



HF Series High Flow Cartridges
Pleated Polypropylene and Microglass

HF Series High Flow Cartridges address your need for absolute rated filter cartridges in high flowrate applications. HF Series cartridges are designed for use as a direct replacement to the Pall Highflow Ultipleat® and 3M™ 740 series elements. Filtration efficiencies exceed 99%.

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, Viton®, Silicone

Dimensions

Length:

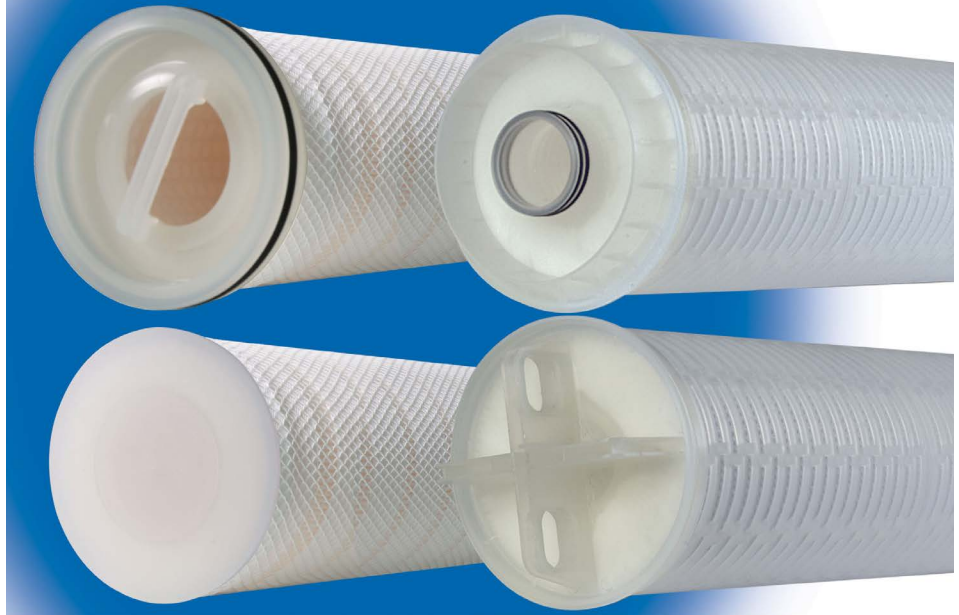
- HF - 20, 40, 60 inches
- HF3 - 39 inches

Outside Diameter:

6.25 inches

Maximum Recommended Operating Conditions

- Differential Pressure**.....35 PSI
- Polypropylene**.....160°F (71°C)
- Microglass**.....200°F (93°C)



| Clean Pressure Drop Versus Flow Rate (PSID) | | | | | | |
|---|----------|----------|-----------|-----------|-----------|------------|
| | 1 micron | 5 micron | 10 micron | 20 micron | 50 micron | 100 micron |
| ΔP @ 40 GPM | 2.0 | 1.0 | 0.5 | 0.3 | 0.2 | 0.2 |
| ΔP @ 60 GPM | 4.0 | 1.5 | 0.8 | 0.5 | 0.3 | 0.3 |
| ΔP @ 80 GPM | 5.0 | 2.0 | 1.2 | 0.7 | 0.5 | 0.5 |

ΔP is based on a 20" filter cartridge
 * Pressure Drop for 40" element multiply by 0.5
 * Pressure Drop for 60" element multiply by 0.34

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

| Type | Material | Rating (μ) | | A | Length | O-Rings |
|-----------------------|--------------------|------------|-------|---|---------------------|---------------|
| HF | PP - Polypropylene | 0.45 | 20.0 | | 20" = HF (50.8 cm) | B = Buna |
| Retrofits Pall HF | FG - Microglass | 1.0 | 50.0 | | 39" = HF3 (99.1 cm) | E = EPDM |
| | | 5.0 | 100.0 | | 40" = HF (101.6 cm) | S = Silicone |
| HF3 | | 10.0 | | | 60" = HF (152.4 cm) | V = Viton® |
| Retrofits 3M - 740 | | | | | | W= White Buna |

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.