

XtreamPure®

PLEATED, HIGH FLOW RATE STYLE LIQUID FILTER CARTRIDGES

Series XP-L

for use in PECO Series 55HX or 55VX XtreamPure® vessels or competitor vessels of similar design



The XtreamPure, Series XP-L, 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 XP-L 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 XP-L 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 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.

APPLICATIONS
<ul style="list-style-type: none"> • Reverse Osmosis (RO) Pre-Filtration • Process Water • Amine



ENGINEERING YOUR SUCCESS.

MATERIALS

MEDIA	Multi-Layer Pleated Polypropylene
PLEAT PACK NETTING SUPPORT	Polypropylene
OUTER SUPPORT	Polypropylene
END CAPS	Polypropylene
SEAL	EPDM (Recommended), Viton®, Buna-N (optional)
ADHESIVE	None, Thermal Bond

NOMINAL DIMENSIONS

SIZE	O.D.	I.D.	LENGTH
40	6" / 152mm	3.0" / 76mm	40" / 1016mm
60	6" / 152mm	3.0" / 76mm	60" / 1524mm

PERFORMANCE

MICRON RATINGS: 5, 10, 20, 40, 70, 100

EFFICIENCY: 99.98%

OPERATING DATA

FLOW DIRECTION: Inside-to-Outside

MAX TEMP: 180°F / 82°C

MAX. DIFFERENTIAL PRESSURE: 50 psid / 3.4 bar

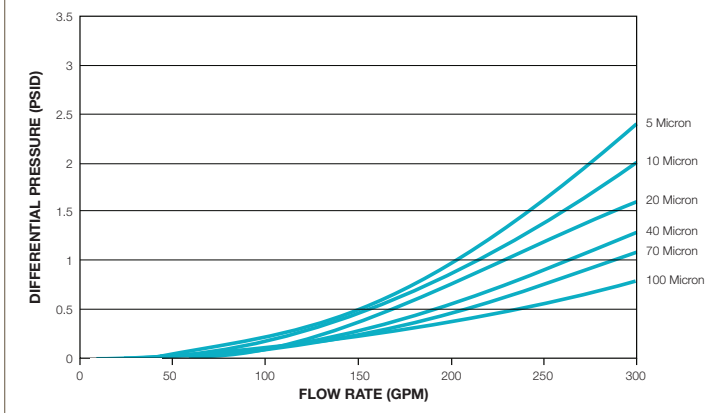
RECOMMENDED CHANGE-OUT

DIFFERENTIAL PRESSURE: 35 psid / 2.4 bar

PH RANGE: 2–14

Flow Rate vs. Clean Differential Pressure

Pleated 40" Cartridges at 1cp



Scan QR Code

**ADDITIONAL PRODUCT INFORMATION
INCLUDING AVAILABLE PART NUMBERS**

Protected by USA Patent No. 8,961,644.

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