PARMAX-R
Food and Beverage

Filter Cartridges

The best of pleated and large diameter technologies are combined in Parker domnick hunter's PARMAX-R high flow filter cartridges.

The PARMAX-R offers the optimum solution for microfiltration and contaminant control, where high flow rates and small foot prints are required.

The PARMAX-R variant offers improved filtration performance in demanding applications such as point of entry water filtration, where particle loading can be expected to be variable.

The unique layered construction provides excellent retention across a wide range of flux rates. One 6" diameter cartridge can handle up to 80m³/hr flow max (40" and 60" length). The inside to outside flow allows for a high contaminant holding capacity and a long filter life which makes the PARMAX-R an ideal choice for a wide variety of critical process applications.

PARMAX-R cartridges are available in polypropylene in absolute (99.98%) micro ratings from 1 to 40 microns.

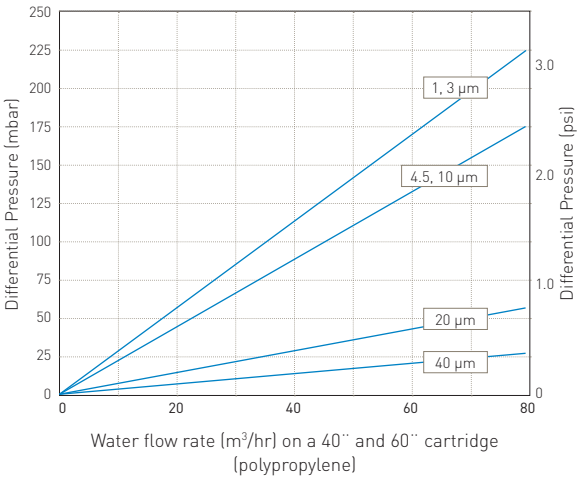
Features

- Large diameter for high flow rates and ease of change-out
- Absolute retention ratings from 1 micron to 40 micron
- Inside - out flow pattern ensures positive capture of contaminants
- High strength rigid polypropylene cage

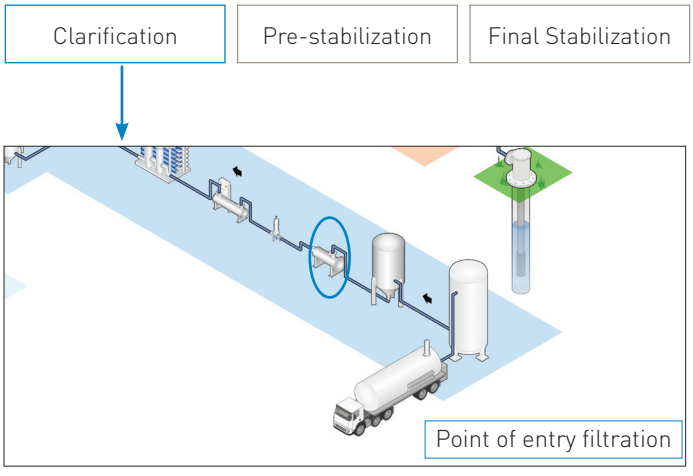
Benefits

- 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
- Increased strength in variable particle loading applications

Performance Characteristics



Filtration Stage



M-Filter BV • Parallelweg West 7 • 4104 AX Culemborg • The Netherlands

Specifications

Materials of Construction

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

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

40¨ : Up to 80 m^3/hr
60¨ : Up to 80 m^3/hr

Recommended Change Out Pressure

2.41 bar (32 psi)

Retention Ratings (99.98%)

1, 3, 4.5, 10, 20, 40µm

Maximum Differential Pressure

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

Dimensions

Cartridge outside diameter
6.26¨ (159mm) nominal

Cartridge inside diameter
2.91¨ (74mm) nominal

Cartridge length
40¨ (1026mm)
60¨ (1540mm)

Connection
Type 435 o-ring seal

Filtration area
Upto 7.2m^2 per 40¨ cartridge
Upto 10.8m^2 per 60¨ cartridge

Manufacturing Traceability

Each filter cartridge is traceable through a part code and manufacturing lot number.

Ordering information

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Code	Material
RCP	Polypropylene

Code	Micron
010	1.0µm
030	3.0µm
045	4.5µm
100	10.0µm
200	20.0µm
400	40.0µm

Code	Length (Nominal)
40	40¨ (1016 mm)
60	60¨ (1524 mm)

Code	Seal Material
E	EPDM
S	Silicone

Code	End Cap Configuration
PP	435 o-ring / closed