

Filter Data Sheet

HF Series High Flow Cartridges

Pleated Polypropylene and Microfiberglass

The Global HF Series High Flow Cartridges address your need for absolute rated filter cartridges in high flow rate applications. The Global HF Series Cartridges are designed for use in Global's HF Series housings and as a direct replacement to the Pall Ultiplex® and 3M 740 series elements. Filtration efficiencies exceed 99%.

Construction Materials

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

Maximum Recommended Operating Conditions

Temperature..... 160° (71°C)
Max. Diff. Pressure.....35 PSI

FDA Listed Materials

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

Dimensions

Length:

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

Outside Diameter:

6"



	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	B = Buna
	FG - Microfiberglass	Microfiberglass 1.0 thru 140.0		39" = HF3	E = EPDM
Retrofits Pall HF				40" = HF	S = Silicone
HF3				60" = HF	V = Viton
Retrofits 3M-740					