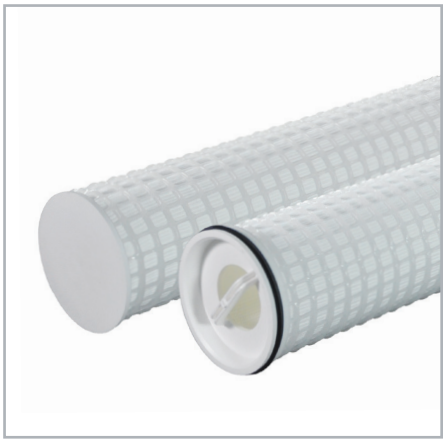
Fulflo® ParMax™
PLEATED, HIGH FLOW RATE STYLE LIQUID FILTER CARTRIDGES

Series RCP

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



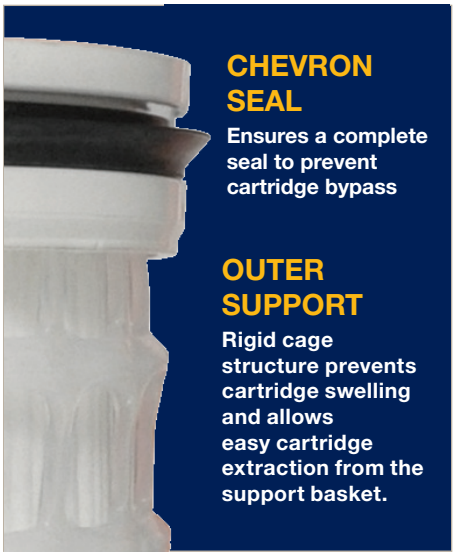
The ParMax, Series RCP, is a large 6" diameter cartridge designed to flow liquid from inside-to-outside. This design has several advantages. It allows for high flow rate capability within a single cartridge so fewer cartridges are needed compared to traditional 2.5" and 3" diameter designs. It keeps contaminants trapped within the cartridge, so the vessel remains clean. The cartridge includes a handled end cap with patented chevron seal technology to provide an absolute sealing of the cartridge to the basket support. This means there is no need for tools when sealing making it a safe, user-friendly choice while also reducing maintenance time and money.

The Series RCP is built using a multi-layered w-pleat media design which keeps each pleat from folding on itself so that uniform contaminant loading throughout the pleat pack is achieved. The RCP is made from polypropylene media and end caps. It also includes a sturdy polypropylene outer support to keep pleats from ballooning and getting lodged in the vessels' cartridge support baskets.

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
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

APPLICATIONS

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



Parker

ENGINEERING YOUR SUCCESS.

MATERIALS

MEDIA	Multi-Layer Pleated Polypropylene
PLEAT PACK NETTING SUPPORT	Polypropylene
OUTER SUPPORT	Polypropylene
END CAPS	Polypropylene
SEAL	Chevron: EPDM, Buna-N, Viton® O-Ring: Silicone
ADHESIVE	None, Thermal Bond

NOMINAL DIMENSIONS

SIZE	O.D.	I.D.	LENGTH
20	6” / 152mm	2.9” / 74mm	20” / 508mm
40	6” / 152mm	3.0” / 76mm	40” / 1016mm
60	6” / 152mm	3.0” / 76mm	60” / 1524mm

PERFORMANCE

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

EFFICIENCY: 99.98%

OPERATING DATA

FLOW DIRECTION: Inside-to-Outside

MAX. TEMP: 180ºF / 82ºC

MAX. DIFFERENTIAL PRESSURE: 50 psid / 3.4 bar

RECOMMENDED CHANGE-OUT DIFFERENTIAL PRESSURE: 35 psid / 2.4 bar

PH RANGE: 2–14

RECOMMENDED FLOW RATE AT <2 PSID:
100 gpm per 20”L in 1 cP viscosity (10 micron & larger)
200 gpm per 40”L in 1 cP viscosity (10 micron & larger)
300 gpm per 60”L in 1 cP viscosity (10 micron & larger)
Consult factory for flow rate recommendations on less than 10 micron part numbers

RCP	030	—	40	E	PP
SERIES	PERFORMANCE		SIZE	SEAL	END CAP STYLE

PERFORMANCE

CODE	MICRON
010	1
030	3
045	4.5
100	10
200	20
400	40
900	90

SIZE

CODE	LENGTH
20	20”
40	40”
60	60”

SEAL

CODE	MATERIAL
N	Buna-N
E	EPDM *NSF Certified Option*
S	Silicone
V	Viton

END CAP STYLE

CODE	CONFIGURATION
PP	435 O-Ring/Closed

NSF

Certified to NSF/ANSI/CAN 61

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

Parker Cross Reference

CLICK FOR COMPETITOR INTERCHANGE LOOKUP

https://crossref.parker.com

SCAN QR CODE FOR ADDITIONAL PRODUCT INFORMATION INCLUDING AVAILABLE PART NUMBERS

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Purchasing details: Request a quote at ipf.quotes@support.parker.com
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