JHP

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 Media ....Polypropylene
or Microglass
Support Media ....Polypropylene
End Caps..Polypropylene
Center Core ....Polypropylene
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
Polypropylene...................................160ºF (71ºC)
Microglass 200ºF (93ºC)

FDA Listed Materials
Manufactured from materials which are listed for food contact applications in Title 21 of the U.S. Code of Federal Regulations.
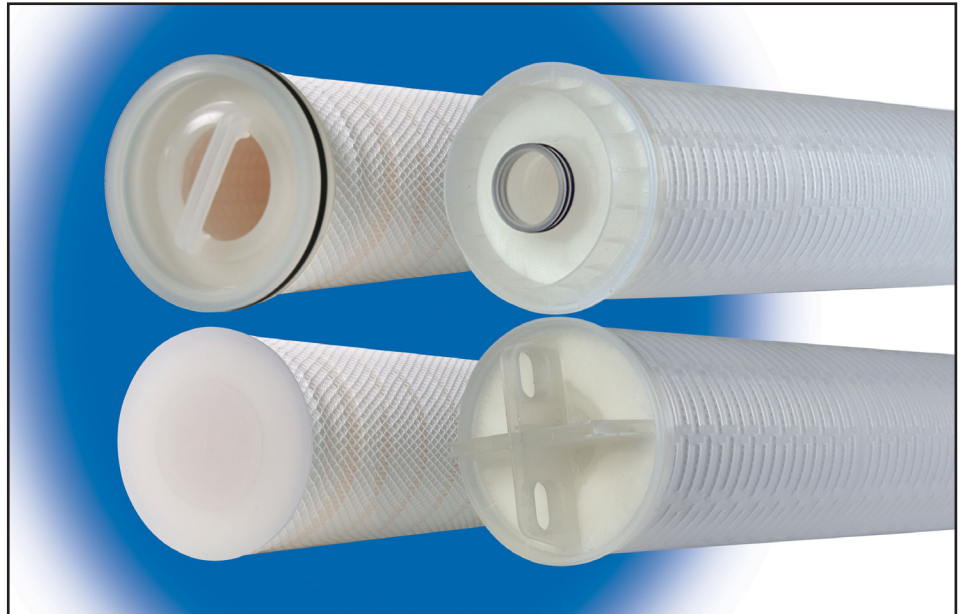
Clean Pressure Drop Versus Flow Rate (PSID)						
	1 micron	5 micron	10 micron	20 micron	50 micron	100 micron
ΔP @ 40 GPM	2.0	1.0	0.5	0.3	0.2	0.2
ΔP @ 60 GPM	4.0	1.5	0.8	0.5	0.3	0.3
ΔP @ 80 GPM	5.0	2.0	1.2	0.7	0.5	0.5

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			