

C-2042

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.



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 ISO9001:2000 registered company

Applications

- Critical coatings
- Inkjet inks
- Specialty chemicals



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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: 5 gpm (18.9 lpm) per
 10" equivalent
 Change-out Pressure: 35 psid (2.4 bar)

Retention Ratings (99.98%):

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

Maximum Operating Conditions

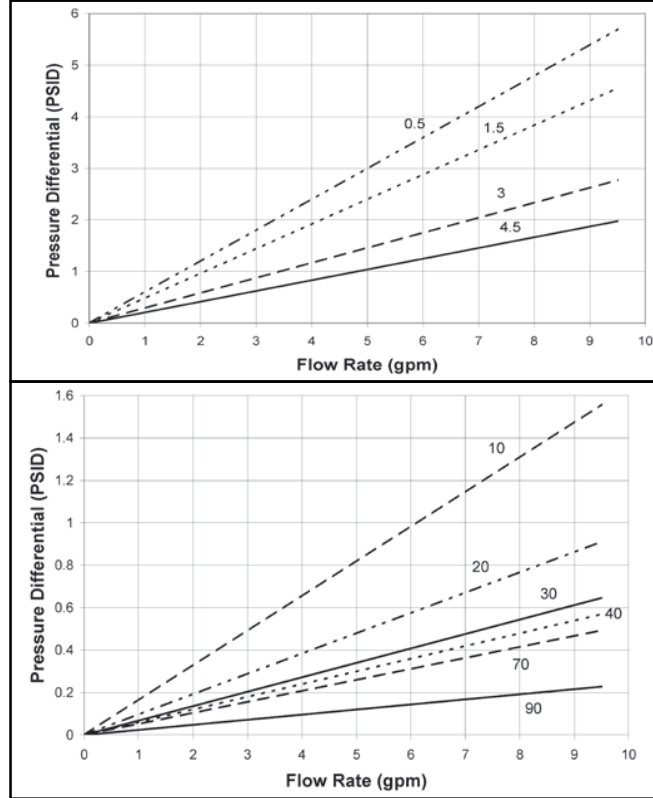
Maximum Temperature:
 176°F (80°C) @ 30 psid (2.1 bar)
 Maximum Differential Pressure:
 70 psi (4.8 bar) @ 77°F (25°C)
 30 psi (2.1 bar) @ 176°F (80°C)

Dimensions (nominal)

Outside Diameter: 2.7" (6.86 cm)
 Inside Diameter: 1" (2.54 cm)

Performance Attributes

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



Ordering Information

CP					
Cartridge Code	Pore Size	Length	Core Material	Seal Material	End Cap Configuration
CP = Claripor	005 = 0.5 015 = 1.5 030 = 3.0 045 = 4.5 100 = 10 200 = 20 300 = 30 400 = 40 700 = 70 900 = 90	4 = 4" (10.16 cm) 5 = 5" (12.7 cm) 10 = 10" (25.4 cm) 20 = 20" (50.8 cm) 30 = 30" (76.2 cm) 40 = 40" (101.6 cm)	F = Glass-Filled Polypropylene A = Natural Polypropylene	E = EPR N = Buna-N V = Viton* S = Silicone T = PFA/Viton (SOE)	DO = Double open end DX = Double open end/extended core TC = 222/Flat TF = 222 O-Ring/Fin TX = 222 O-Ring/Flex Fin SC = 226/Flat SF = 226/Fin STC = 222 O-Ring/Flat cap with SS insert STF = 222 O-Ring/Fin cap with SS insert SSC = 226 O-Ring/Flat cap with SS insert SSF = 226 O-Ring/Fin cap with SS insert

Specifications are subject to change without notification.
 *Viton is a registered trademark of E.I. DuPont de Nemours & Co., Inc.

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