

Parker Series RCP

FULFLO® PARMAX™

PLEATED LARGE DIAMETER,
HIGH FLOW CARTRIDGES

for use in Parker Series PX Fulflo® ParMax™ multi-cartridge
filter vessel or competitor vessels of similar design

IMPROVED
DESIGN



ParMax™ cartridges combine the best of pleated and large diameter technologies. ParMax cartridges are manufactured for inside-out flow, providing absolute filtration ratings from 1 to 90 micron. The unique layer 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 500 gpm flow (60" length).

FEATURES	BENEFITS	➔
W-Pleat Configuration	Optimizes dirt-holding capacity with more internal area and provides strength to pleat pack to prevent folding and blinding.	
High Strength Rigid Polypropylene Cage	Ideal for harsh conditions and demanding applications by increasing media integrity during backflush or slug conditions.	
Large Diameter (6") Cartridge	Yields higher flow rates and longer on-stream life than standard 2.5" filters requiring use of fewer cartridges and cutting capital expenditure.	
Patented Chevron Seal	Ensures complete sealing compared to a standard O-ring seal, especially when support plate or baskets are out of round.	
Integrated Handle in End Cap	No tools required for cartridge change-outs yields simple and safe change-outs to reduce downtime.	
Inside-to-Outside Flow Direction	Contaminant captured inside cartridge provides cleaner and easier extraction during change-outs.	
FDA Materials	All materials of Construction are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21.	

- Reverse Osmosis (RO) Pre-Filtration
- Process Water
- Municipal Water
- Chemicals & Solvents
- Food & Beverage

APPLICATIONS

CHEVRON SEAL

Ensures a complete seal to prevent cartridge bypass

OUTER SUPPORT

Rigid cage structure prevents cartridge swelling and allows easy cartridge extraction from the support basket.

W-PLEAT DESIGN

Increased contamination capacity with versatile pleat strength.



ENGINEERING YOUR SUCCESS.

MATERIALS

MEDIA AND NETTING SUPPORT	Multi-Layered Polypropylene, W-Pleat Design
OUTER SUPPORT	Polypropylene
END CAPS	Polypropylene
SEAL	Chevron: EPDM, Buna-N, Viton® O-Ring: Silicone

NOMINAL DIMENSIONS

SIZE	O.D.	I.D.	LENGTH
20	6" / 152mm	2.9" / 74mm	20" / 508mm
40	6" / 152mm	2.9" / 74mm	40" / 1016mm
60	6" / 152mm	2.9" / 74mm	60" / 1524mm

PERFORMANCE

MICRON RATINGS: 1, 3, 4.5, 10, 20, 30, 40, 90

EFFICIENCY: 99.98%

OPERATING DATA

FLOW DIRECTION: Inside-to-Outside

MAX TEMP: 180°F / 82°C

MAX. DIFFERENTIAL PRESSURE: 50 psid / 3.4 bar

RECOMMENDED CHANGE-OUT

DIFFERENTIAL PRESSURE: 35 psid / 2.4 bar

PH RANGE: 2–12

RECOMMENDED OPERATING CONDITIONS:

Optimal Flow Rate @ 1cP (Water) 40"L = 200 gpm

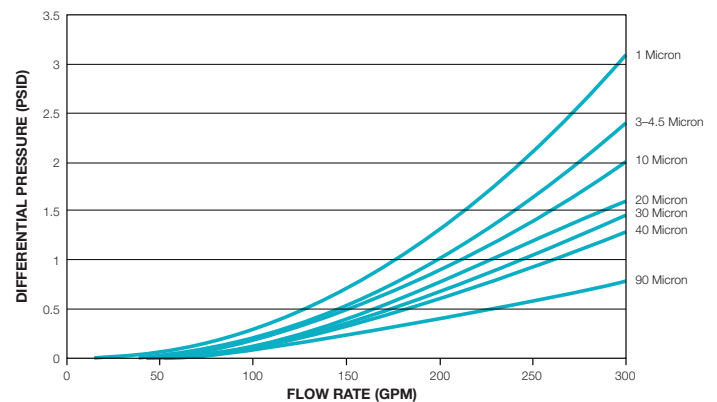
Max Allowable Flow Rate @ 1cP (Water) 40"L = 350 gpm

Optimal Flow Rate @ 1cP (Water) 60"L = 300 gpm

Max Allowable Flow Rate @ 1cP (Water) 60"L = 500 gpm

Flow Rate vs. Clean Differential Pressure

Pleated 60" Cartridges at 1cp



ORDERING INFORMATION

RCP	30	40	E	PP
SERIES	PERFORMANCE	SIZE	SEAL	
	CODE	CODE	CODE	
	MICRON	LENGTH	MATERIAL	
	010	20	N	Buna-N
	030	40	E	EPDM
	045	60	S	Silicone
	100		V	Viton
	200			
	300			
	400			
	900			



RCP media and length configurations built with an EPDM seal carry an NSF certification.

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