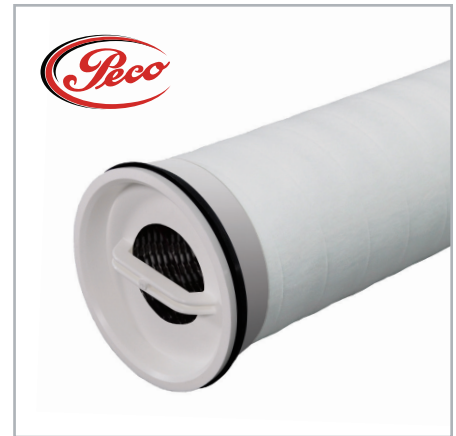


XtreamPure® PEACH® DEPTH HIGH FLOW RATE STYLE LIQUID FILTER CARTRIDGES

Series XP-PCH

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



The XtreamPure, Series XP-PCH, is a large 6" diameter cartridge designed to filter 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-PCH is built using advanced PEACH depth technology which is good for removing deformable or shear-sensitive contaminants. The XP-PCH series is available in polypropylene or polyester media.

FEATURES	BENEFITS
PEACH Technology Configuration	Rigid depth structure maintains porosity and permeability. Unique flow pattern increases fluid residence time, resulting in improved contaminant capture effectiveness over traditional filter technologies
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 • Municipal Water • Chemicals & Solvents



MATERIALS

	XP-PCHL	XP-PCHE
MEDIA	Polypropylene	Polyester
END CAPS	Polypropylene	Nylon
CORE	Plated Steel	Plated Steel
SEAL	EPDM	Buna-N (recommended) Viton®, EPDM (optional)
ADHESIVE	None - Thermal Bond	Polyurethane

NOMINAL DIMENSIONS

SIZE	O.D.	I.D.	LENGTH
4	6" / 152mm	3.0" / 76mm	40" / 1016mm
6	6" / 152mm	3.0" / 76mm	60" / 1524mm
8	6" / 152mm	3.0" / 76mm	80" / 2032mm

OPERATING DATA

FLOW DIRECTION: Inside-to-Outside

MAX TEMP: PCHL 180°F / 82°C
PCHE 240°F / 115°C

MAX. DIFFERENTIAL PRESSURE: 50 psid / 3.4 bar

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

PH RANGE: PCHL 2–14
PCHE 3–9

PERFORMANCE

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

EFFICIENCY: 99.98%



**ADDITIONAL PRODUCT INFORMATION
INCLUDING AVAILABLE PART NUMBERS**

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