

# PARMAX Food and Beverage

Filter Cartridges



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 6" diameter cartridge can handle up to 80 m<sup>3</sup> / 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 in polypropylene in absolute (99.98%) micro ratings from 1 to 90 microns.

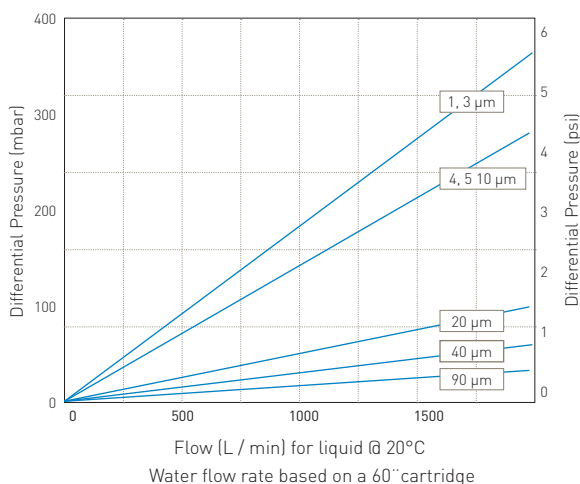
## Features

- Large diameter for high flow rates and ease of change-out
- Absolute retention ratings from 1 micron to 90 micron
- Inside - out flow pattern ensures positive capture of contaminants

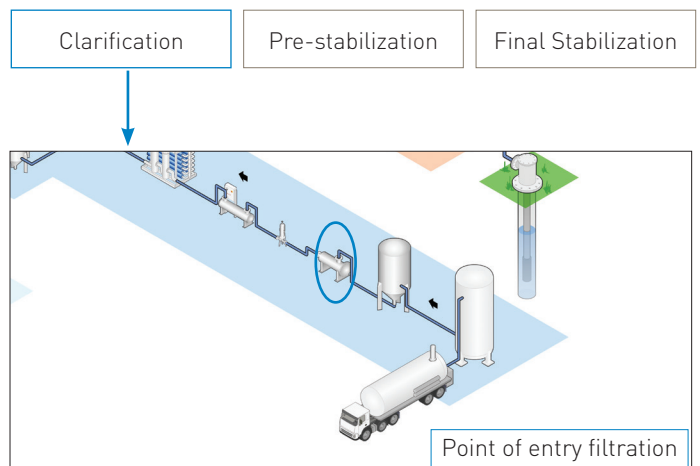
## Benefits

- Small filter system size and reduced running cost to represent an economical solution to a wide range of clarification duties
- Consistent quality filtrate is delivered in a wide range of clarification applications
- Increased protection to downstream systems and elimination of start-up cleans following change-out

## Performance Characteristics



## Filtration Stage



## Specifications

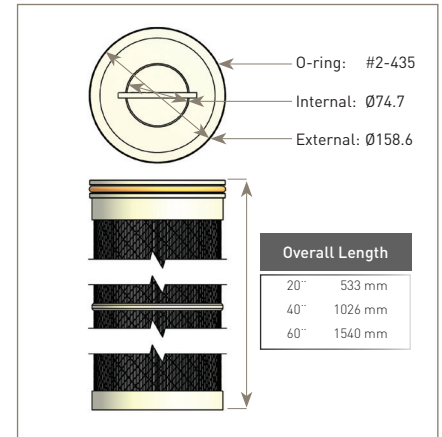
### Materials of Construction

Filtration Media:	Polypropylene
Support / Drainage:	Polypropylene
Hardware:	Polypropylene
Standard O-rings (SOE):	EPDM Silicone

**Retention Ratings (99.98%)**  
1, 3, 4.5, 10, 20, 40 and 90\*\* µm

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

### Dimensions (Nominal)



**Food Contact Compliance**  
Materials conform to the relevant requirements of FDA 21 CFR Part 177 and current EC1935 / 2004.



**Maximum Operating Temperature**  
80 °C (176 °F) @ 2.1 bar (30 psi)

### Recommended Flow Rate Conditions

20"	: Up to 40 m <sup>3</sup> / hr
40"	: Up to 80 m <sup>3</sup> / hr
60"	: Up to 120 m <sup>3</sup> / hr

**Recommended Change Out Pressure**  
2.41 bar (32 psi)

### Manufacturing Traceability

Each filter cartridge displays the product name, product code and lot number. Additionally, each module displays a unique serial number providing full manufacturing traceability.

## Ordering information

Code	Material	Code	Micron	Code	Length (Nominal)	Code	Seal Material	Code	End Cap Configuration
RCP	Polypropylene	010	1.0µm	20	20" (508 mm)	E	EPDM	PP	435 o-ring / closed
		030	3.0µm	40	40" (1016 mm)	S	Silicone		
		045	4.5µm	60	60" (1524 mm)				
		100	10.0µm						
		200	20.0µm						
		400	40.0µm						
		900	90.0µm						

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HOUSING RANGE  
AVAILABLE



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#### FUEL FILTRATION

- DIESEL, AVIATION



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