PEACH-PURE™ P90 Liquid Filter Cartridge

Part #: 00-039061

P90-229-AN- 10L

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Technical Specifications

Core Material:	N/A	Division:	Industrial Process Filtration Division
Micron Rating:	10.0	Brand:	PECO
Model Number:	ELMT P90-229-AN- 10L	Product Series:	P90
pH Range:	2-14	Filter Construction:	PEACH Depth
End Cap Material:	Polypropylene	Changeout Pressure Differential:	20-30 PSID
Seal Material:	Integral PEACH end serves as seal	Maximum Pressure Differential:	50 PSID
End Cap Configuration:	DOE - Double Open End	Flow Direction:	Outside-to-Inside
Filter Material:	Polypropylene	Quantity per Box:	20
Body Material:	N/A	Product Type:	Filter Cartridge
Nominal Inside Diameter:	1"	Industry:	Oil and Gas
Maximum Operating Temperature:	180 F	Application:	Liquid Particulate Filtration
Nominal Outside Diameter:	2.5"	Technology:	Filtration
Cartridge Length:	29.25"		

Safety Warning

Item Information

PEACH-Pure™ Series P90 depth style filter cartridge for deformable and shear sensitive contaminant removal used in a variety of liquid filtration applications. The cartridges are made from Parker Engineered Media (PEM) specifically created for use in filtration. Fibers of various denier are weighed, blended and thermally bonded, then formed into a compressed filter media sheet. Multiple recipe layers of PEM are then used in the PEACH® technology process to manufacture the unique, advanced depth filtration PEACH-Pure cartridge.

Why Use PEACH® Filtration Technology?
PEACH (Parker Engineered Applied Conical Helix) is a process for manufacturing advanced depth filter cartridges. The cartridge consists of several lateral sections of PEM media that are applied through thermal bonding to conform and overlap each previous layer, forming a cone, the conical helix structure. Each layered section has a filtration recipe designed so that the cartridge has a true graded density. This means contaminants are captured from the outside to the inside based on their size and allows for complete utilization of the depth of the cartridge. The combination of the PEM media with its open pore structure and the PEACH process with its true graded density conical pattern yields high contaminant loading, especially with deformable and shear-sensitive particulate commonly seen in oil and gas applications. The thermal bonding of the layers produces a cartridge that is structurally sound which ensures that the media's pore structure remains open, not choked under pressure loading.

Numerous customers choose PEACH cartridges to enhance their overall total cost of filtration by reducing maintenance and operational costs,

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•Oil & Gas

FEATURES/BENEFITS
•Made with in-house Parker Engineered Media which provides consistant filtration media recipes
•Both individual fibers and media sheets are thermal bonded so no resins are required. This keeps the media pore structure open and provides excellent porosity and permeability.
•Conical helix flow pattern creates a longer, tortuous flow path in radial, axial and helical directions which increases the probability of contaminant removal
•Rigid thermal bonded construction creates a strong filter tube that prevents contaminant from unloading or channeling as differential pressure increases and can be used in viscous fluid applications
•Environmentally friendly filter media is 100% synthetic and does not contain resins which can be of environmental concern. The media tube can be disposed of by incineration, crushing or shredding.

APPLICATIONS
•Amine
•Glycol
•Oils
•Chemicals
•Process Fluids
•Solvents
•Water

CAD Drawings + Files

Related Documents

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