



Filter Data Sheet

HF Series High Flow Cartridges

Pleated Polypropylene and Microglass

HF Series High Flow 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 Highflow Ultipleat® and 3M 740 series elements. Filtration efficiencies exceed 99%.

Construction Materials

Filtration MediaPolypropylene or Microglass
Support MediaPolypropylene
End CapsPolypropylene
Center CorePolypropylene
Outer Support Cage.....Polypropylene
O-Rings/Gaskets.....Buna, EPDM, Viton®, Silicone

Dimensions

Length:

HF - 20, 40, 60 inches
 HF3 - 39 inches

Outside Diameter:

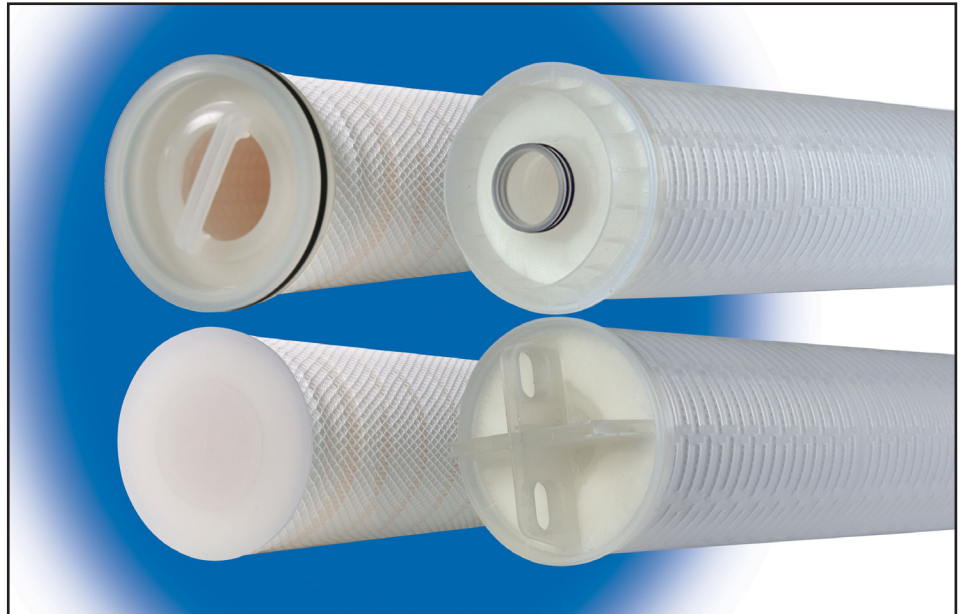
6.25 inches

Maximum Recommended Operating Conditions

Differential Pressure.....35 PSI
Polypropylene160°F (71°C)
Microglass200°F (93°C)

FDA Listed Materials

Manufactured from materials which are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.



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

Ordering Information

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