Parker Series PCLAS

PEACH-PURE™

PEACH DEPTH STYLE, CLASSIFIER LIQUID FILTER CARTRIDGES

For use in Parker Fulflo® vessels or competitor vessels of similar design

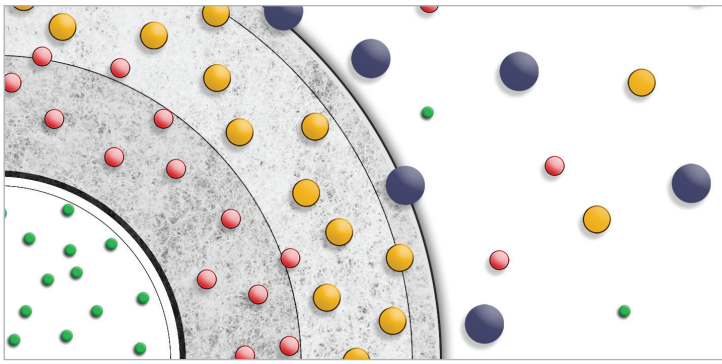
The PEACH-Pure, Series PCLAS, provides consistent filtration for a wide variety of fluids. The PCLAS uses PEACH filtration technology to create a thermally bonded, three-dimensional depth filter with a fixed pore structure to classify contaminant capture and maintain consistent efficiency throughout its life. This type of filtration acts as a sieve to focus on retaining targeted particle sizes while allowing smaller non-harmful particle sizes to pass through.

FEATURES	BENEFITS
Parker Engineered Media	Fibers of various sizes are thermally bonded to build, in house, specific filtration media recipes.
Thermal Bonded Fibers	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.
3-Stage Classification Layers	Classifies particle capture within each layer to target specific sizes while allowing smaller non-harmful particles to pass through.
Conical Helix Flow Pattern	Creates a longer, tortuous flow path in radial, axial and helical directions which increases the probability of contaminant removal.
Rigid Construction	Rigid thermal bonded matrix creates a strong filter tube that prevents contaminant from unloading or channeling as differential pressure increases.
Environmentally Friendly 100% Synthetic Filter Media	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.
Silicone Free Construction	Helps prevent craters/fisheyes in inks and paints.

APPLICATIONS

- **Inks**
- **Paints**
- **Coatings**
- **Coolants**
- **Plating Solutions**
- **Chemicals**
- **Water**
- **Process Fluids**
- **Solvents**

CLASSIFIER FILTRATION MECHANICS



CONTAMINANT DISTRIBUTION	
●	Large Particle Retention
● ●	Targeted Particle Retention
●	Non-harmful particles allowed to pass through

Efficiency remains consistent throughout life of cartridge.

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ENGINEERING YOUR SUCCESS.

MATERIALS

MEDIA	PEACH Depth Technology – Polyester
CORE	Polyester or 304 Stainless Steel
END CAPS	Standard – None See end cap options under ordering information
SEAL	None (Standard), Buna-N, EPR, Viton, Silicone

OPERATING DATA

FLOW DIRECTION: Outside-to-Inside

MAX TEMP: 240ºF / 116ºC

MAX. DIFFERENTIAL PRESSURE: 85 psid / 5.9 bar with steel core
50 psid / 3.4 bar with plastic core

RECOMMENDED CHANGE-OUT DIFFERENTIAL PRESSURE: 50 psid / 3.4 bar with steel core
25–30 psid / 1.7–2.0 bar with plastic core

PH RANGE: 3–9

NOMINAL DIMENSIONS

SIZE	O.D.	I.D.	LENGTH
209	2.5” / 64mm	1” / 25mm	9.75” / 248mm
210	2.5” / 64mm	1” / 25mm	10” / 254mm
219	2.5” / 64mm	1” / 25mm	19.5” / 495mm
220	2.5” / 64mm	1” / 25mm	20” / 508mm
229	2.5” / 64mm	1” / 25mm	29.25” / 743mm
230	2.5” / 64mm	1” / 25mm	30” / 762mm
239	2.5” / 64mm	1” / 25mm	39” / 991mm
240	2.5” / 64mm	1” / 25mm	40” / 1016mm

PERFORMANCE

MICRON RATINGS: 2, 5, 10, 25, 50, 75

ORDERING INFORMATION

PCLAS – **240** – **A** – **10** – **V** – **SS**

SERIES

SIZE

CODE	OD	LENGTH
209	2.5”	9.75”
210	2.5”	10”
219	2.5”	19.5”
220	2.5”	20”
229	2.5”	29.25”
230	2.5”	30”
239	2.5”	39”
240	2.5”	40”

PERFORMANCE

CODE	MICRON
02	2
05	5
10	10
25	25
50	50
75	75

SEAL

CODE	MATERIAL
BLANK	None
B	Buna-N
E	EPR
V	Viton
S	Silicone

CORE

CODE	MATERIAL
BLANK	Polyester
SS	304 Stainless

END TREATMENT

CODE	END STYLE
A	Double Open End (DOE) *** No End Caps or Seal
O	Single Open End: Closed Top Cap / 222 O-Ring Seal Bottom Cap *** Requires Seal
S	Single Open End: Polyester Spring Closed Top / Std Open End Bottom *** No Seal
SX	Single Open End: Polyester Spring Closed Top / Open End Bottom with Extender *** No Seal
X	Double Open End w/ Extender *** No Seal

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