



# ULTRA FLOW

## Absolute Rated High Flow Filter Cartridges

- 6" OD, 2.75" ID
- Complies with NSF/ANSI Standard 61
- Inside to Outside 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

**ADDITIONAL FEATURES** Absolute rated, 6" diameter, pleated polypropylene cartridge filters.

Complies to NSF/ANSI Standard 61 for polypropylene media, contact Fil-Trek for certification details.

Capable of high flow rates of up to 300 GPM per 60" element.

External netting adds additional support and built in handle makes filter change out fast, easy and safe.

Thermally bonded.

**COMPATIBLE HOUSINGS** Fil-Trek UFV and UFH Series housings

For more information, e-mail: [info@fil-trek.com](mailto:info@fil-trek.com) or visit [Fil-Trek.com](http://Fil-Trek.com)

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## ELEMENT SPECIFICATIONS

**MAX. OPERATING TEMPERATURE & PRESSURE** 20 PSID (1.4 bar) @180°F (82°C)  
30 PSID (2.1 bar) @160°F (71°C)  
50 PSID (3.4 bar) @77°F (25°C)

**REC. CHANGE OUT PRESSURE** 35 PSID (2.4 bar)

### DIMENSIONS

Outside Diameter 6" (15.2 cm)

Inside Diameter 2.75" (6.9 cm)

Lengths 20", 40", 60"  
(50.8cm, 101.6 cm, 152.4 cm)

**SURFACE AREA** 20" length—24 ft<sup>2</sup> (2.2 m<sup>2</sup>)  
40" length—49 ft<sup>2</sup> (4.6 m<sup>2</sup>)  
60" length—73 ft<sup>2</sup> (6.8 m<sup>2</sup>)

**MAX. TEMPERATURE** 176°F (80°C)

### MATERIALS AVAILABLE

Media/Support/Netting Polypropylene

End Caps Polypropylene

O-Rings Buna-N, EPDM, Silicone, Viton

### FDA LISTED MATERIALS

All materials comply with FDA Title 21 of the Code of Federal Regulations Sections 174.5 and 177.1520 as applicable for food and beverage contact.

### CERTIFICATIONS

Complies to NSF/ANSI Standard 61 for materials requirements only—component. Contact Fil-Trek for certification details.

## REMOVAL EFFICIENCY

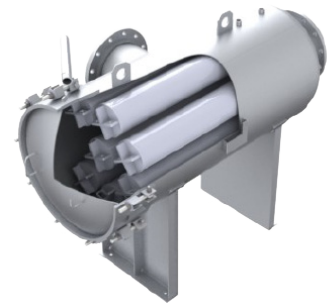
MICRON	99.9% Beta 1000	99% Beta 100	90% Beta 10
1	1	0.6	0.2
3	3	2	1.5
5	5	4	3
10	10	8.5	6.5
20	22	19	14
40	38	18	15
60	60	35	20
100	100	75	45

$$\text{BETA RATIO} = \frac{\text{Upstream Particle Count}}{\text{Downstream Particle Count}}$$

## COMPATIBLE HOUSINGS

### ULTRA 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 UFV Details](#)

[View HFH Details](#)

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### HIGH FLOW PRESSURE DROP

MICRON	ELEMENT PRESSURE DROP PSID/GPM			ELEMENT PRESSURE DROP Mbar/M3/HR		
	20"	40"	60"	20"	40"	60"
1	0.0200	0.0097	0.0065	6.0845	2.9395	1.9820
3	0.0167	0.0081	0.0054	5.0705	2.4495	1.6516
5	0.0076	0.0037	0.0025	2.3179	1.1198	0.7550
10	0.0046	0.0022	0.0015	1.3908	0.6719	0.4530
20	0.0021	0.0010	0.0007	0.06374	0.3079	0.2076
40	0.0017	0.0008	0.0006	0.5215	0.2520	0.1699
60	0.0015	0.0007	0.0005	0.4552	0.2199	0.1483
100	0.0010	0.0005	0.0003	0.3035	0.1466	0.0989

### PRODUCT NOMENCLATURE

UF	-1	-60	-VI	-61
MODEL	MICRON	LENGTH	O-RING	OTHER
UF – Ultra Flow Series	1 3 5 10 20	20 40 60	BN – Buna-N (std) ED – EPDM SI – Silicone VI – Viton	61 – Complies with NSF/ANSI Standard 61

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