Fulflo® HF Depthflo™ Filter Cartridges

High capacity pleated microglass filter optimized for high-flow and high dirt-holding

The Fulflo® HF Depthflo™ microglass pleated filter cartridges are offered in 6" diameter x 80" lengths. The high surface area filter media is supported with a tin plated steel core and outer cage utilizing an external O-ring seal with a closed cap. The Fulflo® HF Depthflo™ pleated filter cartridge is targeted for natural gas, oil production, salt dome storage, and high dirt process applications.

The Fulflo® HF Depthflo™ pleated filter cartridge is designed to reduce the overall cost of filtration by minimizing the frequency of change-outs to lower labor time and production downtime.

Contact Information

Parker Hannifin Corporation
domnick hunter
Process Filtration - North America
2340 Eastman Avenue

Oxnard, California, USA 93030
toll free +1 877 784 2234
phone +1 805 604 3400
fax +1 805 604 3401
dhpsales.na@parker.com

www.parker.com/processfiltration

Benefits

- Fewer Element Change-outs
- Lower Maintenance Costs
- Lower Disposal Costs
- Smaller Filter Vessels

Applications

- Natural gas
- Salt dome storage
- Oil production
- High-dirt oil process applications

Features

- High performance depthflo media for gels and deformable particles
- Fine fibers provide maximum dirt holding, high-flow for long life
- Rates, and particle removal cut off
- Dual drainage layers prevent fiber migration and assure even flow distribution
- High efficiency

SPECIFICATIONS

Materials of Construction

Filter Media Options
- Microglass with nylon support
- Microglass with polyester support
- Microglass with polypropylene support

Outer Cage/Inner core
- Tin plated steel

End cap
- Nylon high flow single open-end with handle and external O-ring

Seal Materials
- Buna-N, EPDM, Silicone, Viton®

Dimensions:

Cartridge Outside Diameter:
- 6 in.

Cartridge Inside Diameter:
- 3-½ in.

Cartridge Length:
- 80 in.

Maximum Flow Rate:

350 gpm

Maximum Differential Pressure:

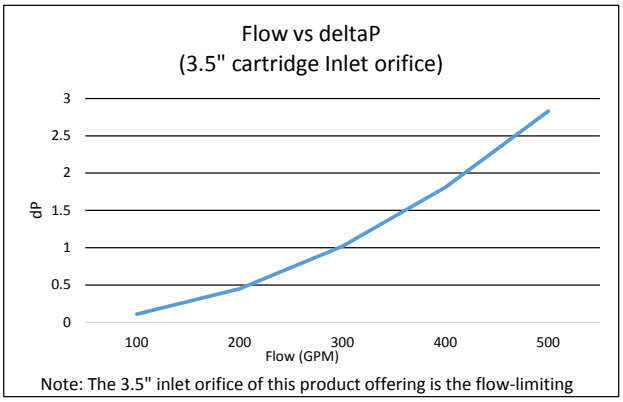
70 lb.

Maximum Recommended Operating Conditions:

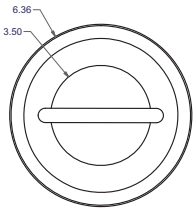
- Glass media with Polypropylene support is recommended for most applications where the operating temperature is up to 180 °F with no presence of Hydrocarbons.
- Glass media with Polyester support is recommended for most applications where the operating temperature is up to 258 °F with no presence of Amines.
- Glass media with Nylon support is recommended for most applications where the operating temperature is up to 300 °F.

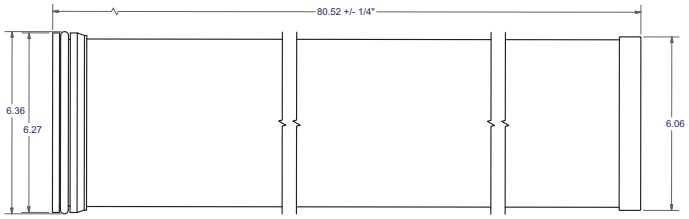
Liquid Particle Retention Ratings (µm) @ Removal Efficiency of:

ß=5000 Absolute	ß=1000 99.9%	ß=100 99%	ß=50 98%	ß=20 95%
0.45	0.3	<0.1	<0.1	<0.1
1	0.6	0.2	<0.1	<0.1
2	1.2	0.4	0.2	0.1
4.5	2.8	1	0.45	0.3
10	7	3.5	1.6	1.2
20	16	8	4	2.5
40	32	20	11	8
50	40	30	13	10
100	85	65	30	25



Note: The 3.5" inlet orifice of this product offering is the flow-limiting





Ordering Information

HF — [ ][ ] — [ ] 80 [ ] CS

Cartridge Series
High Flow 80"

Media	
Code	Description
GN	Microglass media with nylon support
GP	Microglass media with polyester support
PP	Microglass media with polypropylene support

Micron Rating	
Code	Micron
0-45	.45
1-0	1.0
2-0	2.0
4-5	4.5
10	10
20	20
40	40
50	50
100	100

Efficiencies	
Code	Description
A	Absolute (ß=5000)
N	Nominal (ß=10)

Length	
Code	Inches/mm
80	80

Seal Material	
E	EPDM
N	Buna-N
S	Silicon
V	Viton®

Body Material	
CS	Tin plated steel

Specifications are subject to change without notification.
For User Responsibility Statement, see www.parker.com/safety