

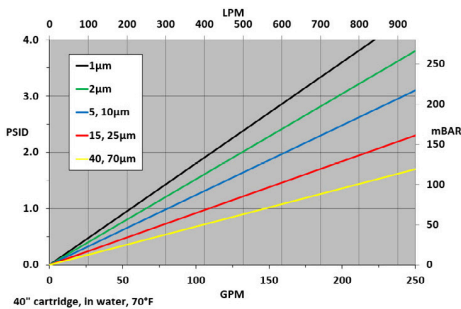
HF3-Series High Flow Pleated Cartridge

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 MediaPolypropylene or Microglass *

Support MediaPolypropylene

End CapsPolypropylene

Center CorePolypropylene

Outer Support CagePolypropylene

O-Ring/GasketBuna, EPDM, Silicone, Viton® *

Dimensions

Length 39 in (99.1 cm)

Outside Diameter 6.25 in (15.9 cm)



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.

Operating Conditions

Change Out ΔP (recommended) 35 PSID (2.4 bar)

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

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

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

Flow DirectionOutside 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

HF3	Material	Rating (µ)	Retention	Length	O-Rings
Retrofit 3M™ - 740	PP = Polypropylene	1.0	A = Absolute	39" (99.1 cm)	B = Buna
	FG = Microglass *	2.0	N = Nominal		E = EPDM
		5.0			S = Silicone
		10.0			V = Viton® *
		15.0			
		25.0			
		40.0			
		70.0			

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

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