

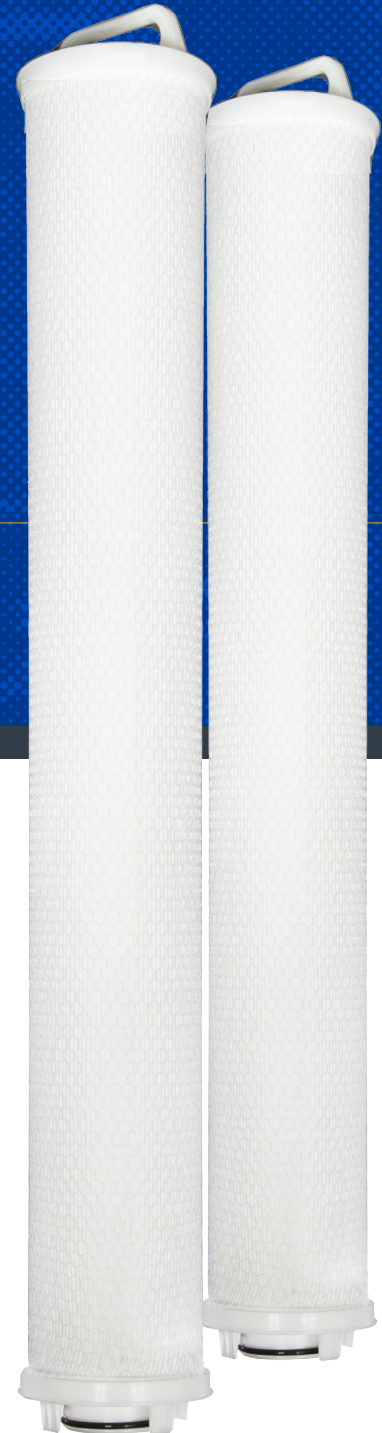


HF SERIES

High Flow Pleated Filter Cartridges

- 6.5" OD, 3" ID
- Vertical Pleat
- Outside to Inside Flow

Excellent dirt loading capacity extends life of cartridge and minimizes disposal and labor costs.



SUITABLE USES



Air & Gas



Desalination



Coolant



Water



Electronics



Coatings



Oil & Gas



Chemical



Pulp & Paper



Power



Marine



Equipment

COMPATIBLE HOUSINGS

Compatible with Fil-Trek's High Flow Vertical (HFV) and High Flow Horizontal (HFH) housings.

ADDITIONAL FEATURES

Capable of accommodating up to 500 gpm in a single filter.

A unique locking base with o-ring provides a positive seal.

Outside to inside flow suited for both high dirt loading and high flow applications.

Absolute rated and available in microns ranging from 1 to 70 and are FDA compliant.

Comparable to the 3M/CUNO High Flow series filters.

For more information, e-mail:
info@fil-trek.com or visit Fil-Trek.com

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ELEMENT SPECIFICATIONS

| | | |
|--------------------------------|---|---------------|
| REC. OPERATING PRESSURE | 35 PSID (2.4 bar) @68° F (20° C) | |
| MAX. OPERATING PRESSURE | 50 PSID (3.4 bar) @68° F (20° C) | |
| REC. FLOW RATE | 50 GPM (40", 75 GPM (60") | |
| MAX. FLOW RATE | 350 GPM (40"), 500 GPM (60") | |
| DIMENSIONS | | |
| Outside Diameter | 6.5" (16.5 cm) | |
| Inside Diameter | 3" (7.6 cm) | |
| Lengths | 20", 40", 60", 80" (50.8 cm, 101.6 cm, 152.4 cm, 203.2 cm) | |
| MAX. TEMPERATURE | | |
| Polypropylene | 180° F (82° C) | |
| Polyester | 240° F (115.5° C) | |
| Microglass | 300° F (149° C) | |
| Cellulose | 300° F (149° C) | |
| Cotton | 300° F (149° C) | |
| Nylon | 340° F (171.1° C) | |
| Nomex | 400° F (204.4° C) | |
| MEDIA SURFACE AREA | 24ft ² (7.3m ²) per 20" length | |
| MATERIALS AVAILABLE | | |
| Media | Outer Support | Core |
| Polypropylene | Polypropylene | Polypropylene |
| Polyester | Polyester | Steel |
| Microglass | Nylon | |
| Cotton | Steel | |
| Cellulose | | |
| Nylon | | |
| Nomex | | |
| End Caps | O-Rings | |
| Polypropylene | Buna-N | |
| Microglass | EPDM | |
| Nylon | Silicone | |
| Steel | Viton | |

FDA LISTED MATERIALS All materials comply with FDA Title 21.

