

Claripor™

Pleated Filter Cartridges



Absolute, Cost-Effective, Pleated Depth Filtration from All Polypropylene Cartridges for Applications requiring Depth Filtration and High Flow

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.



Applications:

- Critical coatings
- Inkjet inks
- Speciality chemicals
- Food and Beverage

Product Features:

- Claripor cartridges are available with polypropylene media in absolute (99.98%) micron ratings from 0.5 to 90 microns
- 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
- All materials listed as acceptable for potable and edible contact according to CFR Title 21

Claripor™

Specifications

Filtration Rating

99.98% at specified micron rating

Materials of Construction

Filter Media: Polypropylene
 Support Layers: Polypropylene
 Support Cage: Polypropylene
 Support Core: Glass-filled Polypropylene

Dimensions

OD: 68.6 mm
 ID: 25.4 mm

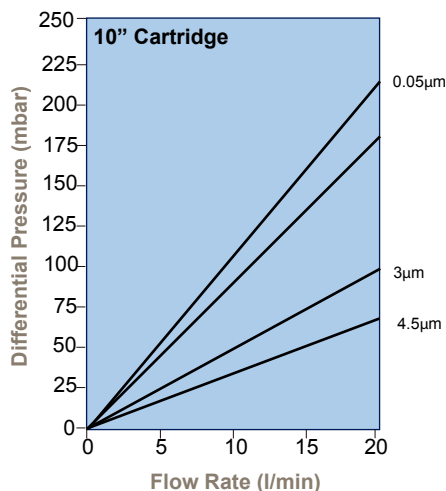
Maximum Operating Conditions

Max Temperature: 80°C at 2.1 bar
 Max Pressure: 4.8 bar at 25°C
 2.1 bar at 80°C
 Max Flow Rate: 38 l/min per 10"

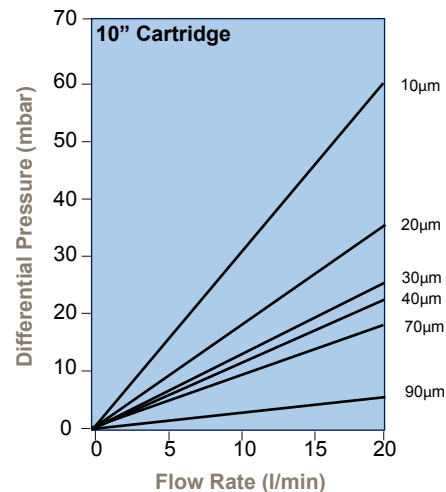
Recommended Operating Conditions

Change-Out Pressure: 2.4 bar
 Flow Rate: 9.5 l/min per 10"

Flow rate vs. ΔP
 (1 cks liquid @ 23°C)



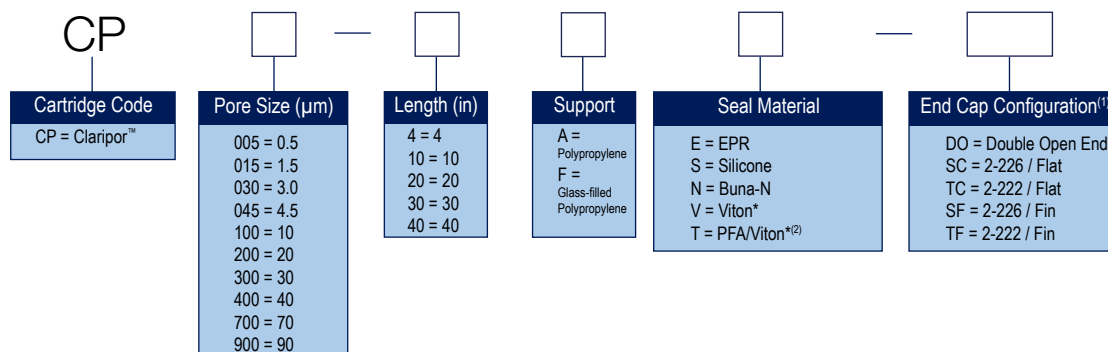
Flow rate vs. ΔP
 (1 cks liquid @ 23°C)



Flow Factor Table**

Claripor	0.5µm	1.5µm	3µm	4.5µm	10µm	20µm	30µm	40µm	70µm	90µm
Flow factor (mbar / l/min @ 1cks)	10.932	6.8325	5.466	3.88086	3.0063	1.77645	1.215274	1.0932	0.94744	0.04555

Ordering Information:



1 - More options available, please consult with manufacturing
 2 - O-Rings Only
 * - Trademark of E.I. duPont de Nemours & Co.
 ** - Flow factor required for sizing. Refer to page 62 for further information



PROSEP FILTER SYSTEMS LTD
Unit G19
River Bank Way
Lowfields Business Park
Elland
West Yorkshire
HX5 9DN

Tel: 01422 377367

Fax: 01422 377369

Email: enquiries@prosep.co.uk

www.prosep.co.uk

Map and Directions to Prosep Filters Limited



Leave M62 at Junction 24.

At roundabout adjacent to Cedar Court Hotel take 2nd exit onto dual carriageway (A629), signposted Halifax.

Take 1st exit slip road.

At roundabout at end of sliproad, take 3rd exit off.

This is the entrance to Lowfields Business Park.

Proceed straight over 1st roundabout.

At next roundabout take 2nd exit onto River Bank Way - Prosep Filters can be found on the left after the S-bend.

[Link to Google Maps](#)