



## Pleated High Flow Filter Cartridge for Pall Ultiplex Replacement

This is one kind of universal high flow filter cartridge. The large diameter with larger filtration area insures to reduce the number of filter cartridges and the dimension of housing required. The long service life and high flow rate result in low investment and less manpower in many applications.

### BENEFITS

- Higher filtration area even up to 8m<sup>3</sup>, higher flow capability.
- Higher dirt holding capability, longer service life.
- We can meet different application requirement by designing different layers for the filter structure.
- Nominal micron rating and absolute micron rating are available.

### APPLICATIONS

- Sea water desalination
- Food and beverage
- Microelectronics
- Oil & Chemical
- Machinery and equipment
- Power plant water treatment
- Steel mill water treatment

### Outside Diameter

6 inch(152mm)

### Filter Media

Pleated glass fiber  
Pleated depth Polypropylene (PP)  
PP Melt blown

### Support/Drainage

Polypropylene (PP)

### Removal Rating ( $\mu\text{m}$ )

0.5	1	3	5	10	20	25
50	70	100				

### Length ( " )

20 (528mm)	40 (1022mm)
60 (1538mm)	

### Seal Material

E = EPDM	B = NBR	F = E-FKM
V = Viton	S = Silicone	

### Maximum Operating Temperature

Pleated Glass Fiber: 121°C  
Pleated PP: 80°C  
Melt Blown PP: 65°C

### Maximum Operation Differential

#### Pressure

3.0 Bar @ 21°C

### Recommended Change out Differential

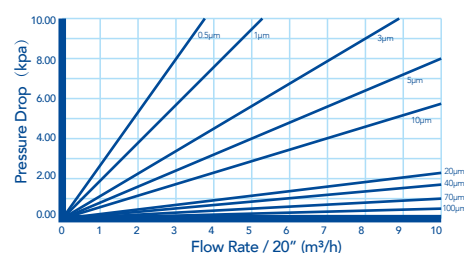
#### Pressure

1.8-2.4 Bar @ 20°C

### Suggested Maximum Flow of water

20 inch length : 660LPM  
40 inch length : 1,300LPM  
60 inch length : 1,900LPM

### Flow Characteristics



	Max. Flow Rate	Recommended Flow Rate
60inch	113m³/hr	50m³/hr
40inch	75m³/hr	33m³/hr
20inch	38m³/hr	17m³/hr

## ORDERING CODE

Example : HMPHF-PN-5-40-C-S

	Media	Removal Rating	Length	Outside Type	Seal Material
HMPHF	<b>GF</b> = Glass Fiber <b>PN</b> = PP Nominal <b>PA</b> = PP Absolute <b>MB</b> = PP Melt Blown	<b>0.5</b> = 0.5 $\mu\text{m}$ <b>1</b> = 1 $\mu\text{m}$ <b>3</b> = 3 $\mu\text{m}$ <b>5</b> = 5 $\mu\text{m}$ <b>10</b> = 10 $\mu\text{m}$ <b>25</b> = 25 $\mu\text{m}$ <b>50</b> = 50 $\mu\text{m}$ <b>70</b> = 70 $\mu\text{m}$ <b>100</b> = 100 $\mu\text{m}$	<b>20</b> = 20" <b>40</b> = 40" <b>60</b> = 60"	<b>B</b> = Belt <b>C</b> = Cage <b>6</b> = SS316L <b>4</b> = SS304	<b>S</b> = Silicone <b>B</b> = Buna <b>E</b> = EPDM <b>V</b> = Viton <b>F</b> = E-FKM