



PARMAX Filter Cartridges

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

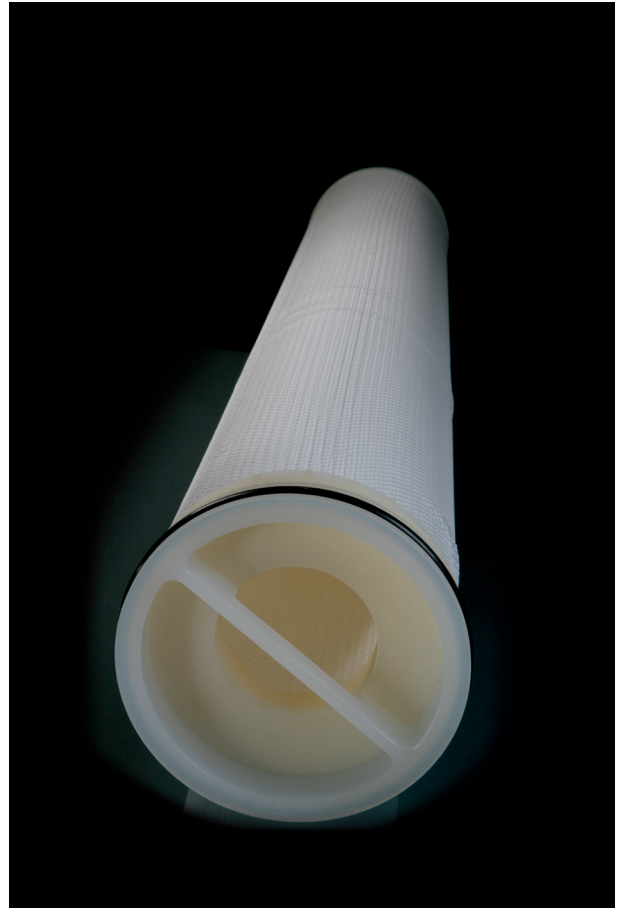
The best of pleated and large diameter technologies are combined in Parker domnick hunter's PARMAX high flow filter cartridges.

The unique layered construction provides excellent retention across a wide range of flux rates. One six inch diameter cartridge can handle up to 120 m³ / 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.

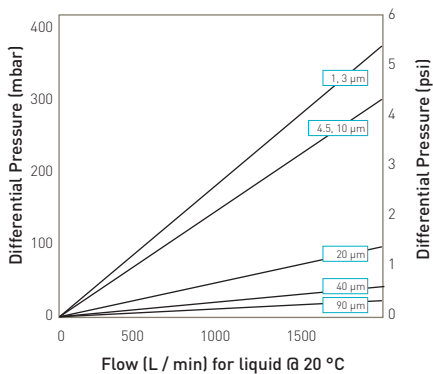
PARMAX cartridges are available with polypropylene and glass microfibre in absolute (99.98%) micro ratings from 1 to 90 microns. The best of pleated and large diameter technologies are combined in Parker domnick hunter's PARMAX high flow filter cartridge.

Features and Benefits

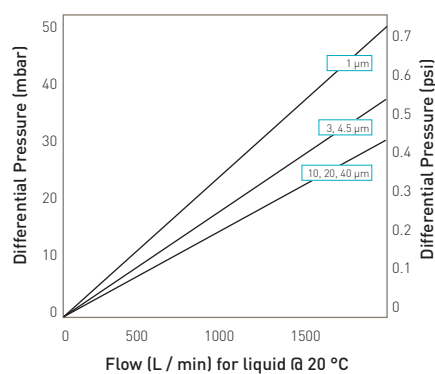
- Large diameter yields much higher flow rates compared to traditional filters
- High flow capacity allows for fewer elements and less capital expenditure
- Inside-out flow pattern ensures positive capture of contaminants
- Absolute retention ratings for critical filtration



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 m³ / hr

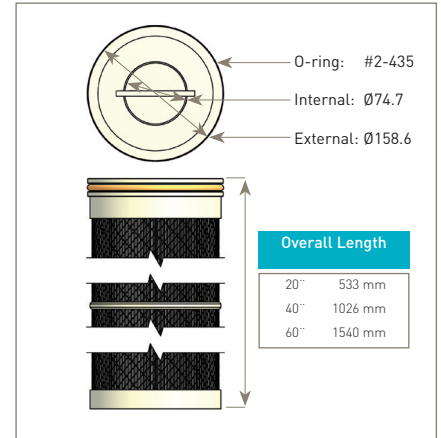
40" : Up to 80 m³ / hr

60" : Up to 120 m³ / 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	Code Micron	Code Length (Nominal)	Code Seal Material	Code Endcap Configuration
RCP Polypropylene	010 1.0 µm	2 20" (508 mm)	E EPDM	PP 435 o-ring / closed
RMG Glass fibre	030 3.0 µm	4 40" (1016 mm)	N Buna N	
	045 4.5 µm	20 60" (1524 mm)	S Silicone	
	100 10.0 µm		V** Viton	
	200 20.0 µm			
	400 40.0 µm			
	900* 90.0 µm			

* Only in polypropylene media (RCP)

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