

## HF-Series High Flow Polypropylene and Microglass Filter Cartridge

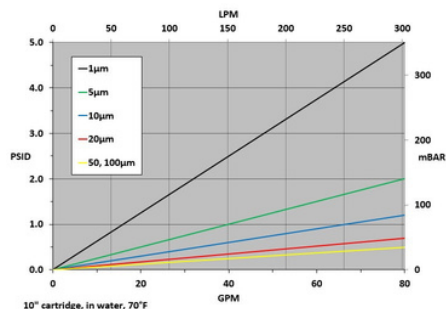
HF-Series High Flow Polypropylene and Microglass Filter Cartridges address your need for absolute rated filter cartridges in high flowrate and/or high solids-load applications. Thermally-bonded construction utilizing polypropylene hardware for high cleanliness and broad chemical compatibility.

Inside to outside flow direction and single o-ring seal ensures against by-pass and captures all contaminants internally, thus preventing clean-side contamination

during change-out. Robust molded outer cage and handle offers durability and easy installation/removal. HF-Series cartridges are designed for use as a direct replacement to the Pall Ultiplex™ High Flow series. Absolute ratings exceed 99% efficiencies, Nominal ratings exceed 90%.



### Flow Rate vs Pressure Drop



NSF Certification applies for use only with drinking water. Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified. Product options denoted with asterisk (\*) are not included in the Certification.

### Typical Applications

- Amine
- Bulk chemicals
- Coolants
- EDM fluids
- Glycol
- Plating solutions
- Process water

### Construction Materials

- Filtration Media** .....Polypropylene or Microglass-
- Support Media** .....Polypropylene
- End Caps** .....Polypropylene
- Outer Support Cage** .....Polypropylene
- O-Ring/Gasket** .....Buna, EPDM, Silicone, Viton®.

### Dimensions

- Length** .....20, 40, 60 in (50.8, 101.6, 152.4 cm)
- Outside Diameter** .....6.25 in (15.9 cm)

### Operating Conditions

- Change Out ΔP (recommended)** .....35 PSID (2.4 bar)
- Polypropylene Temperature (max)** .....176 °F (80 °C)
- Microglass Temperature (max)** .....176 °F (80 °C)
- Differential Pressure (max)** .....60 PSID (4.1 bar)
- Flow Direction** .....Inside to Outside

### Food Safety Compliance

Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 1935/2004, and/or 10/2011.

### Ordering Information

HF	Material	Rating	Retention	Length	O-Rings
Retrofits Pall® HF	PP = Polypropylene	1.0	A = Absolute	20" (50.8 cm)	B = Buna
	FG = Microglass*	5.0	N = Nominal	40" (101.6 cm)	E = EPDM
		10.0		60" (152.4 cm)	S = Silicone
		20.0			V = Viton**
		50.0			
		100.0			

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required. For additional technical support, a product Performance Guide is available upon request.