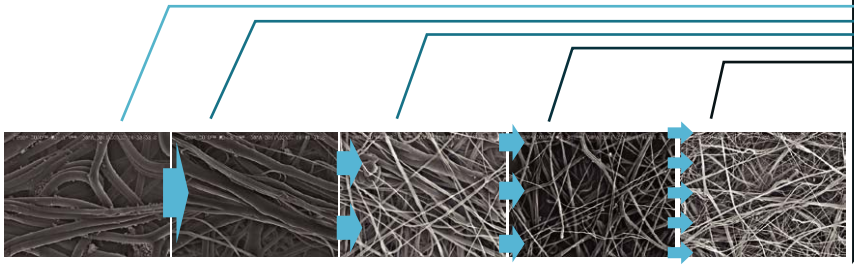
BevClear® HF Filter Cartridges

Pleated High Flow Filter

BevClear® HF Filter Cartridge is a large diameter filter for high flow applications. The filter has a single-open pleated construction with a 6"/152mm diameter, high filtration area, and high flow rates up to 90m³/hr. It can be used in a wide variety of application with large flow rate requirements and short downtime for change-out.



Features and Benefits

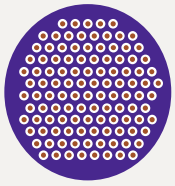
- Large filtration area provides high flow rates combined with low pressure drops and long service life
- The unique media structure ensures high particle retention rates
- Flow rate configuration from inside out ensures that all contamination is held within the single-open end of the filter
- Quick and easy change-out.
- Complies with Food Contact Regulations: FDA 21CFR177-182 and 1935/2004 EC

Comparison of Housing Dimension and Element Number

150m³/h

High Flow Filtration System

Pleated Cartridge Filtration System



Depth Filter System

Easy and Safe
Cartridge Replacement

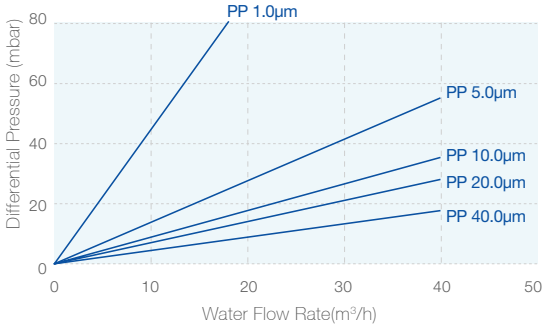
Materials of Contruction

Filter Media	Pleated Polypropylene depth structure
Support/ Drainage	Polypropylene
End Caps	Glass-Filled Polypropylene
Core	Polypropylene
Outside Material	PP Cage
Maximum Temperature	80°C
Max. Differential Pressure	4.0bar@21°C 1.5bar@80°C

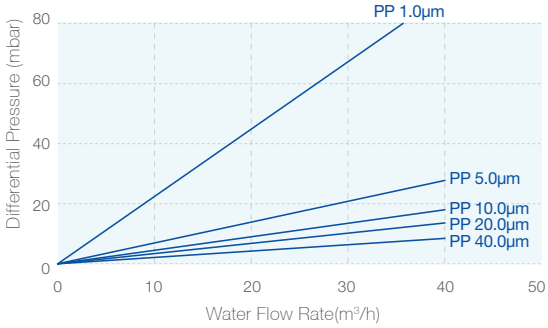
Operating Conditions II

Dimension	Design Flow	Max. Flow Rate	Effective Filtration Area
6" *20"	15 m^3/h	30 m^3/h	2.6 m^2
6" *40"	30 m^3/h	60 m^3/h	5.2 m^2
6" *60"	45 m^3/h	90 m^3/h	7.8 m^2
6" *80"	60 m^3/h	120 m^3/h	10.4 m^2

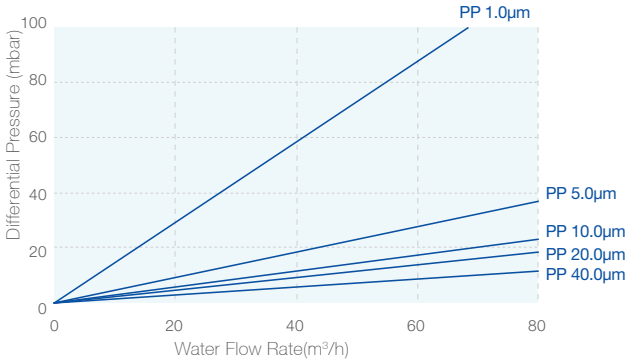
Flow Rate Characteristics



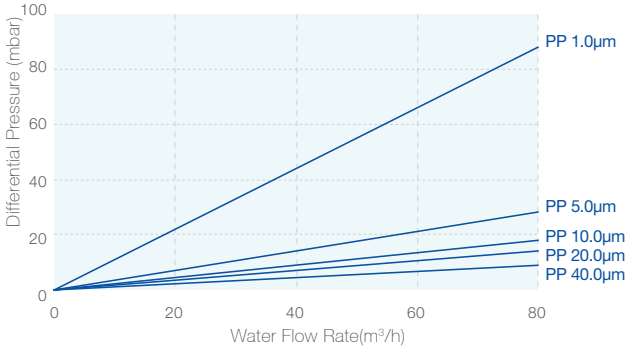
Test Criteria: Single filter (20inch length) cartridge, water at 20°C,1.005cP



Test Criteria: Single filter (40inch length) cartridge, water at 20°C,1.005cP



Test Criteria: Single filter (60inch length) cartridge, water at 20°C,1.005cP



Test Criteria: Single filter (80inch length) cartridge, water at 20°C,1.005cP

Ordering Information

BCHF	Filter Media	Removal Ratings		Nominal Length	Seal Material	-F
	PP	**0045**=0.45μm	**0500**=5.0μm	**20**=20"(528mm)	**S**=Slilicone	
		0050=0.5μm	**1000**=10μm	**40**=40"(1028mm)	**E**=EPDM	
		0065=0.65μm	**1500**=15μm	**60**=60"(1540mm)	**V**=Viton	
		0080=0.8μm	**2000**=20μm	**80**=80"(2032mm)		
		0100=1.0μm	**4000**=40μm			
		0200=2.0μm	**7000**=70μm			
		0300=3.0μm	**9000**=90μm			