

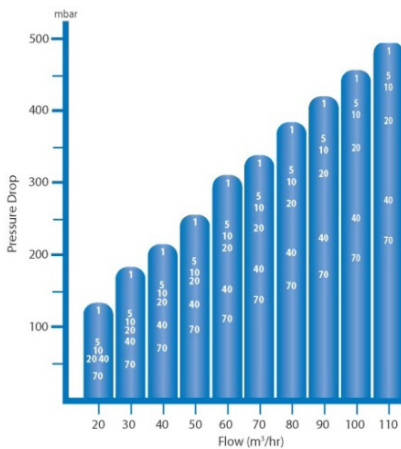
# Premier Pleat High Flow

PPP- HF | Cartridge Filters (High Surface Area – Special)

*Veolia's range of cartridge filter elements are available in various specifications to suit your seawater filtration needs at competitive rates. For pricing and part numbers please contact your local office.*

MATERIALS OF CONSTRUCTION	
Filter Media	Polypropylene
Support Media	Polypropylene
Core	Polypropylene
End Caps	Glass Fibre Reinforced Polypropylene
Seal	EPDM

TECHNICAL DATA	
Micron Ratings (μ)	1, 5, 10, 20, 40, 70
Lengths (")	60
Surface Area (m <sup>2</sup> )	13.5
Outer Diameter (")	6
Maximum Operating Temperature (°C)	82
Maximum Operating Pressure Differential (bar)	3.4
Maximum Recommended Change out Pressure Differential (bar) at Temperature (°C)	2.4 at 20



### Flow Rate vs. Pressure Drop

Pressure drop data obtained using water at 20° C per 9% filter. Data represented using its micron rating in the chart below.

**Note:** 1μ has 10.43m<sup>2</sup> surface area.



60" PPP-HF  
Compared with  
A traditional  
10" PPP

### CONSTRUCTION NOTES

Constructed from high flow pleated filter media that provides absolute removal (99.2+%) of particulate

- Cartridges are supported and protected by an internal core, with the media protected by a soft polypropylene outer wrap
- Polypropylene end caps are reinforced with glass fibre for added strength
- Multi layered graded pore density

### KEY FEATURES

- Low pressure drop
- Excellent dirt holding capacity
- Graded density decreases blinding
- Excellent temperature / oil resistance
- Provides lower total cost of filtration operations

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