

PECO Series PCHG

PEACH® DYNASEP™

PEACH DEPTH STYLE

GAS FILTER-SEPARATOR CARTRIDGES

for use in PECO Series 75 & 85 filter-separator vessels
or competitor vessels of similar design



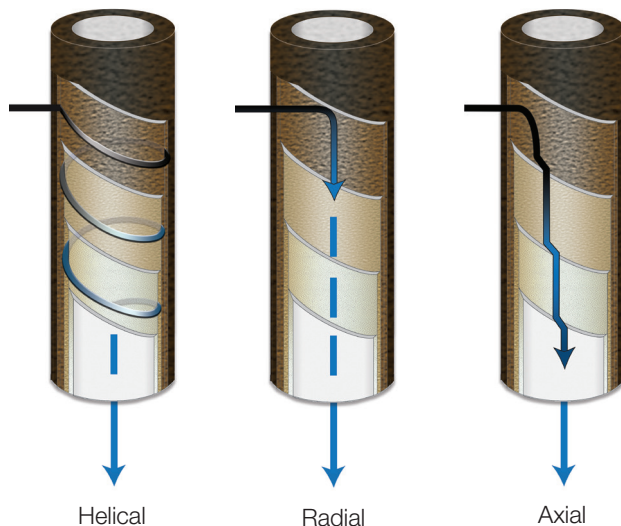
The PEACH DynaSep, Series PCHG, cartridge is a great choice for removing deformable & shear-sensitive contaminants found in natural gas streams. This cartridge can be used in the PECO Series 75 and Series 85 vessels, as well as in several competitor filter-separator vessels. The synthetic construction allows for an environmentally

friendly product and an excellent upgrade option to traditional fiberglass cartridges. The Series PCHG is made using the patented PEACH process which provides increased flow, high efficiency and effective removal of contaminants. This equates to increased operational life, fewer change-outs, reduced maintenance and reduced costs.

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.

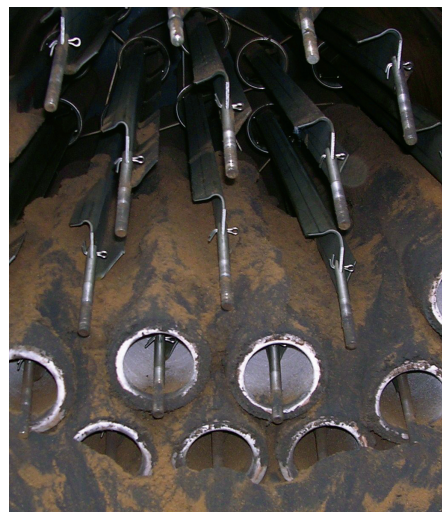


THREE FLOW PATHS FOR UNPARALLELED FILTRATION



Removes Contaminants such as:

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



ENGINEERING YOUR SUCCESS.

MATERIALS

MEDIA	PEACH Polyester or Polypropylene
CORE	Plated Steel (if required)
END CAPS	Integral End Caps (Standard – No Gasket Seal Required) Plated Steel (Optional)
SEAL	None (Standard), Buna-N, EPDM, Viton®

OPERATING DATA

FLOW DIRECTION: Outside-to-Inside

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

MAX. DIFFERENTIAL PRESSURE:

3.0"OD: 25 psid (no core) / 1.7 bar (no core)
50 psid (with core) / 3.4 bar (with core)

4.5"OD: 25 psid (no core) / 1.7 bar (no core)
50 psid (with core) / 3.4 bar (with core)

5.5"OD: 35 psid (with core) / 2.4 bar (with core)

RECOMMENDED CHANGE-OUT

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

- Max. Pressure may be limited by housing manufacturer's design

PERFORMANCE

MICRON RATING: 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

NOMINAL DIMENSIONS

SIZE	O.D.	I.D.	LENGTH
12	3" / 76mm	2.1" / 54mm	12" / 305mm
24	3" / 76mm	2.1" / 54mm	24" / 610mm
36	3" / 76mm	2.1" / 54mm	36" / 914mm
72	3" / 76mm	2.1" / 54mm	72" / 1829mm
312	4.5" / 114mm	3.1" / 79mm	12" / 305mm
318	4.5" / 124mm	3.1" / 79mm	18" / 458mm
324	4.5" / 114mm	3.1" / 79mm	24" / 610mm
336	4.5" / 114mm	3.1" / 79mm	36" / 914mm
372	4.5" / 114mm	3.1" / 79mm	72" / 1829mm
536	5.5" / 140mm	4.25" / 108mm	36" / 914mm
572	5.5" / 140mm	4.25" / 108mm	72" / 1829mm

ORDERING INFORMATION

PCHG	–	336	–		–		–		–		–		–		–	
SERIES		SIZE		MICRON		CORE		TOP CAP OPTION		MISC.		END CAPS / SEAL				
		12 24 36 72 312 318 324 336 372 536 572		Blank = 1 NM* = 0.1 (nano) SCW* = 0.3 A = 0.5 5 = 5 10 = 10 * for iron sulfides		CORE 3" OD Blank = No Core C = Metal Core CORE 4.5" OD NM & 1 micron Blank = No Core C = Metal Core A, SCW, 5, 10 micron Blank = Metal Core CORE: 5.5" OD Blank = Metal Core		Blank = DOE CE = Closed metal cap w/ bolt hole		SS = Stainless Hardware		Blank = No Metal Cap or Seal B = Metal Cap / Buna-N E = Metal Cap / EPDM V = Metal Cap / Viton				



Integral End Caps are a feature of PEACH. It eliminates the need for a separate gasket and provides the same durometer/hardness.



The CE Top End Cap option eliminates the need to keep up with a reusable, separate dimple washer cap that is required to seal the double open end (DOE) style cartridge.



Optional bottom metal end cap with gasket seal.

- Consult factory for available options.
- Viton® is a registered trademarks of E. I. du Pont de Nemours and Company.