

Claripor™ Filter Cartridges

Polypropylene pleated depth media for critical process applications

The best of pleated and depth style technologies combine in Parker's Claripor™ pleated depth filter cartridges. The unique layered construction provides absolute retention with high flow rates and excellent gel removal. These features, in addition to Claripor's high contaminant holding capacity and exceptional clarifying ability make it an ideal choice for a wide array of critical process applications.

Claripor cartridges are available with polypropylene media in absolute (99.98%) micron ratings from 0.5 to 90 microns.



Contact Information

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Benefits

- Pleated construction yields high flow rates compared to traditional depth filters
- Rigid cage design permits superior strength
- Graded density layering for superior removal of amorphous particles
- Available with all industry standard end configurations
- Absolute retention ratings for critical filtration
- All materials listed as acceptable for potable and edible contact according to CFR Title 21
- Manufactured with strict quality control
- Parker Process Filtration Division is an ISO9001:2008 registered company

Applications

- Critical coatings
- Inkjet inks
- Specialty chemicals

Claripor™ Filter Cartridges

Specifications

Materials of Construction:

Media - Polypropylene

Support/Drainage - Polypropylene

Hardware - Polypropylene

O-Rings (SOE) - EPR, Buna-N, Viton®, Silicone, PFA Encapsulated Viton®

Gaskets (DOE) - EPR, Buna-N, Viton®, Silicone

Recommended Operating Conditions:

Flow Rate - 5gpm (18.9 lpm) per 10" equivalent

Change-out Pressure - 35psid (2.4bar)

Retention Ratings (99.98%):

0.5, 1.5, 3, 4.5, 10, 20, 30, 40, 70, 90µm

Maximum Operating Conditions:

Maximum Temperature

176°F (80°C) @ 30psid (2.1bar)

Maximum Differential Pressure

70psi (4.8bar) @ 77°F (25°C)

30psi (2.1bar) @ 176°F (80°C)

Dimensions (nominal):

Outside Diameter

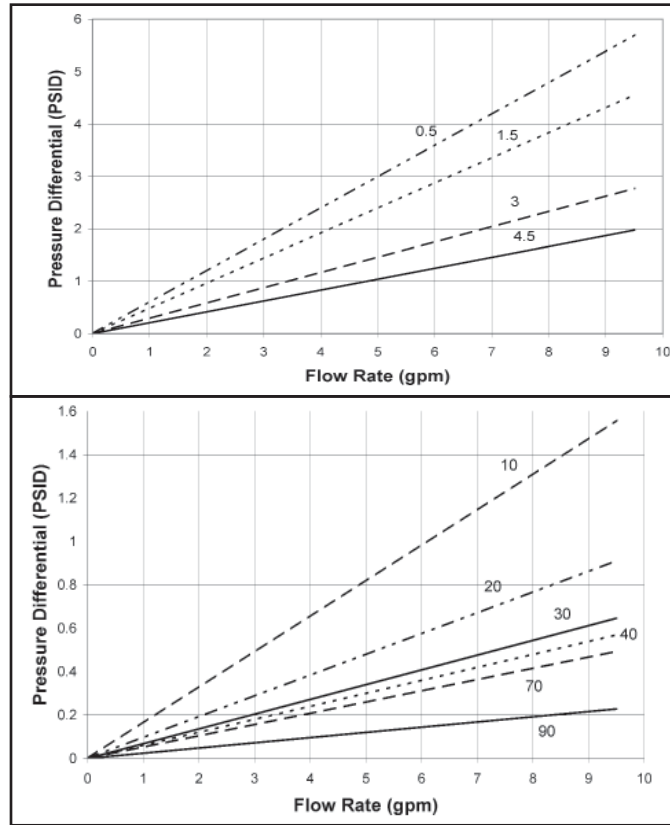
2.7" (6.86 cm)

Inside Diameter

1" (2.54 cm)

Performance Attributes

Flow rate vs. ΔP for a 1cks liquid @ 73°F (23°C)*



*Consult Division for gas flow data 877-764-2234

Ordering Information

Cartridge Code		Pore Size		Nominal Length		Core Material		Seal Material		End Cap Configuration	
CP	Claripor	CODE	MICRON	CODE	INCHES (CM)	CODE	MATERIAL	CODE	MATERIAL	CODE	DESCRIPTION
		005	0.5	4	4" (10.16)	A	Natural Polypropylene	E	EPR	DO	Double open end (DOE)
		015	1.5	5	5" (12.7)	F	Glass-filled polypropylene	N	Buna-N	DX	Double open end/extended core
		030	3.0	10	10" (25.4)			S	Silicone	TC	222 O-ring/Flat
		045	4.5	20	20" (50.8)			T	PFA Encapsulated Viton® (O-rings only, not gaskets)	TF	222 O-ring/Fin
		100	10	30	30" (76.2)			V	Viton®	TX	222 O-ring/Flex Fin
		200	20	40	40" (101.6)					SC	226 O-ring/Flat
		300	30							SF	226 O-ring/Fin
		400	40							STC	222 O-ring/Flat cap w/SS insert
		700	70							STF	222 O-ring/Fin cap w/SS insert
		900	90							SSC	226 O-ring/Flat cap w/SS insert
										SSF	226 O-ring/Fin cap w/SS insert

Specifications are subject to change without notification.
For User Responsibility Statement, see www.parker.com/safety

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