



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.

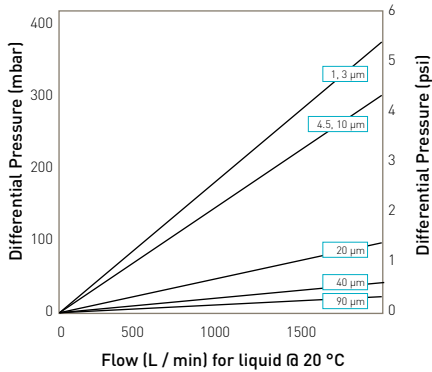
PARMAX cartridges are available with polypropylene and glass microfibre in absolute (99.98%) micro ratings from 1 to 90 microns. The best of pleated and large diameter technologies are combined in Parker domnick hunter's PARMAX high flow filter cartridge.



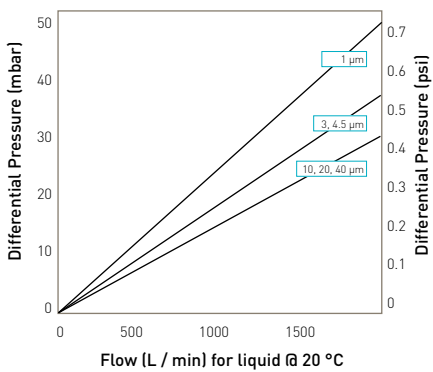
Features and Benefits

- 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)

PARMAX Filter Cartridges

Specifications

Materials of Construction

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

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)

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)

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 RMG Glass fibre	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	2 20" (508 mm) 4 40" (1016 mm) 20 60" (1524 mm)	E EPDM N Buna N S Silicone V** Viton	PP 435 o-ring / closed

* Only in polypropylene media (RCP)

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