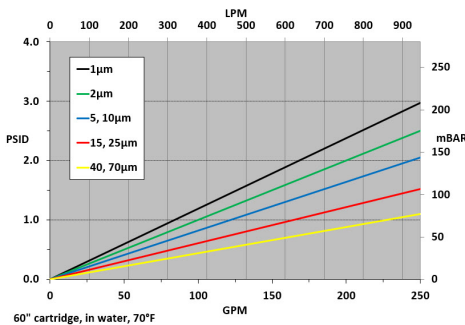


## EHF3-Series High Flow Pleated Cartridge

EHF3-Series High Flow Pleated Filter Cartridges are designed to address the need for critical filtration in high flow applications. Large diameter, high surface area filters dramatically reduce maintenance and production downtime. EHF3 cartridges are a direct replacement for the 3M/Cuno™ High Flow series cartridges. The EHF3 Series cartridges are available in both polypropylene and microglass media in a wide variety of micron ratings. This filter utilizes polypropylene hardware to provide a robust design. Absolute ratings exceed 99% efficiencies, Nominal ratings exceed 90%.



### Flow Rate vs Pressure Drop



For microglass absolute-rated media, the  $\Delta P$  will be approximately 10% lower than polypropylene media. For 40" filter elements, expect the pressure drop to be 20-30%, higher, on average, than depicted in the flow chart above.

### Typical Applications

- Amine
- Bulk chemicals
- Coolants
- EDM fluids
- Glycol
- Plating solutions
- Process water

### Construction Materials

**Filtration Media**.....Polypropylene or Microglass\*  
**Support Media**.....Polypropylene  
**End Caps**.....Polypropylene  
**Center Core**.....Polypropylene  
**Outer Support Cage**.....Polypropylene  
**O-Rings/Gaskets**.....Buna, EPDM, Silicone, Viton® \*



NSF Certification applies for use only with drinking water. Only products bearing the NSF Mark on the product, product packaging, and/or documentation shipped with the product are Certified. Product options denoted with asterisk (\*) are not included in the Certification.

### Dimensions

#### Length:

40 inches (101.6 cm) & 60 inches (152.4 cm)

#### Outside Diameter:

6.5 inches (16.5 cm)

#### Inside Diameter:

3.0 inches (7.6 cm)

### Operating Conditions

**Change Out  $\Delta P$  (recommended)**.....35 PSID

**Polypropylene Temperature (max)**....160°F (71°C)

**Microglass Temperature (max)**.....200°F (93°C)

**Differential Pressure (max)**.....60 PSID  
 (4.1 bar) at 68°F (20°C)

**Flow Direction**.....Outside to Inside

### 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

Type	Material	Rating (µm)		Absolute / Nominal	Length	O-Rings
EHF3	PP = Polypropylene	1.0	15.0	A = Absolute	40" (101.6 cm)	B = Buna
		2.0	25.0	N = Nominal	60" (152.4 cm)	E = EPDM
	FG = Microglass*	5.0	40.0			S = Silicone
		10.0	70.0			V = Viton® *

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.

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