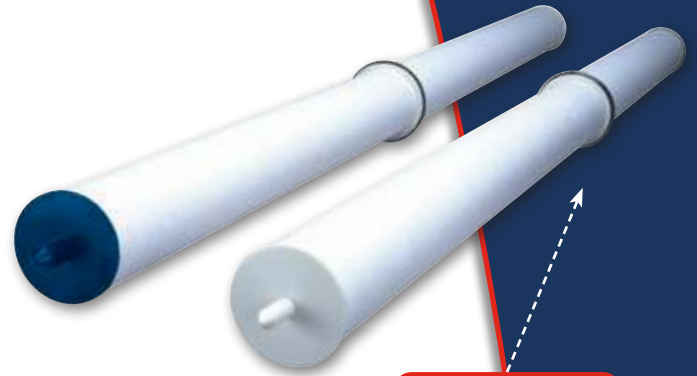




PEACH® GEMINI

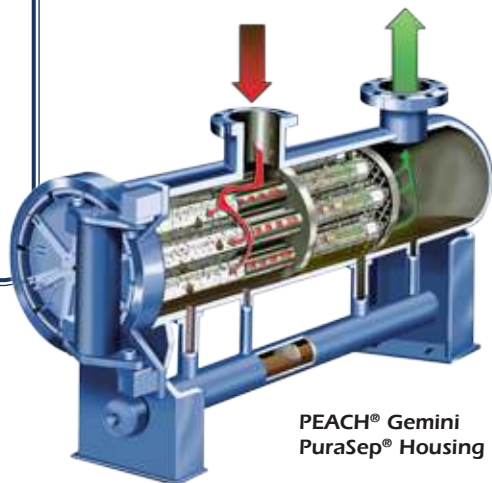
GAS FILTER/COALESCING CARTRIDGES

PEACH® Gemini cartridges are specifically designed for use with the PEACH® Gemini PuraSep® housing in natural gas 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.



Chevron Seal

- **28 X** more liquid capacity and **7 X** greater service life than a vertical coalescer
- Chevron seal prevents contaminant bypass
- Single tube design provides a smooth transition for coalesced liquids
- Single cartridge change-out ensures clean, efficient 2nd stage coalescing at each new start-up
- Cartridge replacement fast and simple; no tools required
- PEACH® Advanced Depth Technology is perfect selection for removal of deformable and shear-sensitive contaminants typically seen in natural gas applications



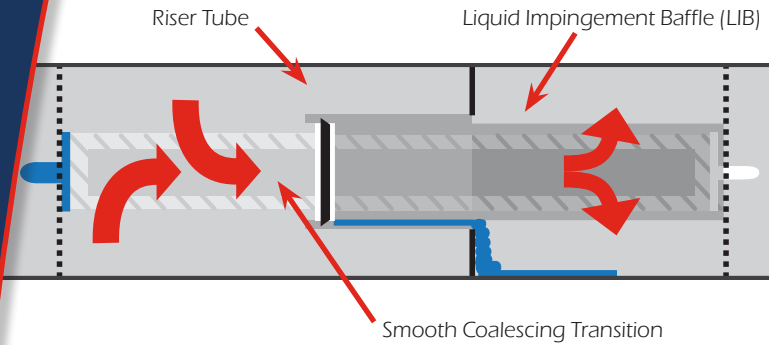
PEACH® Gemini PuraSep® Housing

OIL & GAS CARTRIDGE

FIELD PROVEN RESULTS



PEACH® *Saturated Depth Coalescing*™ provides an open 3-D depth matrix structure which allows liquids to saturate the media depth and grow to fullest potential then drain with gravity when the droplet is ready, all while maintaining a low differential pressure.



The liquids coalesced via the outside-to-inside flow will settle, due to gravity, to the inside wall of the cartridge, and travel inside-to-outside in the encased area just beyond the chevron seal where drain off occurs.

MATERIALS

- **MEDIA** PEACH® Depth Technology
- **CORE** as required; tin plated steel
- **END CAPS** Polyester or Polypropylene
- **CHEVRON GASKET** Buna-N, Viton®, EPDM

PERFORMANCE

| MAX. TEMP. (C) | MAX. PRESSURE (bar) | RECOMMENDED CHANGE-OUT PRESSURE (bar) |
|-------------------------------------|---------------------------------|---------------------------------------|
| Polyester: 116 Polypropylene: 82 | 1.7 w/out core 3.4 with core | 0.8–1.0 |

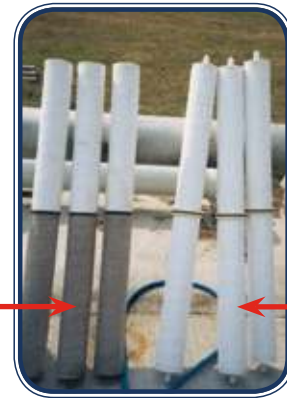
PARTICLE RETENTION

STANDARD RECIPE

99.5% of 0.3 micron & larger liquid particles
99.99% of 0.3 micron & larger solid particles

PL-20 RECIPE

99.99% of 0.3 micron & large solid and liquid particles with an effluent of <2 PPB (wt) by CAGI ADF400-1999.



NOMENCLATURE

| | | | | | | | | | | |
|-----|---|---|---|--------------------------|---|---|---|--|--|--|
| PGC | – | 3 | – | 73 | – | V | – | C PL-20 | | |
| | | | | LENGTH 73 82 94 | | MEDIA/END CAPS Blank = polyester PP = polypropylene | | CHEVRON MATERIAL Blank = Buna-N V = Viton EPDM = EPDM | | PERFORMANCE LEVEL Blank = Standard recipe; No Core C = Standard recipe with Core C PL-20 = PL-20 recipe with Core |

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PECOFacet has a policy of continuous product research and development and reserves the right to change design and specifications without notice.

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(PFMW 201502 A4)



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PEACH® GEMINI PuraSep® products protected by USA Patent Nos. 5827430, 5893856, 5919284 and 6168647 as well as patents in various other countries.

Refer to the website for the most current literature editions.

For inquires email: sales@pecofacet.com