

PEACH® DynaSep™ PEACH DEPTH STYLE, GAS FILTER-SEPARATOR CARTRIDGES

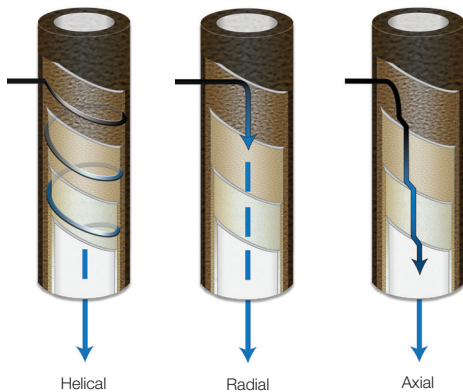
Series PCHG

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 and 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 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.



THREE FLOW PATHS FOR UNPARALLELED FILTRATION

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



PCHG Integral End Cap Style



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

PCHG Closed Top Cap Style

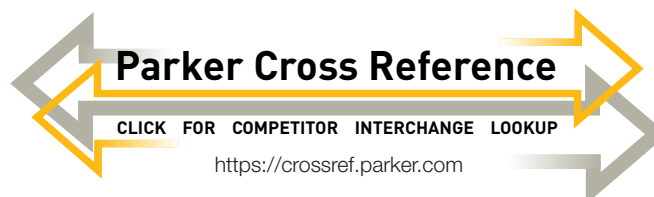


The CE Top End Cap option eliminates the need to keep up with a reusable, separate dimple washer cap that is required to seal the double open end (DOE) style cartridge.

PCHG Metal End Cap Style



Optional metal end cap with gasket seal.



ENGINEERING YOUR SUCCESS.

MATERIALS

MEDIA	PEACH Polyester or Polypropylene
CORE	Tin Plated Steel (*if required)
END CAPS	Integral End Caps (Standard – No Gasket Seal Required) Tin 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 / 1.7 bar (no core)
50 psid / 3.4 bar (with core)

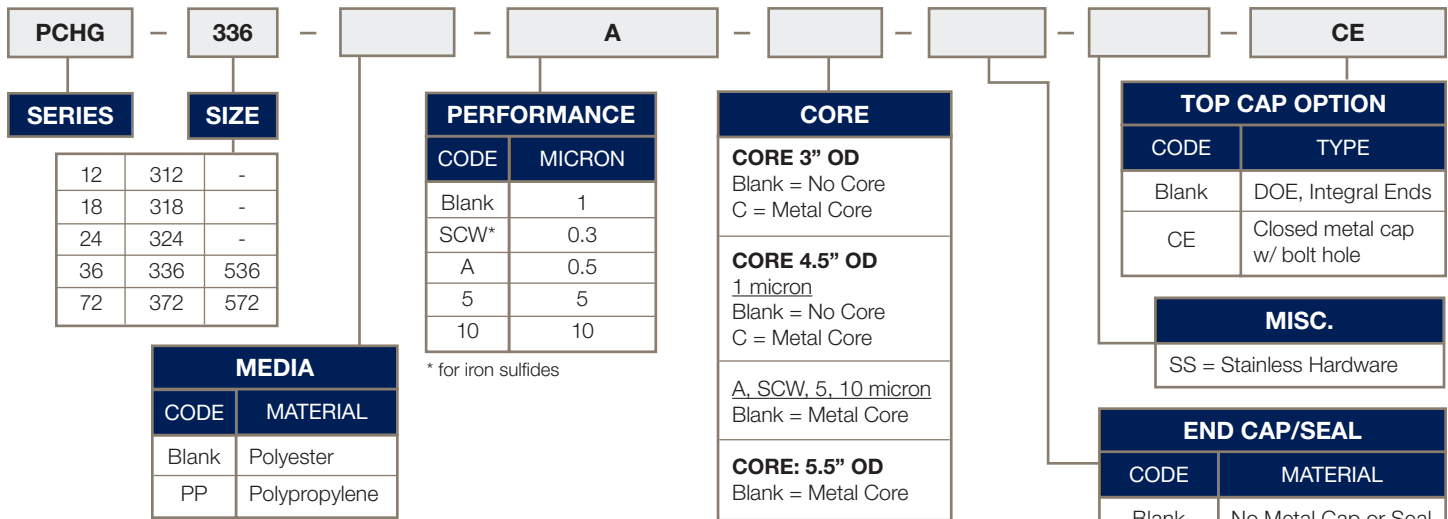
4.5"OD: 25 psid / 1.7 bar (no core)
50 psid / 3.4 bar (with core)

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

RECOMMENDED CHANGE-OUT

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

• Max. Pressure may be limited by vessel manufacturer's design



PERFORMANCE

MICRON RATING: 0.3, 0.5, 1, 5, 10

EFFICIENCY: 99.98%

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
18	3" / 76mm	2.1" / 54mm	18" / 457mm
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



**SCAN QR CODE FOR ADDITIONAL
PRODUCT INFORMATION INCLUDING
AVAILABLE PART NUMBERS**

For technical questions contact ipf.technical@support.parker.com or call 940-325-2575
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