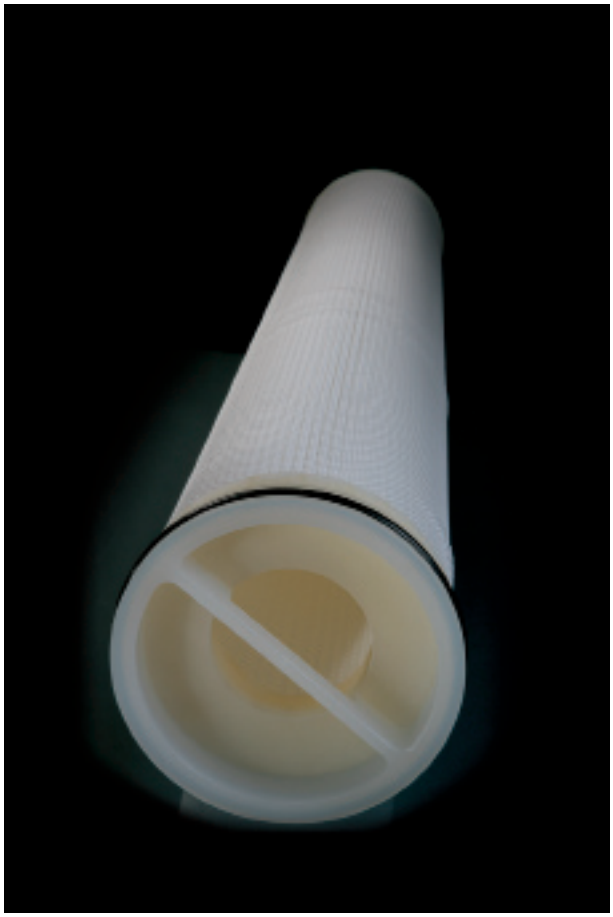
PARMAX Filter Cartridges

- liquid filters
- large diameter high flow polypropylene / glass fibre

The best of pleated and large diameter technologies are combined in PARMAX high flow filter cartridges.

The unique layered construction provides excellent retention across a wide range of flux rates. One six inch diameter cartridge can handle up to 120 m^3 / hr flow (60¨ length). The inside to outside flow allows for a high contaminant holding capacity and a long filter life which makes the PARMAX an ideal choice for a wide variety of critical process applications.

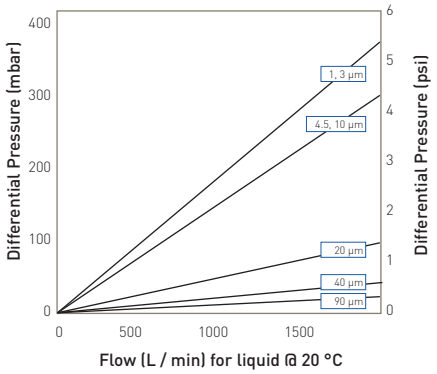
PARMAX cartridges are available with polypropylene and glass microfibre in absolute (99.98%) micro ratings from 1 to 90 microns. The best of pleated and large diameter technologies are combined in PARMAX high flow filter cartridges.



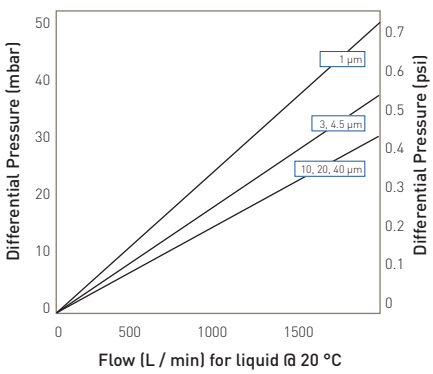
Features and Benefits

- Large diameter yields much higher flow rates compared to traditional filters
- High flow capacity allows for fewer elements and less capital expenditure
- Inside-out flow pattern ensures positive capture of contaminants
- Absolute retention ratings for critical filtration

Performance Characteristics



Water flow rate based on a 60¨ size cartridge (polypropylene)



Water flow rate based on a 60¨ size cartridge (glass fibre)

Specifications

Materials of Construction

- Filtration Media: Polypropylene, Glass fibre
- Support / Drainage: Polypropylene
- Hardware: Polypropylene
- Standard o-rings (SOE): EPDM, Buna-N, Viton, Silicone

Retention Ratings (99.98%)

1, 3, 4.5, 10, 20, 40 and 90** µm

***Only available in the RCP version*

Maximum Operating Temperature

80 °C (176 °F) @ 2.1 bar (30 psi)

Maximum Differential Pressure

4.8 bar (70 psi) @ 25 °C (77 °F)
2.1 bar (30 psi) @ 80 °C (176 °F)

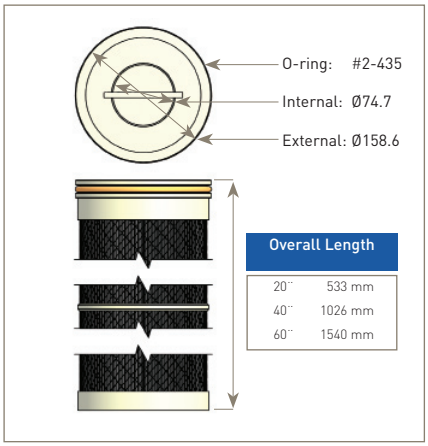
Recommended Flow Rate Conditions

20¨ : Up to 40 m^3 / hr
40¨ : Up to 80 m^3 / hr
60¨ : Up to 120 m^3 / hr

Recommended Change Out Pressure

2.41 bar (32 psi)

Dimensions (Nominal)



Applications

- Process Water
- Power Generation
- Speciality Chemicals
- Water Treatment
- Photochemistry

Ordering Information

Code | Material	
RCP	Polypropylene
RMG	Glass fibre

Code | Micron		
010	1.0	µm
030	3.0	µm
045	4.5	µm
100	10.0	µm
200	20.0	µm
400	40.0	µm
900*	90.0	µm

** Only in polypropylene media (RCP)*

Code | Length (Nominal)		
2	20¨	(508 mm)
4	40¨	(1016 mm)
20	60¨	(1524 mm)

Code | Seal Material	
E	EPDM
N	Buna N
S	Silicone
V**	Viton

Code | Endcap Configuration	
PP	435 o-ring / closed

***Viton is a registered trademark of E.I. DuPont de Nemours & Co., Inc*

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