

# PECO Series S

XTREAMPHASE®

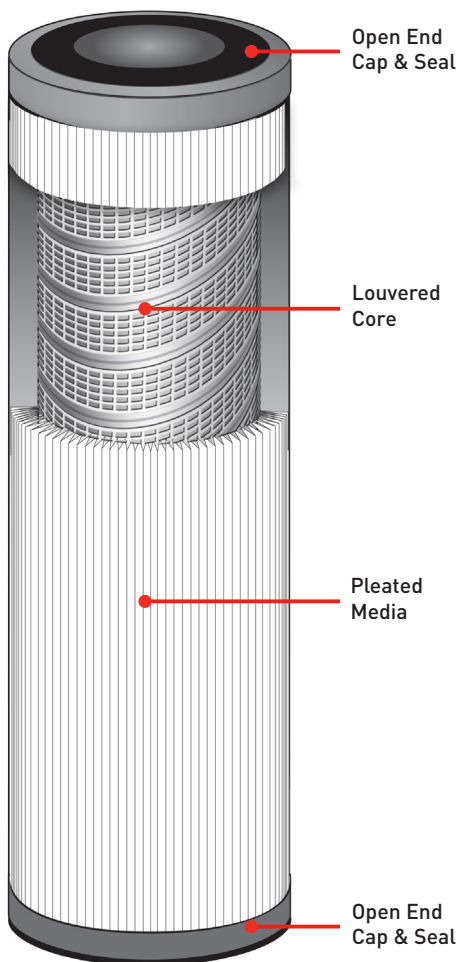
PLEATED CELLULOSE STYLE  
LIQUID/LIQUID PHASE SEPARATORS

for use in PECO Series 110V & 110H XstreamPhase®  
vessels or competitor vessels of similar design



Series S separator cartridges are used in conjunction with Series C and IPC coalescer cartridges in vertical and horizontal PECO Series 110 vessels. They can also be used as a retrofit to other competitor equivalents. The cellulose media is hydrophobic and the cartridge acts as a final check to repel coalesced water droplets and prevent them from going downstream.

The Series S cellulose separator is silicone treated to make it hydrophobic. It is a disposable cartridge and good general purpose, cost effective separator.



## HAVING AN UNWANTED IMMISCIBLE FLUID IN A PRODUCT STREAM CAN BE COSTLY.

Don't let it create maintenance issues on equipment and cause product to be off-spec. PECO coalescing and separation technologies provide solutions to improve our customers operating costs and improve product quality. Our cartridges are designed to separate two phase liquid stream and remove the unwanted free, immiscible, dispersed droplets from the continuous fluid stream.

The word coalescence means "to grow". The coalescer media chemistry creates an affinity to attract the small immiscible liquid droplets (discontinuous phase) suspended in a fluid (continuous phase). As the small droplets are attracted they collide with each other allowing them to grow into larger droplets. The larger droplets are carried through the coalescing media and separated from the continuous fluid stream by gravity.

The coalescer cartridge can be used in conjunction with a separator cartridge when removing aqueous contaminants. The separator cartridge contains a hydrophobic media which acts as a barrier to repel coalesced aqueous droplets from the continuous, purified liquid stream.

## MATERIALS

<b>MEDIA</b>	Silicone Treated Cellulose
<b>CORE</b>	Aluminum
<b>END CAPS</b>	Aluminum
<b>SEAL</b>	Buna-N, Viton®
<b>ADHESIVE</b>	Urethane

## NOMINAL DIMENSIONS

SIZE	O.D.	I.D.	LENGTH
611	6" / 152mm	3.5" / 89mm	11.25" / 287mm
614	6" / 152mm	3.5" / 89mm	14.50" / 368mm
616	6" / 152mm	3.5" / 89mm	16.25" / 413mm
622	6" / 152mm	3.5" / 89mm	22.25" / 565mm
629	6" / 152mm	3.5" / 89mm	28.75" / 730mm
632	6" / 152mm	3.5" / 89mm	33.25" / 819mm
633	6" / 152mm	3.5" / 89mm	33.25" / 845mm
636	6" / 152mm	3.5" / 89mm	36.00" / 914mm
644	6" / 152mm	3.5" / 89mm	44.00" / 1118mm

## PERFORMANCE

**MICRON RATING:** 5

## OPERATING DATA

**FLOW DIRECTION:** Outside-to-Inside

**MAX TEMP:** 240°F / 116°C

**MAX. DIFFERENTIAL PRESSURE:** 25 psid / 1.7 bar

**RECOMMENDED CHANGE-OUT**

**DIFFERENTIAL PRESSURE:** 15 psid / 1.0 bar

**PH RANGE:** 5 – 9

## ORDERING INFORMATION

<b>S</b>	-	<b>611</b>	-	[ ]
<b>SERIES</b>		<b>SIZE</b>		<b>SEAL</b>
		611		Blank = Buna-N
		613		V = Viton
		614		
		616		
		622		
		629		
		633		
		636		
		644		

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

© 2019 Parker Hannifin Corporation  
DS-OG-XTREAMPHASE-S-191106



**Parker Hannifin Corporation**  
**Industrial Process Filtration Division**  
 Phone 940-325-2575 | Toll Free 1-800-877-7326  
 Email IPF\_AM\_TechSupport@parker.com  
 www.parker.com/ipf