Disposable Pleated Polypropylene Capsule

- 100% Polypropylene Materials of Construction
- Retention Ratings from 1.5 to 90 microns (µm)
- Biologically and Chemically Inert Materials for Wide Compatibility
- Fast Rinse-Up to 18 Megohm-cm
- Four Inlet and Outlet Connection Options Allow for Easy Retrofits
- Proprietary Filter Media Provides High Product Consistency

Performance Specifications

Retention Ratings:
1.5, 3, 4.5, 10, 20, 30, 40, 70, 90 micron (µm)

Maximum Operating Pressure (liquid only)1:
100 psig (6.9 bar) @ 68°F (20°C)
25 psig (1.7 bar) @ 176°F (80°C)

Maximum Differential Pressure:
50 psid (3.5 bard) @ 68°F (20°C)
25 psid (1.7 bard) @ 176°F (80°C)

Chemical Compatibility:
Capsules resist most acids and bases (pH 1-14), and most oxidizing agents.

Sanitizing Agents:
Capsules may be sanitized in place with common sanitizing agents. Consult factory for compatibility information.

Product Specifications

Materials of Construction:
Filter Media: Polypropylene
Support Material: Polypropylene
Housing & Internal Hardware: Polypropylene
Vent Ports: Polypropylene
Sealing: Thermal Bond

Connection Sizes:
¼" (0.64 cm) or ½" (1.27 cm)

Dimensions:
Overall Height: 4.3" (10.92 cm)
Diameter: 3.7" (9.40 cm)

1 - With compatible fluids only.
**Typical Capsule D.I. Water Flow vs. Differential Pressure for Application Sizing**

![Graph showing flow rate vs. differential pressure for different grades and connection types.](image)

**Part Numbers/Ordering Information**

**XLDC Code** – ▼ (e.g., XLDC3-C1)

<table>
<thead>
<tr>
<th>Code</th>
<th>Filter Grades</th>
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<th>Outlet</th>
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<sup>2</sup> National Pipe Thread.  
<sup>3</sup> Hosebarb.