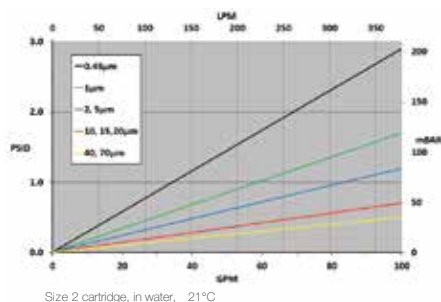


HFB-Series High Flow Pleated Cartridge

HFB-Series High Flow Pleated Filter Cartridges seal into most standard bag filter vessels. These cartridges deliver high efficiencies, flow rates, and loading capacities at extremely low initial pressure drops. Due to the inside-to-outside flow design, all contaminants are captured on the inside of the element, avoiding potential contamination of filtered product during change-out. Utilizing polypropylene or microglass medias along with polypropylene hardware, the HFB series offers broad chemical compatibility. With up to 4.5 m2 of media, the HFB series offers an exceptional value. Offered in both absolute-rated (up to 99.98% retention) and nominally- rated (90% retention) grades.

Flow Rate vs Pressure Drop



Typical Applications

- Process Water
- Deionized Water
- R.O. Membrane Pre-Filtration
- Food & Beverage
- Cosmetics
- Fine Chemicals
- Produced Water
- Waste Water
- Amines

Construction Materials

Filtration Media Polypropylene or Microglass
Support Media Polypropylene or Polyester
End Caps Polypropylene
Pull Ring/Handle SS*
Outer Netting/Wrap Polypropylene
O-Ring/Gasket Buna, EPDM, Silicone, FKM, FEP FKM, FEP Silicone

Dimensions

Length 12" (#1-size)
 24" (#2-size)
Outside Diameter Flange: 7.06" (17.8cm)
 Cartridge: 6" (15.2cm)

Operating Conditions

Change Out ΔP (recommended) 1.7 bar
Temperature (max) 71°C
Differential Pressure (max) 2.1 bar at 20°C



Toxicity

All polypropylene components meet the specifications for biological safety per USP Class VI – 121°C for plastics.

Food Safety Compliance

Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 1935/2004, and/or 10/2011.

Ordering Information

HFB	Material	Rating	Retention	Size	Flange Style	Hardware	O-Rings (For B, D & F Flange Only)
	PP = Polypropylene	0.45	A = Absolute	1 = #1-size	A = Global Filter (No O-Ring)	P = Polypropylene	B = Buna
	FG = Microglass	1.0	N = Nominal	2 = #2-size	B = Pentair, Rosedale®		E = EPDM
		2.0			D = FSI® & Eaton® (OTT) Hayward		S = Silicone
		5.0			F = Global GBFV8		V = FKM
		10.0					Z = FEP Silicone
		15.0					T = FEP FKM
		20.0					
		40.0					
		70.0					

*Depends on flange

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. For additional technical support, a product Performance Guide is available upon request.

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