



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 flow rate applications. HF Series Cartridges are designed for use as a direct replacement to the Pall Ultipleat® and 3M 740 series elements. Filtration efficiencies exceed 99%.

Construction Materials

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

Dimensions

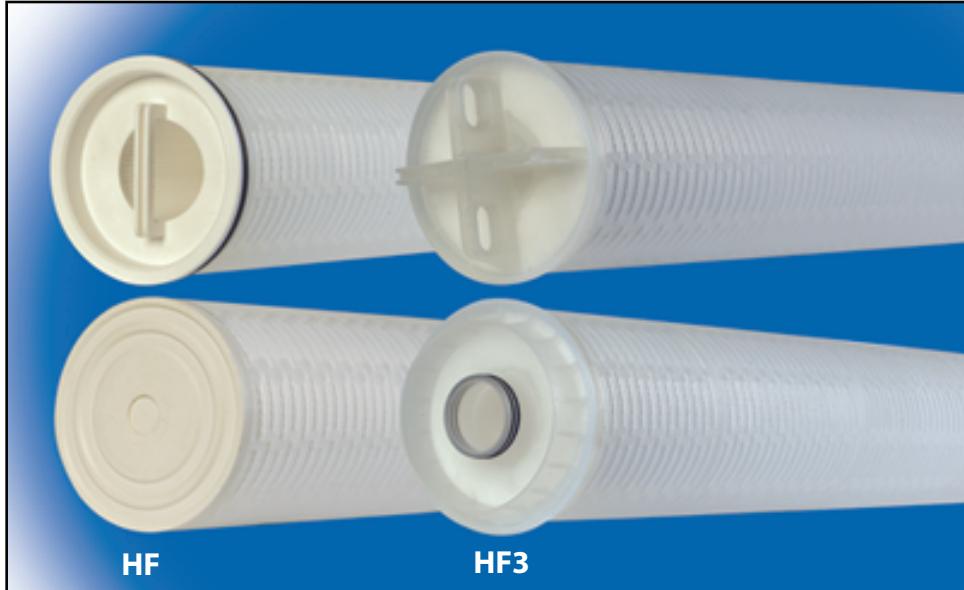
Length:

HF - 20, 40, 60 inches

HF3 - 39 inches

Outside Diameter:

6.25 inches



Maximum Recommended Operating Conditions

Differential Pressure..... 35 PSI
Polypropylene..... 160°F (71°C)
Microglass..... 200°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	Pore Size	A	Length	O-Rings
HF	PP - Polypropylene	Polypropylene 1.0 thru 100.0		20 = HF (50.8 cm)	B = Buna
Retrofits	FG - Microglass	Microglass 1.0 thru 100.0		39 = HF3 (99.1 cm)	E = EPDM
Pall HF				40 = HF (101.6 cm)	S = Silicone
HF3				60 = HF (152.4 cm)	V = Viton
Retrofits					
3M-740					

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