

# PECO Series PGC

PEACH® GEMINI  
PEACH DEPTH STYLE  
GAS FILTER-COALESCING CARTRIDGES

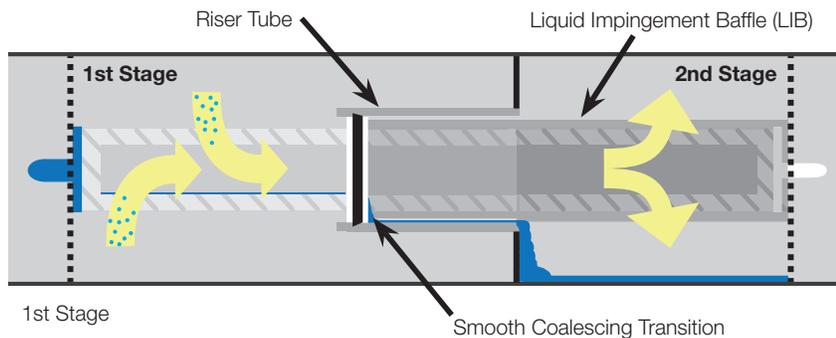
for use in PECO Series PGCPH  
PEACH Gemini PuraSep® vessels



The PEACH Gemini, Series PGC, cartridge is specifically designed for use with the PEACH Gemini PuraSep vessel in natural gas filter-coalescing applications. Its unique patented design provides dual flow path filtration with all the added benefits of PEACH technology. Gas flows outside-to-inside through the 1st Stage of the cartridge where

solid contaminant is captured and liquids are pre-coalesced. Then, as gas travels through the inside diameter of the cartridge at the chevron seal, a smooth transition is made and the gas flows inside-to-outside through the 2nd Stage of the cartridge removing coalesced liquids down to 0.3 microns.

PEACH® is a patented manufacturing process for making a unique depth style filter cartridge. Through thermal bonding, spiral layers of engineered filtration media are applied to conform and overlap each previous layer forming a conical helix pattern. This filter structure results in a gradient density pattern that provides an extraordinary flow path in radial, axial and helical directions. This tortuous flow path yields high contaminant loading, structural strength, maximum efficiency, and an overall outstanding filtration performance.

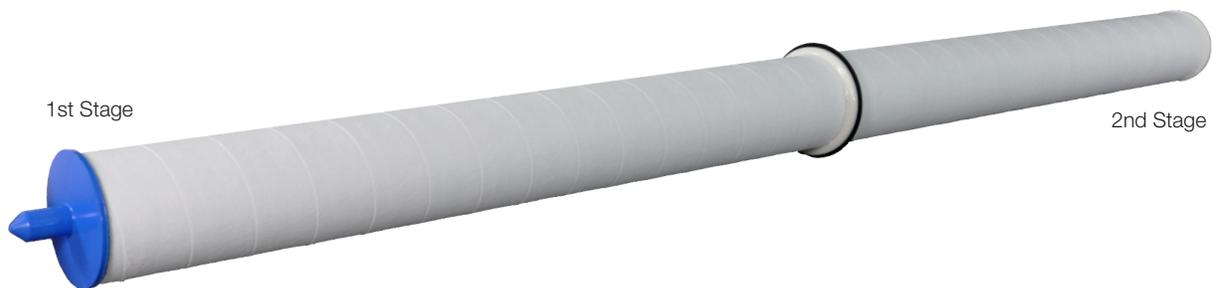


## Removes Contaminants such as:

Asphaltenes, Coal Fines, Dirt, Iron Sulfides, Molecular Sieve Dust, Pipe Scale, Salts, Sand, Wear Metals

## Coalesces Aerosol Liquid Droplets such as:

Amine, Condensate, Glycol, Lubricating Oils, Water, Low Surface Tension Fluid



ENGINEERING YOUR SUCCESS.

## MATERIALS

<b>COALESCING MEDIA</b>	PEACH Polyester or Polypropylene
<b>CORE</b>	Plated Steel (if required)
<b>END CAPS</b>	Polyester or Polypropylene
<b>SEAL</b>	Buna-N, Viton, EPDM, HNBR, TCV

## OPERATING DATA

**FLOW DIRECTION:** 1st Stage: Outside-to-Inside  
2nd Stage: Inside-to-Outside

**MAX. TEMP:** Polypropylene 180°F / 82°C  
Polyester 240°F / 116°C

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

**RECOMMENDED CHANGE-OUT DIFFERENTIAL PRESSURE:** 12–14 psi / 0.8–1.0 bar

## NOMINAL DIMENSIONS

SIZE	O.D.	LENGTH
373	4.6" / 117mm	73" / 1854mm
382	4.6" / 117mm	82" / 2083mm
394	4.6" / 117mm	94" / 2388mm

## PERFORMANCE

### STANDARD RECIPE:

99.99% of 0.3 micron & larger solid particles  
99.5% of 0.3 micron & larger liquid droplets  
≤ 50 PPB (wt) effluent

### PL-20 RECIPE

99.99% of 0.3 micron & larger solid particles  
99.99% of 0.3 micron & larger liquid droplets  
≤ 8 PPB (wt) effluent

### PL-23 RECIPE

99.99% of 0.3 micron & larger solid particles  
99.98% of 0.1 micron & larger liquid droplets  
99.99% of 0.3 micron & larger liquid droplets  
≤ 2 PPB (wt) effluent



## ORDERING INFORMATION

<b>PGC</b>	—	<b>373</b>	—		—	<b>V</b>		<b>C</b>		<b>PL-20</b>
<b>SERIES</b>		<b>SIZE</b>		<b>MEDIA/END CAPS</b>		<b>SEAL</b>		<b>CORE</b>		<b>PERFORMANCE LEVEL</b>
		373		Blank = polyester PP = polypropylene		Blank = Buna-N V = Viton EPDM = Ethylene Propylene Diene Monomer HNBR = Hydrogenated Buna TCV = Teflon® Coated Viton®		Blank = No Core C = Core		Blank = Standard recipe PL-20 = PL-20 recipe PL-23 = PL-23 recipe

- PL-20 and PL-23 recipes come with cores.
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