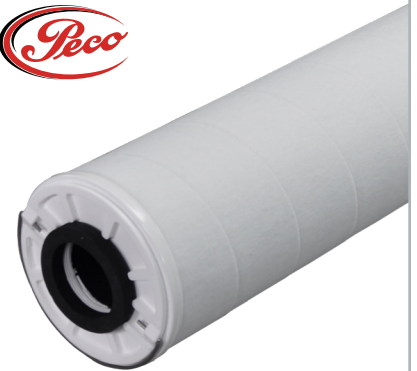


PECO Series XS

XTREAMSORB®

PEACH® CARBON BLOCK
FILTER-ADSORBER CARTRIDGES

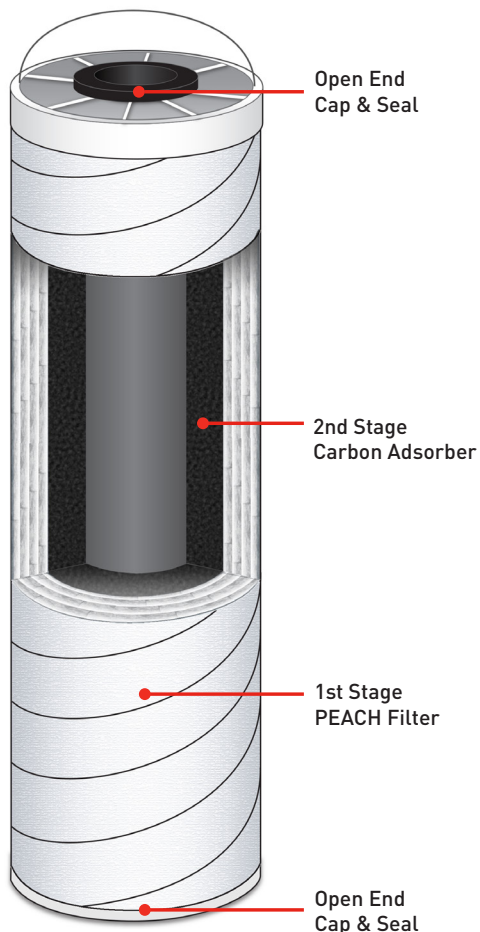
for use in PECO Series 10, 14 & 55C vessels
or competitor vessels of similar design



“REVOLUTIONIZE YOUR PROCESS PURIFICATION, UPGRADE CARBON CANISTERS WITH XTREAMSORB”

The XtreamSorb, Series XS, filter-adsorber cartridge incorporates both PEACH filtration technology and proprietary carbon block technology to provide an unprecedented two-stage cartridge with filtration and adsorption capabilities all in one. The Series XS removes the need for separate upstream particulate filtration

and provides maximized adsorption of impurities such as heavy hydrocarbons, degradation compounds and aromatics from process liquids and water. The block does not release carbon fines into the downstream effluent, which removes the need for separate downstream particulate filtration as well.



BEST OF BOTH WORLDS IN ONE SINGLE CARTRIDGE!

First stage PEACH media filters and captures solid particulate. This keeps the second stage carbon block pores free from solid contaminants maximizing adsorption of heavy hydrocarbons and aromatics.

1st Stage PEACH® Filter

- Most unique depth style filter cartridges on the market.
- Advanced solids removal of PEACH first stage protects downstream carbon block.
- PEACH's oleophilic nature attracts larger hydrocarbon droplets and semi-solids, decreasing loading on carbon block resulting in longer service life.

2nd Stage Carbon Block Adsorber

- Proprietary carbon block technology is specifically designed for removal of longer chain heavy hydrocarbons seen in TEG and Amine process purification systems.
- Carbon block's innovative structure prevents carbon movement and fluid channeling prevalent in traditional granular carbon.
- Carbon block yields a higher level of mass transfer kinetics, resulting in a smaller more ergonomic foot print and cleaner process stream.
- Eliminates the need for downstream particulate filtration.



ENGINEERING YOUR SUCCESS.

MATERIALS

FILTRATION MEDIA	Polyester or Polypropylene
ADSORPTION MEDIA	Proprietary carbon block technology
END CAPS	Polyester or Polypropylene
SEAL	Buna-N, EPDM, or Viton®

NOMINAL DIMENSIONS

SIZE	O.D.	I.D.	LENGTH
520	5.5"/139mm	2.2"/55mm	20" / 508mm
522	5.5"/139mm	2.2"/55mm	22" / 558mm
540	5.5"/139mm	2.2"/55mm	40" / 1016mm
544	5.5"/139mm	2.2"/55mm	44" / 1117mm

PERFORMANCE

EFFICIENCY: 99% of 10 micron
92% of 5 micron

OPERATING DATA

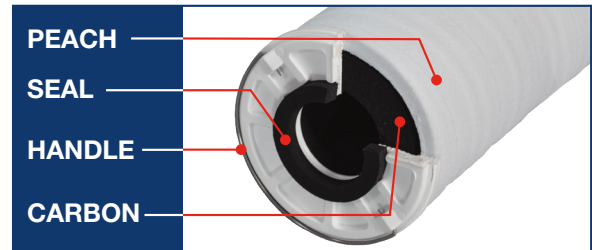
FLOW DIRECTION: Outside-to-Inside

MAX TEMP: Polypropylene: 180°F / 82°C
Polyester: 220°F / 104°C

MAX. DIFFERENTIAL PRESSURE: 20 psid / 1.3 bar

RECOMMENDED CHANGE-OUT DIFFERENTIAL PRESSURE: 10 psid / 0.68 bar

pH RANGE: Polypropylene: 3–13
Polyester: 3–10



ORDERING INFORMATION

XS	G	544	V	CR 2.20	HC
SERIES	MEDIA/END CAPS	SIZE	SEAL	Cartridge fits both 2.20 & 1.56" risers	Blank = Typical Process Applications HC = Condensate Discoloration
	Blank = Polypropylene G = Polyester	520 522 540 544	Blank = Buna-N E = EPDM V = Viton		

APPLICATIONS

- Removal of heavy hydrocarbon impurities and aromatics from glycol and amine process liquids used to dehydrate and sweeten natural gas
- Removal of hydrocarbon color species from Natural Gas Liquids (NGL)
- Removal of hydrocarbons and aromatics from produced water streams



Left: Rich Glycol before XstreamSorb

Right: Lean Glycol after one pass through XstreamSorb!

• Viton® is a registered trademarks of E. I. du Pont de Numours and Company.

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