Claripor™ Pleated Depth 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 of construction are FDA listed as acceptable for potable and edible liquid contact according to CFR Title 21
- Manufactured with strict quality control
- ISO 9001 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 - 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)*

Ordering Information

<table>
<thead>
<tr>
<th>Cartridge Code</th>
<th>Nominal Length</th>
<th>Core Material</th>
<th>Seal Material</th>
<th>End Cap Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>CP</td>
<td></td>
<td>A Natural Polypropylene</td>
<td>EPR</td>
<td>DO Double open end (DOE)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>F Glass-filled polypropylene</td>
<td>Buna-N</td>
<td>DX Double open end/extended core</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>S Silicone</td>
<td>TC 222 O-ring/Flat</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>T PFA Encapsulated Viton® (O-rings only, not gaskets)</td>
<td>TF 222 O-ring/Fin</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>V Viton®</td>
<td>TX 222 O-ring/Flex Fin</td>
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<td>4” (10.16)</td>
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<td></td>
<td>SC 226 O-ring/Flat</td>
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<td>5” (12.7)</td>
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<td>SF 226 O-ring/Fin</td>
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<td>10” (25.4)</td>
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<td>20” (50.8)</td>
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<td>30” (76.2)</td>
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<td>SSC 226 O-ring/Flat cap w/SS insert</td>
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<td>SSF 226 O-ring/Fin cap w/SS insert</td>
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</tbody>
</table>

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

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