

## HFB-Series High Flow Pleated

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 48.5 ft<sup>2</sup> of media, the HFB series offers an exceptional value.

### Dimensions

#### Length:

12 inches (#1-size)

24 inches (#2-size)

#### Outside Diameter:

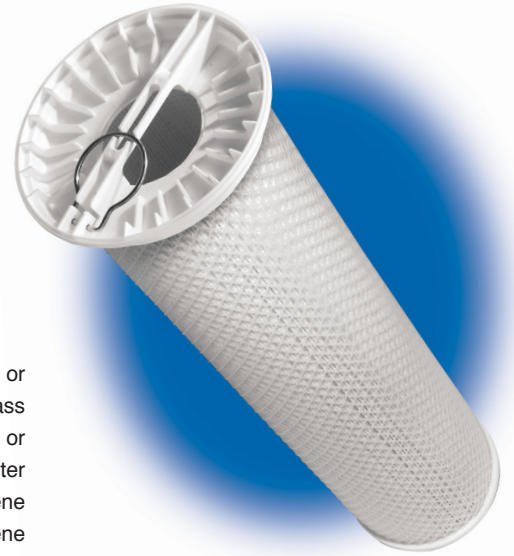
7.06 inches (flange) / 6 inches (cartridge)

### Typical Application

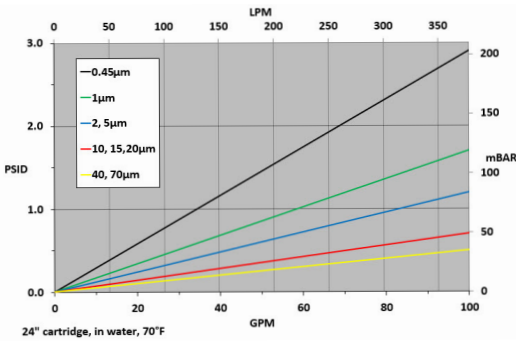
- Process Water
- Deionized Water
- R.O. Membrane Pre-Filtration
- Food & Beverage
- Cosmetics
- Fine Chemicals
- Produced Water
- Waste Water
- Amines

### Construction Materials

- Filtration Media** ..... Polypropylene or Microglass
- Support Media** ..... Polypropylene or Polyester
- End Caps** ..... Polypropylene
- Center Core** ..... Polypropylene
- Outer Netting/Wrap** ..... Polypropylene



### Flow Rate vs Pressure Drop



### Operating Conditions

- Change Out ΔP (recommended)** ..... 25 PSID
- Temperature (max)** ..... 160°F (71°C)
- Differential Pressure (max)** ..... 50 PSID (3.4 bar) at 68°F (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 2002/72/EC, 1935/2004, and/or 10/2011.

### Ordering Information

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