



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

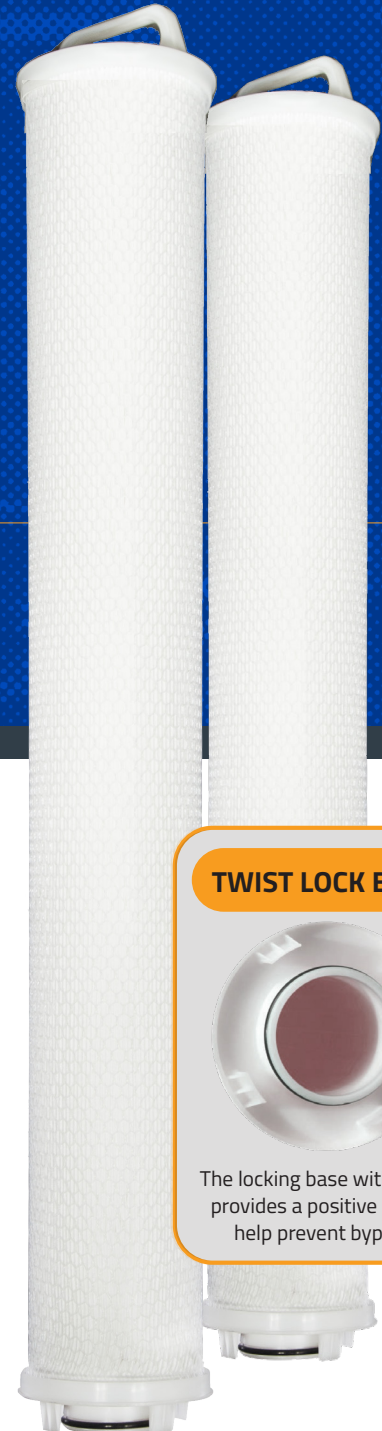
Capable of accommodating up to 300 gpm in a single filter.

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.



TWIST LOCK BASE



The locking base with o-ring provides a positive seal to help prevent bypass.

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	300 GPM	
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 (2.2m 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.

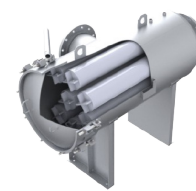
CHEMICAL	TEMPERATURE
ACETIC ACID 20%	160°F (71°C)
ALKANOLAMINES	140°F (60°C)
AMMONIUM HYDROXIDE 10%	160°F (71°C)
BLEACH 5.5%	120°F (49°C)
ETHYLENE GLYCOL	160°F (71°C)
HYDROGEN PEROXIDE	100°F (38°C)
METHYL ETHYL KETONE	70°F (21°C)
MINERAL OIL	70°F (21°C)
NITRIC ACID 20%	120°F (49°C)
POTASSIUM HYDROXIDE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



55 Stafford Court, Cambridge, ON N1T 1B3 **P** (519) 623-7448 **F** (519) 623-8807

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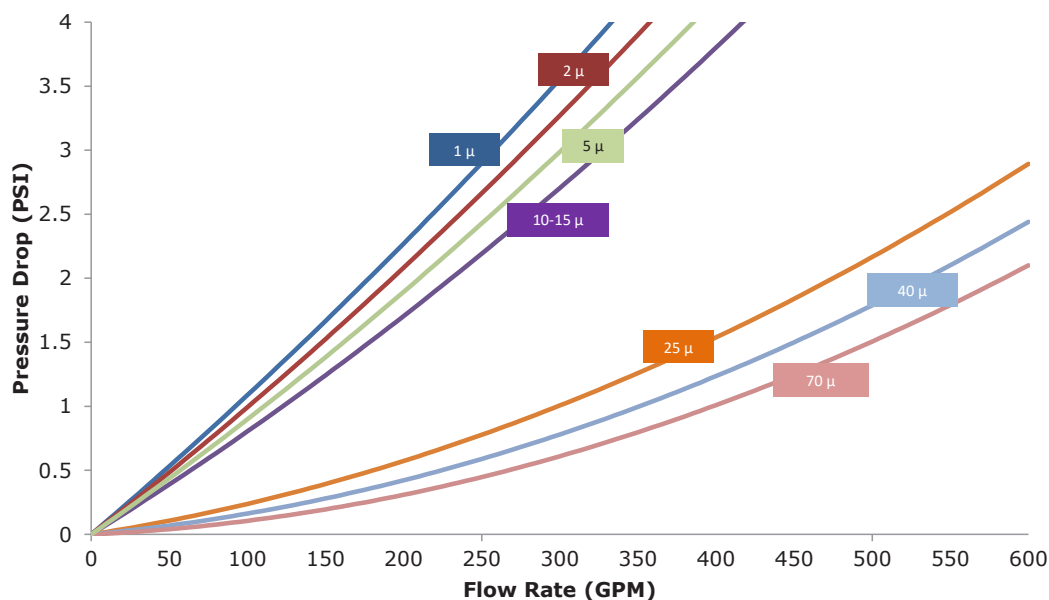
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FLOW CHART



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	.5 15 1 25 2 40 5 70 10	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