ParMax™ Filter Cartridges

- **Large Diameter High Flow Elements**

High Flow Series

ParMax™ High Flow Cartridge

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 six inch diameter cartridge can handle up to 500 gpm 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 microfiberglass media in absolute (99.98%) micro ratings from 1 to 90 microns.
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Applications

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

Features and Benefits

- 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.
- Manufactured with strict quality control.
- Parker Process Filtration Division is an ISO9001:2000 Certified Division.

Process Advanced Filtration Division

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Specifications

Materials of Construction:

- Media: RCP - Polypropylene
  RMG - Microfiberglass
- Support/Drainage: Polypropylene
- Hardware: Polypropylene
- O-Rings (SOE): EPR, Buna-N, Viton*, Silicone

Retention Ratings (99.98%):

- 1, 3, 4.5, 10, 20, 30, 40, 90**

Maximum Operating Conditions:

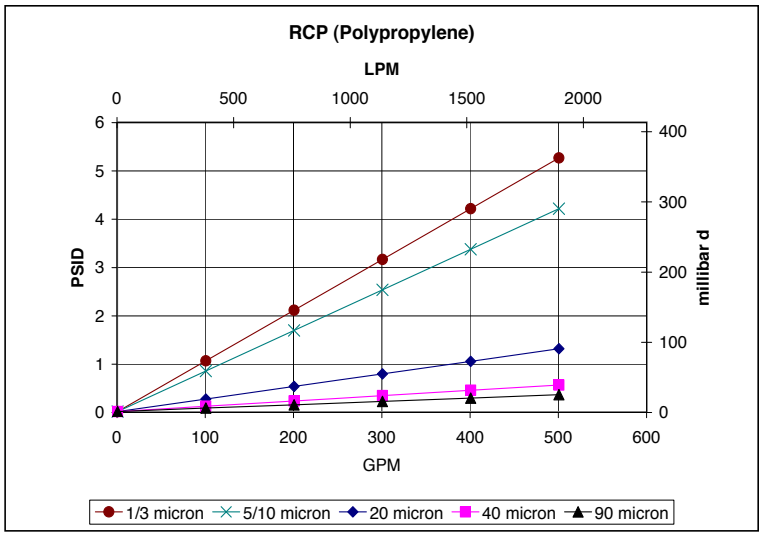
- Maximum Temperature:
  176°F (80°C) @ 30 psid (2.1 bar)
- Maximum Differential Pressure:
  70 psi (4.8 bar) @ 77°F (25°C)
  30 psi (2.1 bar) @ 176°F (80°C)

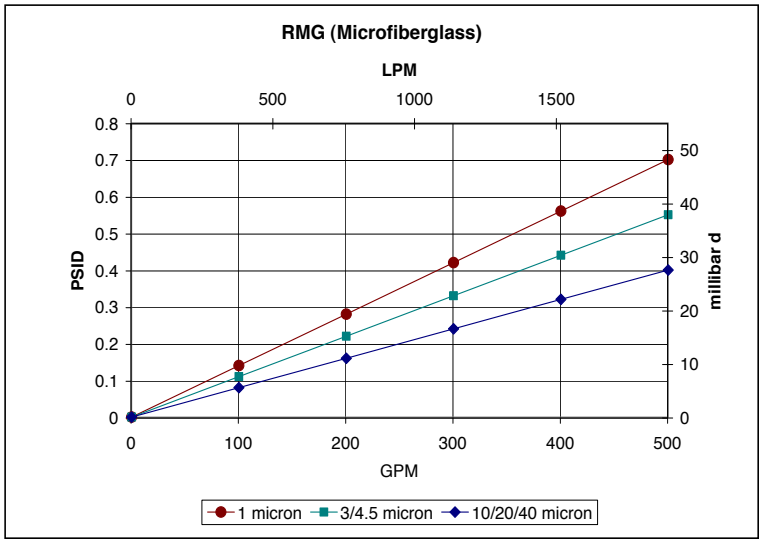
Recommended Operating Conditions:

- Flow Rate:
  Up to 175 gpm (662 LPM)/20" element
  Up to 350 gpm (1325 LPM)/40" element
  Up to 500 gpm (1892 LPM)/60" element
- Change-out Pressure:
  35 psid (2.41 bar)

Dimensions (nominal):

- Outside Diameter: 6.5" (16.51 cm)
- Inside Diameter: 2.5" (6.35 cm)





Ordering Information

RCP	100	—	20	E	PP
Cartridge Code RCP = Polypropylene RMG = Glass	Pore Size (µm) 010 = 1.0 030 = 3.0 045 = 4.5 100 = 10 200 = 20 400 = 40 900 = 90 **		Length 20 = 20" (50.8 cm) 40 = 40" (101.6 cm) 60 = 60" (152.4 cm)	Seal Material E = EPR N = Buna-N V = Viton* S = Silicone	End Cap Configuration PP = 435 O-Ring/Closed

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

** Available only in the CP version

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