

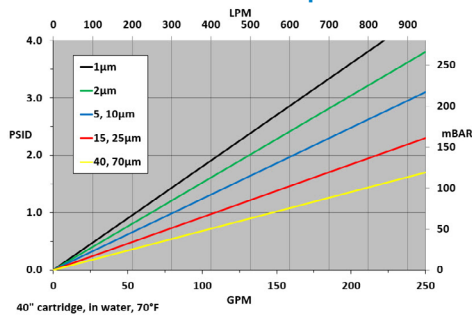
## HF3-Series High Flow Pleated Cartridge

HF3-Series High Flow Polypropylene and Microglass Filter Cartridges address your need for absolute rated filter cartridges in high flowrate and/or high solids-load applications. Thermally-bonded construction utilizing polypropylene hardware for high cleanliness and broad chemical compatibility.

Dual o-ring seal design ensures against by-pass and user friendly handle design improves ease of installation/removal. HF3-Series cartridges are designed for use as a direct replacement to the 3M 740™ series elements. Absolute ratings exceed 99% efficiencies, Nominal ratings exceed 90%.



### Flow Rate vs Pressure Drop



### 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®

### Dimensions

**Length:** 39 inches  
**Outside Diameter:** 6.25 inches

### Operating Conditions

**Change Out ΔP (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 (µ)		Absolute/Nominal	Length	O-Rings
HF3	PP = Polypropylene	1.0	15.0	A= Absolute	39" (99.1 cm)	B = Buna
Retrofits 3M™ - 740	FG = Microglass	2.0	25.0	N = Nominal		E = EPDM
		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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