

# 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

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## 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 of construction are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21
- Manufactured with strict quality control
- ISO 9001 registered company

## Applications

- Process water
- Water
- Spirits
- Food and beverage



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# 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

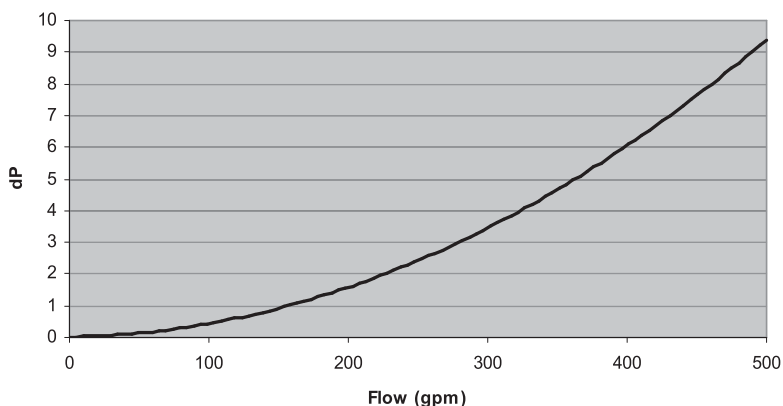
#### Change-out Pressure

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

Cartridge Code		Micron Rating		Length		Seal Material		End Cap Configuration	
Code	Description	Code	µm	Code	Inches	Code	Description	Code	Description
RCP*	Polypropylene	008	0.8	20	20" (50.8 cm)	E	EPDM	PP	435 O-ring/Closed
RMG**	Glass	010	1.0	40	40" (101.6 cm)	N	Buna-N		
		030	3.0	60	60" (152.4 cm)	S	Silicon		
		045	4.5			V	Viton®		
		100	10						
		200*	20						
		400*	40						
		900	90						

\*Avail. in all micron sizes  
\*\*Avail. in all micron sizes except 90 micron

\*Non-FDA compliant in glass only

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



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DS\_IP\_ParMax Cartridge Rev. C



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Váš lokální distributor Parker

# Fulflo® ParMax™ SELECT Filter Cartridges

High-flow design

The best of pleated and large diameter technologies are combined in Parker's ParMax Select high flow filter cartridges. The unique layered construction and staged pleating provide improved dirt holding capacity and 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 and a long filter life which makes the ParMax Select an ideal choice for a wide variety of critical process applications.

ParMax Select cartridges are available with polypropylene pleated depth media and microfiberglass media in absolute (99.98%) ratings from 1 to 90 microns.



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## Benefits

- Large diameter yields higher flow rates than traditional 2.5" filters
- High flow capacity allows for fewer elements and less capital expense
- 100% thermally welded
- Inside-out flow pattern ensures positive capture of contaminants
- Absolute retention ratings for critical filtration
- All materials of construction are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21
- Manufactured with strict quality control
- ISO 9001 registered company

## Applications

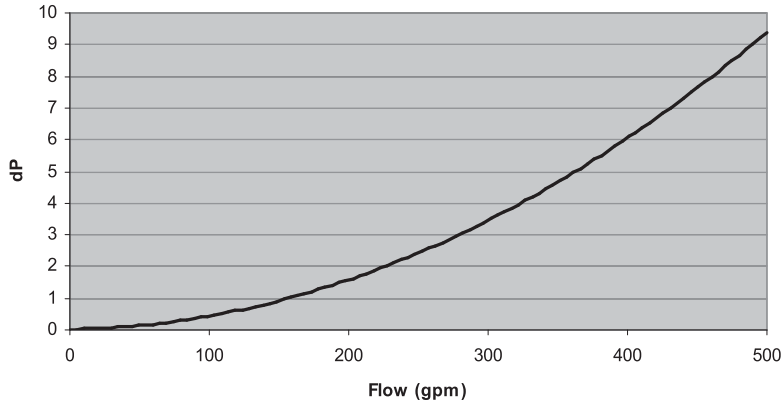
- Process Water
- Power Generation
- Specialty chemicals
- Food and Beverage

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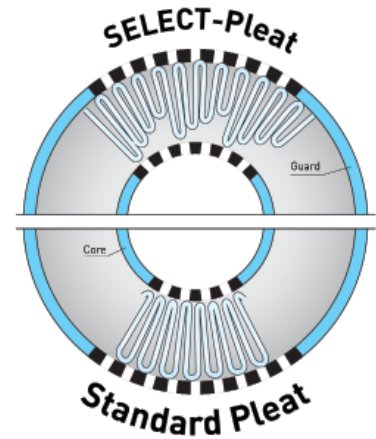
# Fulflo ParMax™ SELECT Cartridge

## ParMax™ Select High Flow Cartridge

Flow vs. dP  
(2.9" Cartridge Inlet Orifice)



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



With Select Pleating, there is more open area on the inside of the cartridge for additional contaminant-holding capacity.

### Materials of Construction:

- Media:
  - RSCP - Polypropylene
  - RSMG - Microfiberglass
- Support/Drainage: Polypropylene
- Hardware: Polypropylene
- O-Rings (SOE): EPDM, Buna-N, Viton®, Silicone

### Dimensions (nominal):

Outside Diameter: 6.0" (15.24 cm)  
Inside Diameter: 2.9" (7.36 cm)

### Maximum Operating Conditions:

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

### Retention Ratings (99.98%):

- 1, 3, 4, 5, 10, 20, 30, 40, 90 μm

## Ordering Information

Cartridge Code		Micron Rating		Length		Seal Material		End Cap Configuration	
Code	Description	Code	μm	Code	Inches	Code	Description	Code	Description
RSCP*	Polypropylene	008	0.8	20	20" (50.8 cm)	E	EPDM	PP	435 O-ring/Closed
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		045	4.5			V	Viton®		
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