



HFB Series High Flow Pleated Filter Cartridges

For Installation in Bag Filter Vessels

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 and microglass medias along with polypropylene hardware, the HFB series offers broad chemical compatibility. With up to 48.5 ft² of media, the HFB series offers an exceptional value.

Dimensions

Length:

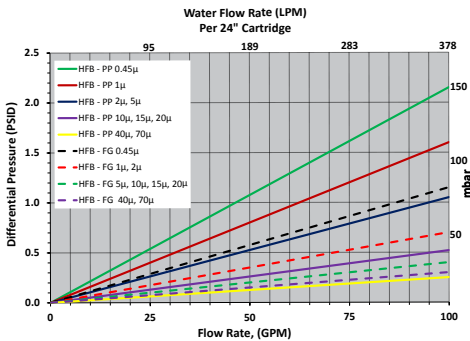
12 inches (#1-size)

24 inches (#2-size)

Outside Diameter:

7.06 inches (flange) / 6 inches (cartridge)

Flow Rate vs Pressure Drop



Typical Application

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

Construction Materials

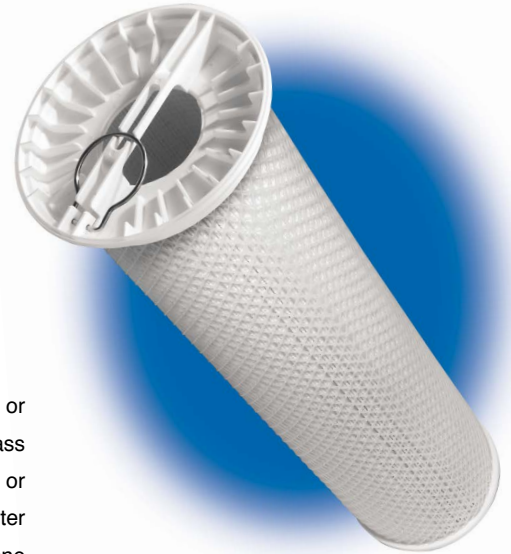
Filtration Media Polypropylene or Microglass

Support Media Polypropylene or Polyester

End Caps Polypropylene

Center Core Polypropylene

Outer Netting/Wrap Polypropylene



Maximum Recommended Operating Conditions

Temperature 160°F (71°C)

Change Out 25 PSID

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 2002/72/EC, 1935/2004, and/or 10/2011.

Toxicity

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

Ordering Information

HFB	Material	Rating (μ)		Retention	Size	Flange Style	Hardware	O-Rings (For B-Flange Only)
	PP = Polypropylene	0.45	15.0	A = Absolute	1 = #1-size	A = Global, FSI, Eaton, Rosedale	P = Polypropylene	B = Buna-N
	FG = Microglass	1.0	20.0	N = Nominal	2 = #2-size	B = Pentair		S = Silicone
		2.0	40.0					E = EPDM
		5.0	70.0					V = Viton
		10.0						

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.