

# PARMAX

## 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 six inch 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. The best of pleated and large diameter technologies are combined in Parker domnick hunter's PARMAX high flow filter cartridge.

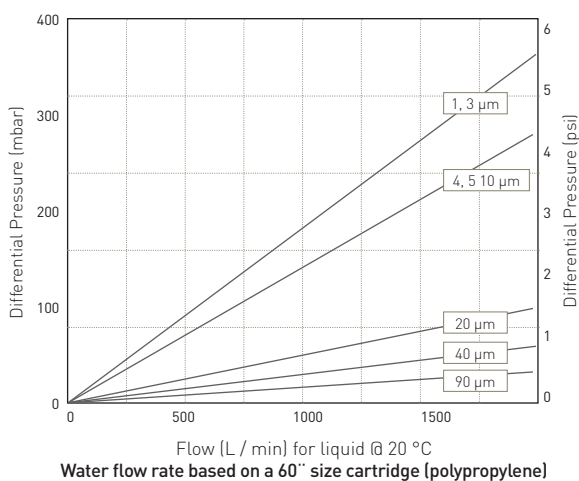
### Features

- 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.

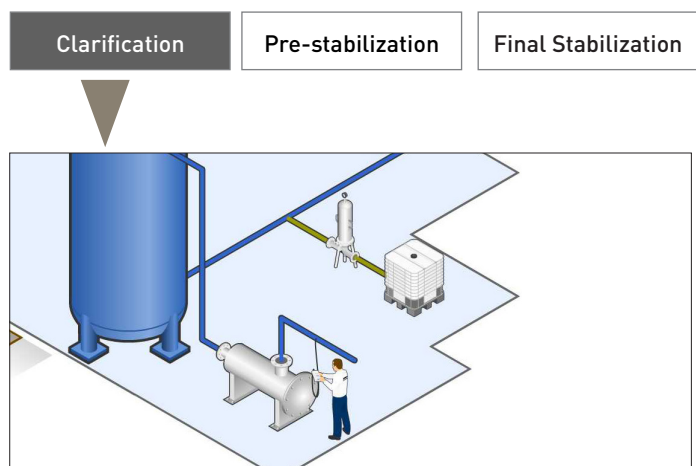
### Benefits

- Small filter system size and reduced running cost to represent 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
	Buna-N
	Viton
	Silicone

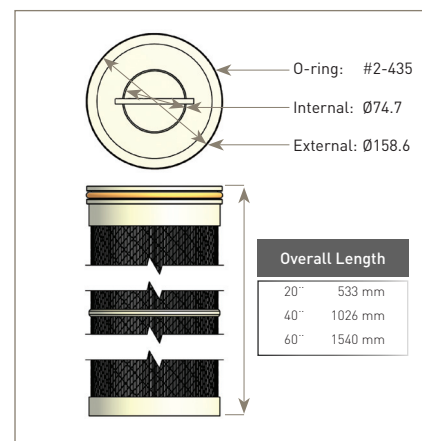
### Recommended Flow Rate Conditions

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)

### Dimensions (Nominal)



### Retention Ratings (99.98%)

1, 3, 4.5, 10, 20, 40 and 90\*\* µm

### Maximum Operating Temperature

80 °C (176 °F) @ 2.1 bar (30 psi)

### Maximum Differential Pressure

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

## Ordering Information

Code	Material	Code	Micron	Code	Length (Nominal)	Code	Seal Material	Code	Endcap Configuration
RCP	Polypropylene	010	1.0 µm	2	20" (508 mm)	E	EPDM	PP	435 o-ring / closed
		030	3.0 µm	4	40" (1016 mm)	N	Buna N		
		045	4.5 µm	20	60" (1524 mm)	S	Silicone		
		100	10.0 µm			V	Viton		
		200	20.0 µm						
		400	40.0 µm						
		900	20.0 µm						