# **PECO Series EZ-PCHG**

PEACH® DYNASEP™
PEACH DEPTH STYLE
GAS FILTER-SEPARATOR CARTRIDGES

for use in PECO Series 75 Titan PuraSep<sup>®</sup> filter-separator vessels

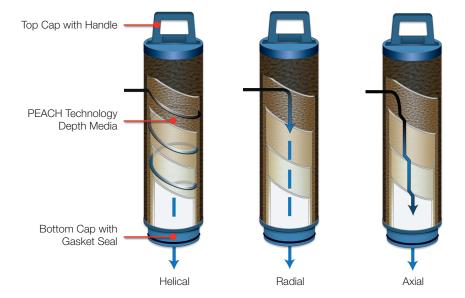


The PEACH DynaSep, Series EZ-PCHG, cartridge utilizes PEACH technology to remove deformable and shear sensitive contaminants from natural gas streams. The unique end cap design requires no tools, allowing for easy installation & removal during change-outs. The inclusion of EZ-Align® ensures a positive seal and prevents cartridge sagging. The unprecedented multi-

directional, tortuous flow path creates a true gradient depth filter that increases time for contaminant removal while maintaining porosity and permeability through the media. PEACH cartridges have become a go-to filter used by consumers who have seen the benefits of longer on-stream service life between change-outs and improved effluent gas quality.

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.

# THREE FLOW PATHS FOR UNPARALLELED FILTRATION



### Removes Contaminants such as:

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



#### **MATERIALS**

MEDIA	PEACH Depth Technology – Polyester or Polypropylene	
CORE	None or Plated Steel 0.1 and 1 micron cartridges come standard with no core (optional to add) 0.3, 0.5, 5 and 10 micron cartridges come standard with core	
SEAL	Buna-N. EPDM. HNBR or Viton®	

#### **NOMINAL DIMENSIONS**

SIZE	O.D.	I.D.	LENGTH
328	4.5" / 114mm	3.0" / 76mm	28" / 711mm
343	4.5" / 114mm	3.0" / 76mm	43" / 1092mm
379	4.5" / 114mm	3.0" / 76mm	79" / 2007mm

#### **PERFORMANCE**

MICRON RATINGS: 0.1, 0.3, 0.5, 1, 5, 10

**EFFICIENCY:** 99.98%

 The 0.1µm rated cartridge contains nanofibers within the PEACH depth structure

 0.1µm and 0.3µm ratings are recommended when iron sulfide removal is required

#### **OPERATING DATA**

FLOW DIRECTION: Outside-to-Inside

MAX. TEMP: Polypropylene 180°F / 82°C

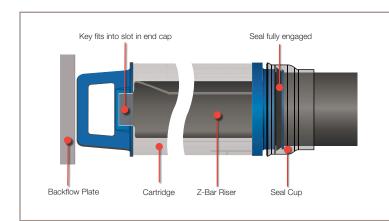
Polyester 240°F / 116°C

#### **MAX. DIFFERENTIAL PRESSURE:**

25 psi / 1.7 bar (without metal core) 50 psi / 3.4 bar (with metal core)

**RECOMMENDED CHANGE-OUT** 

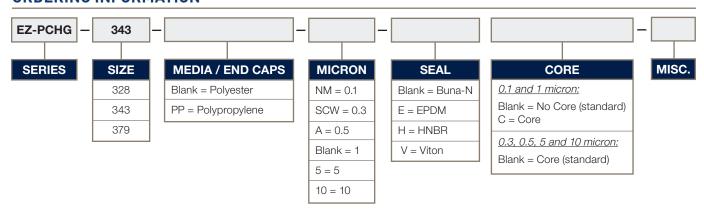
DIFFERENTIAL PRESSURE: 12-15 psi / 0.8-1.0 bar



### **EZ-Align®**

EZ-Align features an alignment key between the housing riser and cartridge end cap. This allows the cartridge to be held concentric to the riser and will prevent sagging as the cartridge becomes loaded with liquid contaminants. It also ensures that the cartridge gasket seal remains firm against the riser seal cup wall so bypass does not occur. Even better, no tools are required to install or remove cartridges, making change-outs a breeze!

#### **ORDERING INFORMATION**



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

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