

Parmax-R

High Flow Absolute Rigid Cage
Filter Cartridge



EFC
FILTRATION

The best of pleated and large diameter technologies are combined in our Parmax-R high flow absolute rigid cage filter cartridge. Parmax-R cartridges are manufactured from polypropylene and glass fibre media in absolute (99.98%) ratings from 1 to 40 micron. The unique layered construction provides excellent retention across a wide range of flux rates and the rigid cage construction provides greater security in demanding applications. One six inch diameter cartridge can handle up to 503 bbl/hr (80 m³/h) flow (60" length). The inside-to-outside flow allows for a high contaminant holding capacity. High flow and long filter life make the Parmax-R an ideal choice for a wide variety of critical oil & gas and industrial process applications.



Benefits

- High strength rigid polypropylene cage ideal for harsh conditions.
- Long life through high dirt holding capacity.
- Large diameter yields higher flow rates compared to traditional 2.5" filters.
- High flow capacity permits use of fewer elements and cuts capital expenditure.
- Positive o-ring seal assures filtration integrity.
- Integrated handle for easy and quick change outs.
- Inside-out flow pattern ensures positive capture of contaminants.
- Absolute retention ratings for critical filtration.

Applications

- Completion fluids
- Work over fluids
- Gravel pack fluids
- Waste water
- Diesel and fuel oil
- Sea-, river-, well water intake
- Acids
- Solvents
- Gels, amines and glycols
- Process water
- Pre filtration RO
- Water injection
- Food and beverage

Parmax-R

SPECIFICATIONS

Materials of Construction

Type of Construction

- 100% thermally welded, pleated media supported by all polypropylene construction.

Filter Media

- Glass fibre
- Polypropylene

Support Core

- Molded Polypropylene

Rigid Outer Cage and Thermally Welded

End Caps

- Molded Polypropylene

Seal Materials

- Buna-N
- EPDM

Dimensions

Cartridge Outside Diameter

- 6.26" (159 mm) nominal

Cartridge Inside Diameter

- 2.91" (74 mm) nominal

Cartridge Length

- 20" (533 mm)
- 40" (1026 mm)
- 60" (1540 mm)

Connection

- Type 435 o-ring seal

Filtration Area

- 32.3 - 38.8 ft² (3 - 3,6 m²) per 20" cartridge

Maximum Recommended Operating Conditions

Temperature

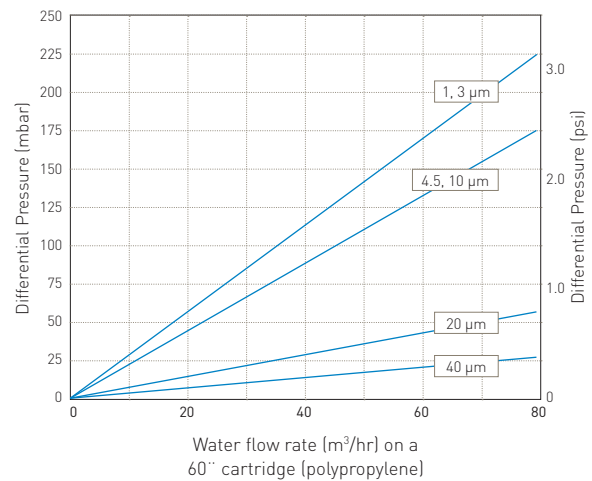
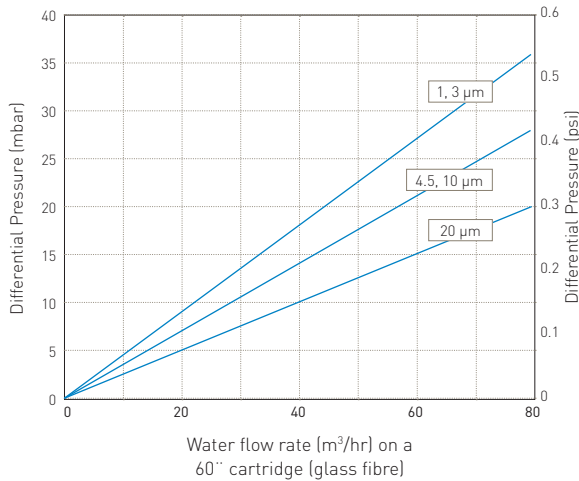
- 176°F (80°C) @ 30 psi (2.1 bar)

Maximum Allowable ΔP

- 30 psi (2,1 bar) @ 176°F (80°C)
- 70 psi (4,8 bar) @ 77°F (25°C)

Flow Rate

- 250 bbl/hr (40 m³/hr) per 20" length @ 68°F (20°C)
- 503 bbl/hr (80 m³/hr) per 40" length @ 68°F (20°C)
- 503 bbl/hr (80 m³/hr) per 60" length @ 68°F (20°C)



Ordering Information

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Filter Media		Micron Rating		Overall Length			Seal Material		End Cap Configuration	
Code	Description	Code	Micron	Code	Inches	mm	Code	Description	Code	Description
RCP	Polypropylene	010	1	20	20	533	N	Buna-N	PP	435 o-ring / closed
RMG	Glass fibre	020	2	40	40	1026	E	EPDM		
		030	3 (RCP only)	60	60	1540				
		045	4.5							
		100	10							
		200	20							
		400	40 (RCP only)							

HPMCE
 HOUSING RANGE
 AVAILABLE