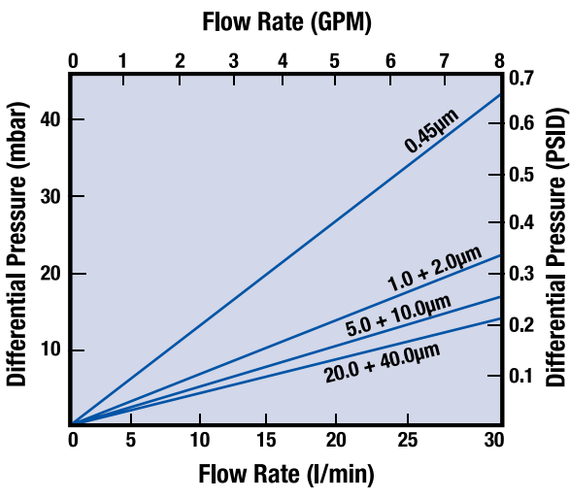
InterPleat G

Pleated Microfiberglass Cartridge

Pleated Microfiberglass Cartridges offer an economical, absolute rated, filtration solution for both liquids and gases, designed to hold 0,5 m^2 of filtration media.They offer excellent flow rates and long service life with an exceptional ability to retain both deformable and non-deformable particles.
High Purity GFP-Cartridges are constructed with absolute rated borosilicate microfiberglass media that offers high dirt-loading capacities. The natural positive charge of the glass fiber also aids in the retention of negatively charged particulates such as bacteria, endotoxin, and a variety of colloidal materials.

Flow Rate (Water, 10")



Typical Applications

Membrane Prefiltration
Sterile Air
Corn Syrup
R.O. Prefiltration
Wine Clairfication
Aromatic Hydrocarbons
Oilfield Completion
Fluids

Construction Materials

Filtration Media – FDA Borosilicate Microfiberglass with acrylic binder.
Support Media – Spun-bonded polyester laminated on both upstream and downstream sides.
End Caps ..... Polypropylene
Center Core ..... Polypropylene
Outer Support Cage ..... Polypropylene
O-rings/Gaskets ..... Silicone, EPDM, Buna, Viton, Teflon® Encapsulated Viton, Polyfoam

Absolute Filtration Ratings

99.98% ($ß_x$=5000) removal efficiencies.

Sanitisation

Filtered Hot Water
90°C for 30 minutes at maximum of 1 bar

Dimensions

Length:
10 to 40 inches (25.4 to 101.6 cm) nominal
Outside Diameter:
2.70 inches (7.0 cm) nominal
Filter Area: 0,5 m^2 per 10"

Maximum Recommended Operating Conditions

Change Out ..... ΔP 2,4 bar
Temperature ..... 93°C
Optional Stainless Construction .... 135°C

Product Purity

All components FDA acceptable per 21 CFR. All polypropylene components meet the specifications for biological safety per USP Class VI-121 C for plastics.

Ordering Information (universal ordering code, not all options are available)

GFP	Pore Size	Length	End Cap Code	O-Rings/Gaskets
	0,45 = 0,45 µm	1 = 10" (25.4 cm)	1 = DOE with Gaskets	1 = Silicone
	1 = 1,0 µm	2 = 20" (50.8 cm)	2 = SOE -222 O-rings with Flat Cap	2 = EPDM
	2 = 2,0 µm	3 = 30" (76.2 cm)	3 = SOE -222 O-rings with Fin	3 = Buna
	5 = 5,0 µm	4 = 40" (101.6 cm)	4 = SOE -222 O-rings with Spring	4 = Viton
	10 = 10,0 µm	Y = 5" (12.7 cm)	5 = SOE -226 O-rings with Spring	5 = Teflon® Encapsulated Viton
	20 = 20,0 µm		6 = SOE -226 O-rings with Flat Cap	6 = Polyfoam End Gaskets
	40 = 40,0 µm		7 = SOE -226 O-rings with Fin	
			8 = SOE with Spring	
			9 = SOE with Core Extender	