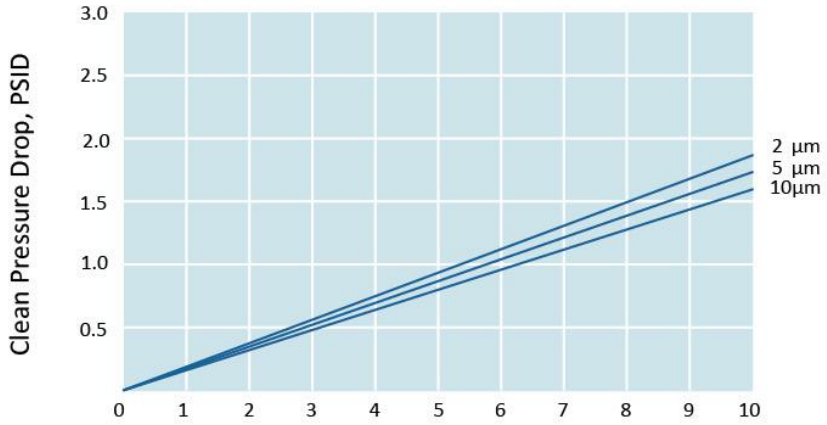
2, 5, 10 µm Absolute

	Netting Color	Absolute Rating
●	Yellow	2 µm
○	White	5 µm
●	blue	10 µm

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

Ordering Information

MFGN	5-	10-	3	E
Product Name	Retention Rating	Cartridge Length	End Configuration	Gasket/O-ring Material
MFGN	2, 5, 10 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