

# PREPOR MAX Food and Beverage

Filter Cartridges



The best of pleated and large diameter technologies are combined in Parker's PREPOR MAX 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 PREPOR MAX an ideal choice for a wide variety of critical process applications.

PREPOR MAX cartridges are available in polypropylene in absolute (99.98%) micron ratings from 1 to 50 microns.

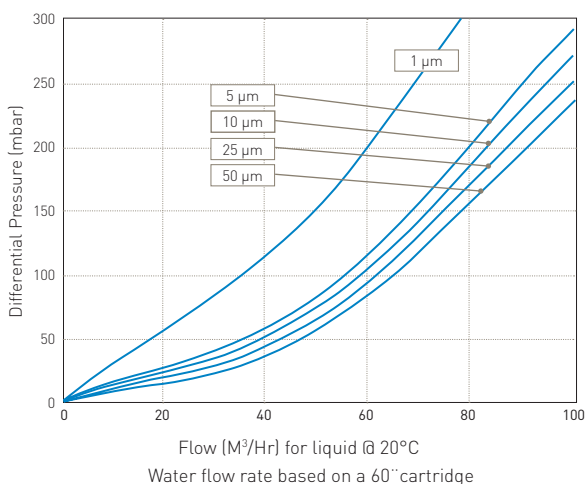
## Features

- Large diameter for high flow rates and ease of change-out
- Absolute retention ratings from 1 micron to 50 micron
- Inside - out flow pattern ensures positive capture of contaminants

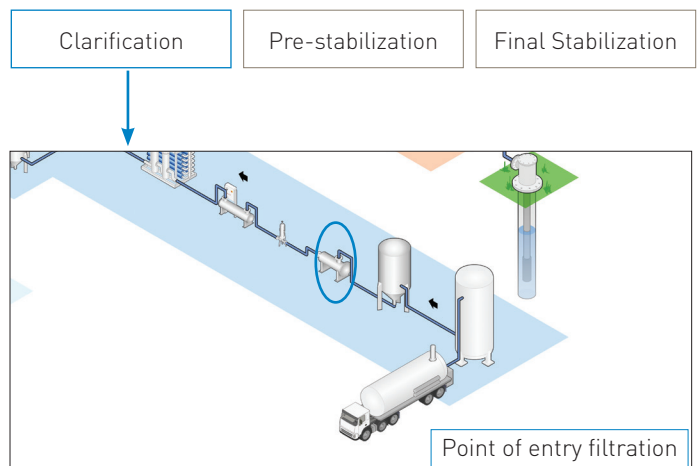
## Benefits

- Small filter system size and reduced running cost to represent an economical solution
- 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

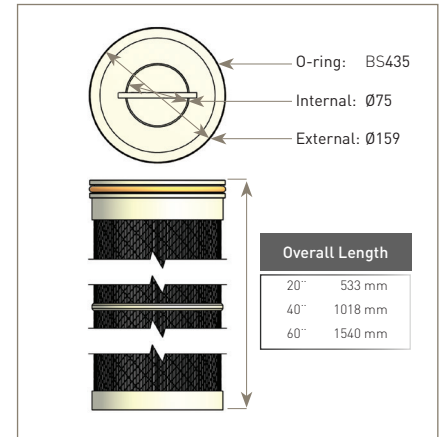
### Retention Ratings (99.98%)

1, 5, 10, 25 and 50 µm

### Maximum Differential Pressure

3.5 bar (51 psi) @ 20 °C (68 °F)  
1.8 bar (26 psi) @ 65 °C (149 °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

70 °C (158 °F)

### 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 80 m <sup>3</sup> / hr

### Recommended Change Out Pressure

1.5 bar (22 psi) @ 20 °C (68 °F)

### 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
PPX	Polypropylene	01	1 µm	20	20" (533 mm)	E	EPDM	PP	435 o-ring / closed
		05	5 µm	40	40" (1018 mm)	S	Silicone		
		10	10 µm	60	60" (1540 mm)				
		25	25 µm						
		50	50 µm						