

ParMax™

High-Flow Filter Cartridges



High Flow and High Dirt Holding Capacity Pleated Filter Cartridges

The best of pleated and large diameter technologies are combined in Parker's ParMax™ high flow filter cartridges. The unique layered construction provides excellent retention across a wide range of flux rates. One 152.4mm (6") diameter cartridge can handle up to 113 m³/h flow (60" length).

The inside to outside flow allows for a high contaminant holding capacity and a long filter life. ParMax™ cartridges are available with polypropylene and microfibreglass media in absolute (99.98%) micro ratings from 1 to 90 microns.



Applications:

- Process Water
- Power Generation
- Specialty chemicals
- Food and Beverage

Product Features:

- Large diameter yields much higher flow rates compared to traditional (2.5") 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
- All materials listed as acceptable for potable and edible contact according to CFR Title 21

ParMax™

Specifications

Filtration Rating

99.98% at specified micron rating

Materials of Construction

Filter Media: RCP - Polypropylene
 RMG - Microfibreglass
 Support Layers: Polypropylene
 Support Core: Polypropylene

Dimensions

OD: 165.1 mm
 ID: 63.5 mm

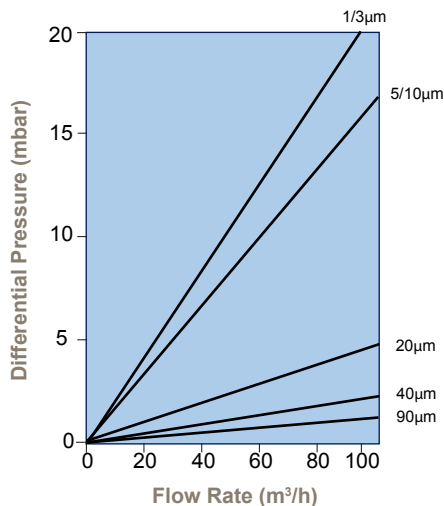
Maximum Operating Conditions

Max Temperature: 80°C at 2.1 bar
 Max Pressure: 4.8 bar at 25°C
 2.1 bar at 80°C
 Max Flow Rate: 650 l/min per 20"
 1300 l/min per 40"
 1850 l/min per 60"

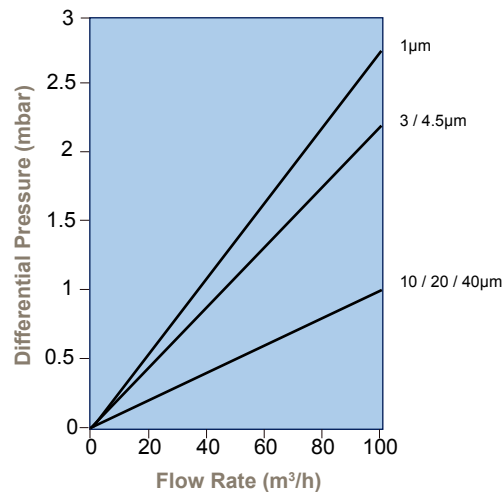
Recommended Operating Conditions

Change-Out Pressure: 2.4 bar

Flow rate vs. ΔP
 (1 cks liquid @ 23°C)



Flow rate vs. ΔP
 (1 cks liquid @ 23°C)

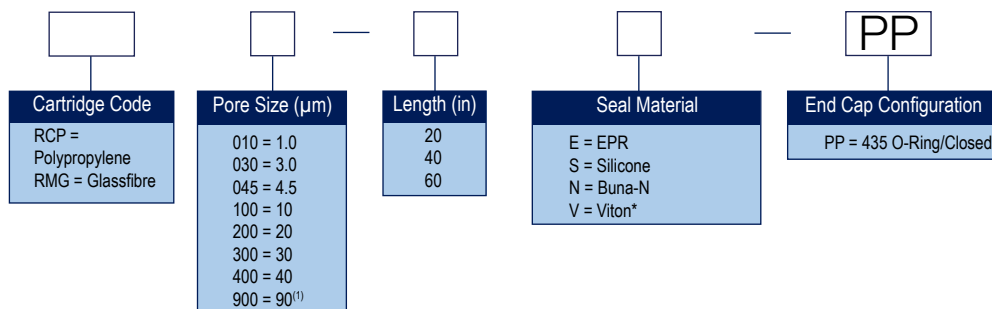


Flow Factor Table**

ParMax (PolyPropylene)	1µm	3µm	4.5µm	10µm	20µm	40µm	90µm
Flow factor (mbar / l/min @ 1cks)	0.19131	0.19131	0.153048	0.153048	0.047372	0.020042	0.878204

ParMax (Glassfibre)	1µm	3µm	4.5µm	10µm	20µm	40µm
Flow factor (mbar / l/min @ 1cks)	0.025508	0.020042	0.020042	1.0021	1.0021	1.0021

Ordering Information:



1 - Available only in the RCP version

* - Trademark of E.I. duPont de Nemours & Co.

** - Flow factor required for sizing. Refer to page 62 for further information



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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](#)