

# Fulflo® ParMax™ Filter Cartridges

Large-diameter, high-flow cartridges

The best of pleated and large diameter technologies are combined in Parker's ParMax™ high-flow filter cartridges. ParMax cartridges are available with polypropylene and microfiberglass media in absolute (99.98%) ratings from 0.8 to 90 micron. The unique layered construction provides excellent retention across a wide range of flux rates. One-six inch diameter cartridge can handle up to 500gpm flow (60" length). The inside-to-outside flow allows for a high contaminant holding capacity. High flow and a long filter life make the ParMax an ideal choice for a wide variety of critical process applications.



## Contact Information

Parker Hannifin Corporation  
**domnick hunter**  
**Process Filtration - North America**  
2340 Eastman Avenue  
Oxnard, California, USA 93030

toll free +1 877 784 2234  
phone +1 805 604 3400  
fax +1 805 604 3401  
dhpsales.na@parker.com

[www.parker.com/processfiltration](http://www.parker.com/processfiltration)

## Benefits

- Large diameter yields much higher flow rates compared to traditional 2.5" filters
- High flow capacity permits use of fewer elements and cuts 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
- ISO9001 registered company

## Applications

- Process water
- Water
- Spirits
- Food and beverage

# Fulflo® ParMax™ Filter Cartridges

## SPECIFICATIONS

### Materials of Construction

#### Media:

RCP - Polypropylene  
 RMG - Microfiberglass

#### Support/Drainage:

Polypropylene

#### Hardware:

Polypropylene

#### O-rings:

EPDM, Buna-N, Viton®, silicone

### Retention Ratings (99.98%):

0.8, 1, 3, 4.5, 10, 20, 30, 40 and 90 µm

### Maximum Operating Conditions:

Maximum Temperature  
 176°F (80°C) @ 30psid (2.1bar)

### Maximum Differential Pressure:

70psi (4.8bar) @ 77°F (25°C)  
 30psi (2.1bar) @ 176°F (80°C)

### Recommended Operating Conditions:

#### Flow Rate

Up to 175gpm (662 lpm)/20" element  
 Up to 350gpm (1325 lpm)/40" element  
 Up to 500gpm (1892 lpm)/60" element

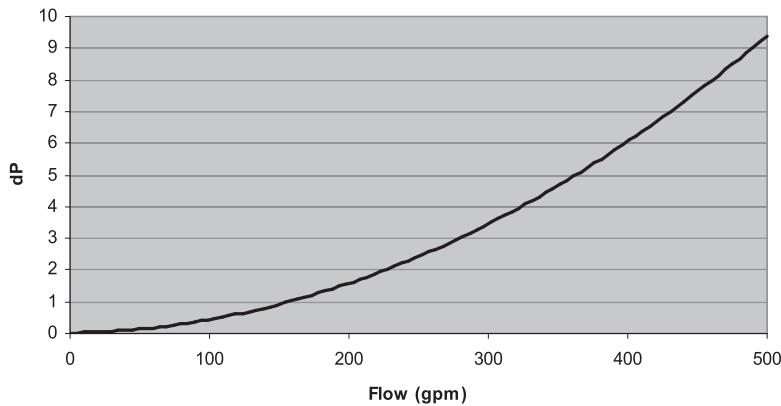
#### Change-out Pressure

35psid (2.41bar)

### Dimensions (nominal):

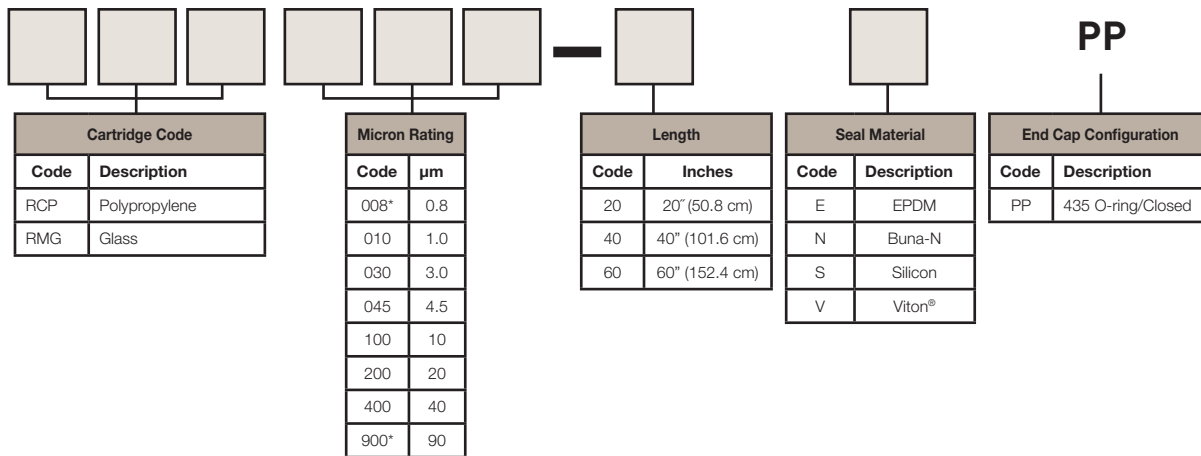
Outside Diameter: 6" (152mm)  
 Inside Diameter: 2.9" (74mm)

**Flow vs dP  
 (2.9" Cartridge Inlet Orifice)**



Note: The 2.9" inlet orifice of the ParMax Cartridge is the flow-limiting factor

## Ordering Information



\* 008 & 900 available in polypropylene media (RCP) only

Specifications are subject to change without notification.  
 For User Responsibility Statement, see [www.parker.com/safety](http://www.parker.com/safety)

© 2010 Parker-Hannifin Corporation  
 domnick hunter Process Filtration - North America  
 All Rights Reserved

Fulflo is a registered trademark of Parker-Hannifin Corporation  
 Viton is a registered trademark of E.I. DuPont de Nemours & Co., Inc.



DS\_IP\_ParMax Cartridge Rev. B