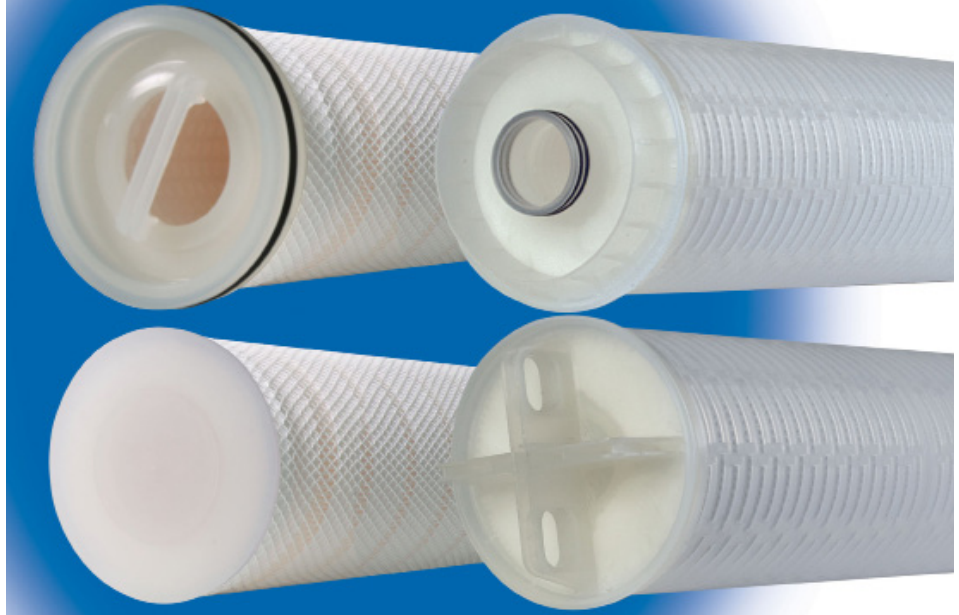
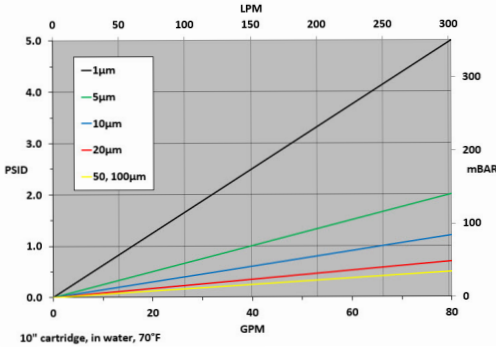


## HF-Series High Flow Pleated

HF-Series High Flow Polypropylene and Microglass Filter Cartridges address your need for absolute rated filter cartridges in high flowrate applications. HF-Series cartridges are designed for use as a direct replacement to the Pall® Ultipleat® High Flow and 3M 740™ series elements. Filtration efficiencies exceed 99%.

### Flow Rate vs Pressure Drop



### Construction Materials

- Filtration Media**..... Polypropylene or Microglass
- Support Media**..... Polypropylene
- End Caps**..... Polypropylene
- Center Core**..... Polypropylene
- Outer Support Cage**..... Polypropylene
- O-Rings/Gaskets**..... Buna, EPDM, Silicone, White Buna, Viton®

### Dimensions

- Length:**  
HF - 20, 40, 60 inches  
HF3 - 39 inches
- Outside Diameter:**  
6.25 inches

### Ordering Information

Type	Material	Rating (µ)		A	Length	O-Rings
HF	PP = Polypropylene	0.45	20.0		20" = HF (50.8 cm)	B = Buna
Retrofits Pall® HF	FG = Microglass	1.0	50.0		39" = HF3 (99.1 cm)	E = EPDM
		5.0	100.0		40" = HF (101.6 cm)	S = Silicone
HF3		10.0			60" = HF (152.4 cm)	V = Viton®
Retrofits 3M™ - 740						W = White Buna

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 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.

Clean Pressure Drop Versus Flow Rate (PSID)						
	1 micron	5 micron	10 micron	20 micron	50 micron	100 micron
ΔP @ 40 GPM	2.0	1.0	0.5	0.3	0.2	0.2
ΔP @ 60 GPM	4.0	1.5	0.8	0.5	0.3	0.3
ΔP @ 80 GPM	5.0	2.0	1.2	0.7	0.5	0.5

ΔP is based on a 20" filter cartridge  
 \* Pressure Drop for 40" element multiply by 0.5  
 \* Pressure Drop for 60" element multiply by 0.34

### Operating Conditions

- Change Out ΔP (recommended)**.....35 PSID
- Polypropylene Temperature (max)**.....160°F (71°C)
- Microglass Temperature (max)**.....200°F (93°C)
- Differential Pressure (max)** ..... 60 PSID (4.1 bar) at 68°F (20°C)

### 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 2002/72/EC, 1935/2004, and/or 10/2011.