FLUID COMPATIBILITY

The below data is for reference only. Factors including length of exposure, concentration of fluid, temperature must also be considered. Please contact us to confirm process compatibility.

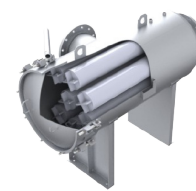
| CHEMICAL | TEMPERATURE |
|------------------------|--------------|
| ACETIC ACID 20% | 160°F (71°C) |
| ALKANOLAMINES | 140°F (60°C) |
| AMMONIUM HYDROXIDE 10% | 160°F (71°C) |
| BLEACH 5.5% | 120°F (49°C) |
| ETHYLENE GLYCOL | 160°F (71°C) |
| HYDROGEN PEROXIDE | 100°F (38°C) |
| METHYL ETHYL KETONE | 70°F (21°C) |
| MINERAL OIL | 70°F (21°C) |
| NITRIC ACID 20% | 120°F (49°C) |
| POTASSIUM HYDROXIDE | 140°F (60°C) |
| SODIUM CARBONATE | 160°F (71°C) |
| SODIUM HYDROXIDE 70% | 160°F (71°C) |
| SULFURIC ADIC 20% | 160°F (71°C) |
| SULFURIC ACID 70% | 160°F (71°C) |
| UREA | 160°F (71°C) |

*Based on polypropylene media w/ buna-n seals

COMPATIBLE HOUSINGS

HIGH FLOW VERTICAL AND HORIZONTAL HOUSINGS

Available in ASME code and non-code designs, highly customizable housing, vertical and horizontal orientation. Flow rates up to 8750 GPM. Available in a variety of materials, and headlift/closure options. Duplexing and skid systems available.



 [View HFV Details](#)

 [View HFH Details](#)



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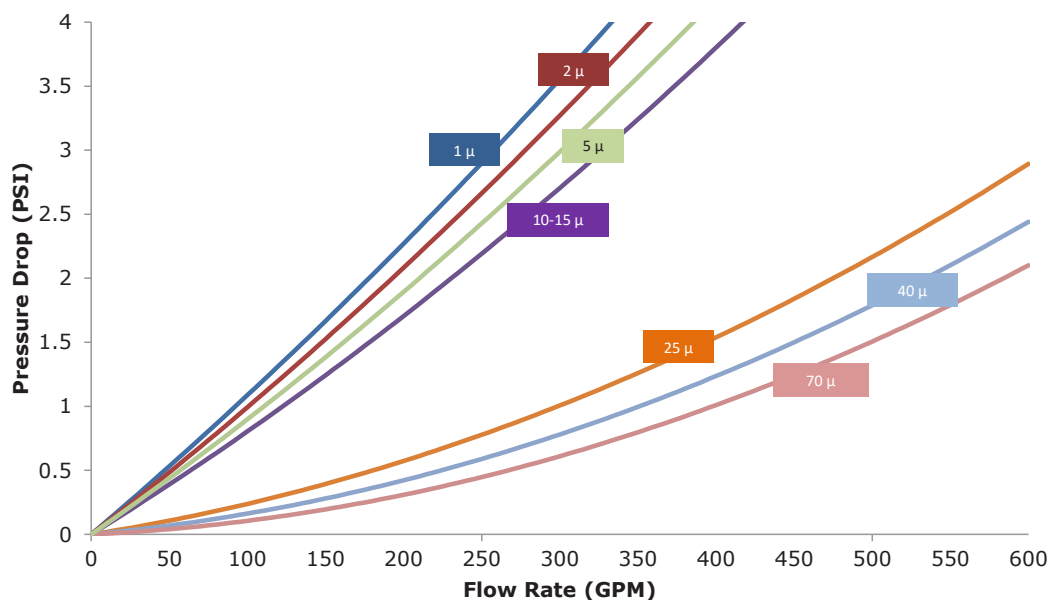
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FLOW CHART



Flow rates are representative of 60' long, polypropylene media

PRODUCT NOMENCLATURE

| HF | | -1 | -60 | | -VI |
|-----------------------|--|--|----------------------|--|---|
| MODEL | MEDIA | MICRON | LENGTH | CORE/CAPS | O-RING |
| HF – High Flow Series | Blank - Polypropylene (std) PE - Polyester MG - Microglass CO - Cotton CE - Cellulose NY - Nylon NX - Nomex | 1 15 2 25 5 40 10 70 | 20 40 60 80 | Blank - Polypropylene (std) TN - Tinned Steel | BN – Buna-N (std) ED – EPDM SI – Silicone VI – Viton |

Additional customization may be available, contact Fil-Trek for part number information