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PEACH® GEMINI PGC & PGC2 Gas Filter-Coalescer Cartridge

Part #: PF000020



PGC-394-HNBR-C PL-23

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Technical Specifications

Changeout Pressure Differential:	12-14 PSID	Filter Material:	Polyester
Filter Construction:	PEACH Depth	End Cap Configuration:	Closed both ends
Micron Rating:	PL-23: 0.3 Solids + 99.98% ≥ 0.1 Liquid Droplets, ≤ 2PPB Effluent	Changeout Pressure Differential:	12-14 PSID
Maximum Pressure Differential:	25 PSID	End Cap Material:	Polyester
Model Number:	ELMT PGC-394-HNBR-C PL-23	Maximum Pressure Differential:	25
Product Series:	PGC	Quantity per Box:	1
Division:	Industrial Process Filtration Division	Seal Material:	HNBR
Nominal Outside Diameter:	4.6"	Product Type:	Filter Cartridge
Brand:	PECO	Core Material:	Tin-Plated Steel
Product Series:	PGC	Industry:	Oil and Gas
Micron Rating:	0.3	Maximum Operating Temperature:	240 F
Cartridge Length:	94"	pH Range:	3-9
Filter Construction:	PEACH Depth Clarifier	Technology:	Filtration
Body Material:	N/A	Flow Direction:	Stage 1 Out-In, Stage 2 In-Out

[Safety Warning](#)

Item Information

The PEACH® Gemini, Series PGC & PGC2, 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.

PGC cartridges can be used in PECO brand Series PGCPH vessels (Generation 1).

PGC2 cartridges can be used in PECO brand Series GEM2 vessels (Generation 2) or Series PGCPH vessels that have been converted to use PGC2 cartridges.

INDUSTRIES

- Oil & Gas

FEATURES/BENEFITS

- 0.3 micron high efficiency coalescing
- Three performance level options for efficiency needs
- PEACH® technology
- Removes contaminants such as asphaltenes, coal fines, dirt, iron sulfides, molecular sieve dust, pipe scale, salt, sand, wear metals
- Coalesces aerosol liquid droplets such as amine, condensate, glycol, lubricated oils, water, low surface tension fluids

APPLICATIONS

- Compressor Suction and Discharge
- Pre/Post Contactor
- Fired Reboiler
- Gas Analyzer
- Gas Injection System
- Landfill Gas
- Line Heater
- Propane Refrigeration System
- Solid Desiccant or Molecular Sieve Bed
- Turbine Fuel Gas
- Metering Station
- Plant Feed
- Low NOx Burner Tip Protection
- Storage Withdrawal

CAD Drawings + Files



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