



PARMAX Filter Cartridges

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

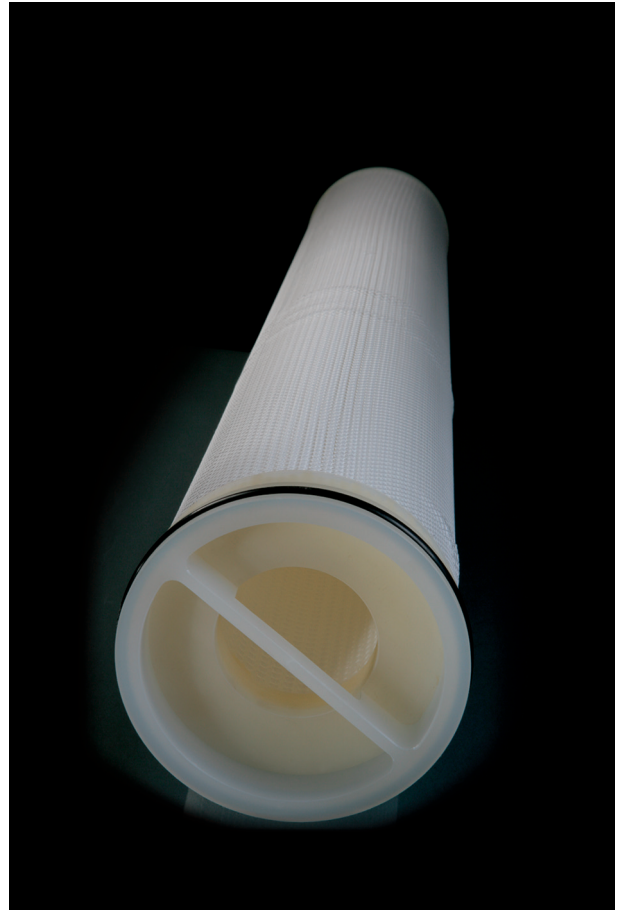
The best of pleated and large diameter technologies are combined in Parker domnick hunter's PARMAX high flow filter cartridges.

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.

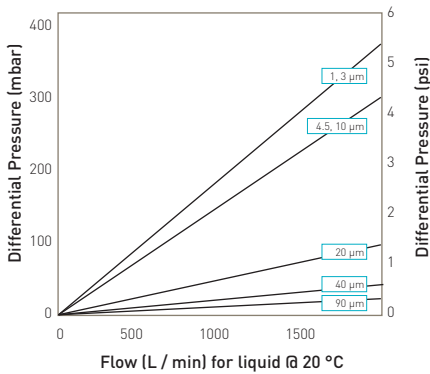
PARMAX cartridges are available with polypropylene and glass microfibre in absolute (99.98%) micro ratings from 1 to 90 microns. The best of pleated and large diameter technologies are combined in Parker domnick hunter's PARMAX high flow filter cartridge.

Features and Benefits

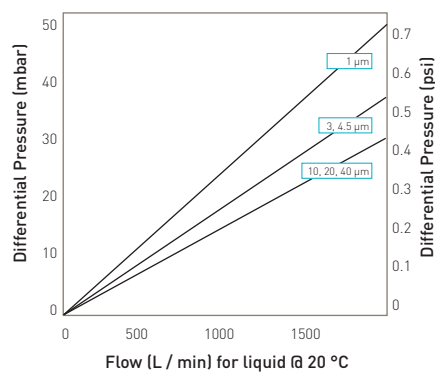
- Large diameter yields much higher flow rates compared to traditional filters
- High flow capacity allows for fewer elements and less capital expenditure
- Inside-out flow pattern ensures positive capture of contaminants
- Absolute retention ratings for critical filtration



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

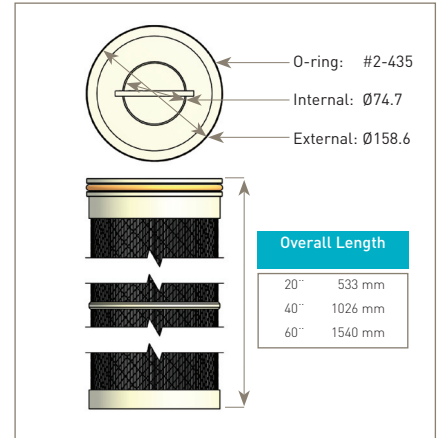
40" : Up to 80 m³ / hr

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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Parker domnick hunter has a continuous policy of product development and although the Company reserves the right to change specifications, it attempts to keep customers informed of any alterations. This publication is for general information only and customers are requested to contact our Process Filtration Sales Department for detailed information and advice on a products suitability for specific applications. All products are sold subject to the company's Standard conditions of sale.

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Map and Directions to Prosep Filters Limited



Leave M62 at Junction 24.

At roundabout adjacent to Cedar Court Hotel take 2nd exit onto dual carriageway (A629), signposted Halifax.

Take 1st exit slip road.

At roundabout at end of sliproad, take 3rd exit off.

This is the entrance to Lowfields Business Park.

Proceed straight over 1st roundabout.

At next roundabout take 2nd exit onto River Bank Way - Prosep Filters can be found on the left after the S-bend.

[Link to Google Maps](#)