

# 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.

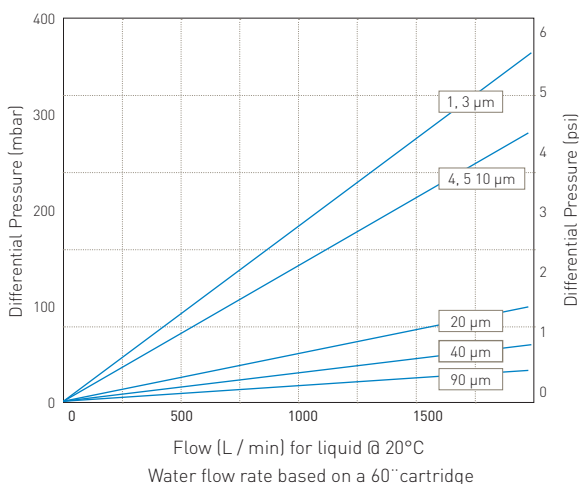
## Features

- 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

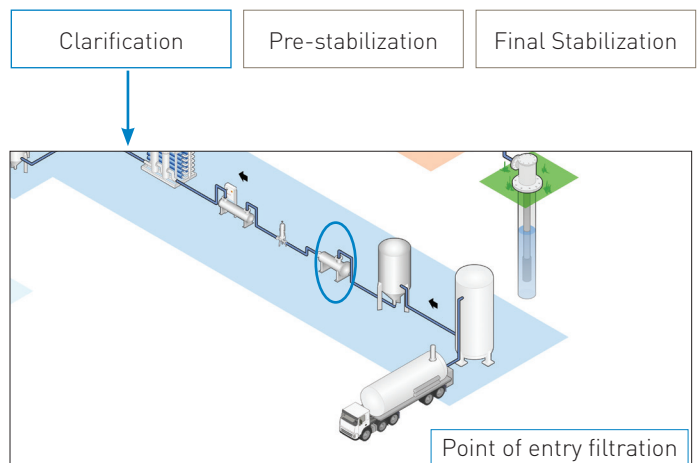
## Benefits

- 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

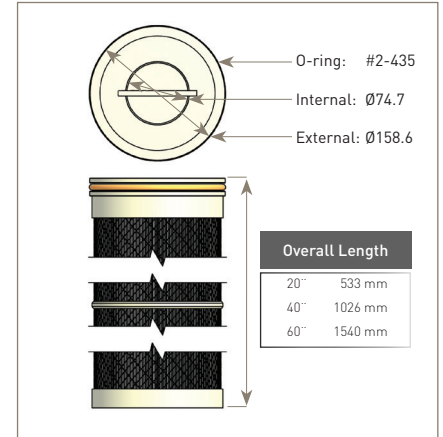
### Retention Ratings (99.98%)

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						

**HSP**  
HOUSING RANGE  
AVAILABLE

PROSEP FILTER SYSTEMS LTD  
Unit G19  
River Bank Way  
Lowfields Business Park  
Elland  
West Yorkshire  
HX5 9DN

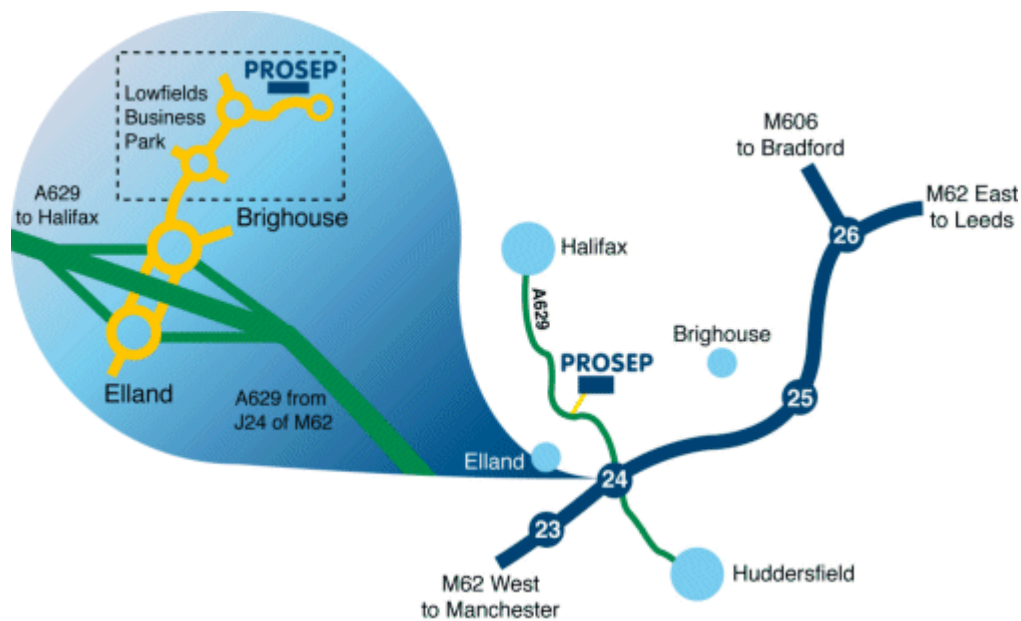
**Tel: 01422 377367**

**Fax: 01422 377369**

Email: [enquiries@prosep.co.uk](mailto:enquiries@prosep.co.uk)

[www.prosep.co.uk](http://www.prosep.co.uk)

**Map and Directions to Prosep Filters Limited**



Leave M62 at Junction 24.

At roundabout adjacent to Cedar Court Hotel take 2nd exit onto dual carriageway (A629), signposted Halifax.

Take 1st exit slip road.

At roundabout at end of sliproad, take 3rd exit off.

This is the entrance to Lowfields Business Park.

Proceed straight over 1st roundabout.

At next roundabout take 2nd exit onto River Bank Way - Prosep Filters can be found on the left after the S-bend.

[Link to Google Maps](#)