



POLY-FINE® XLDC Series Filter Capsules

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

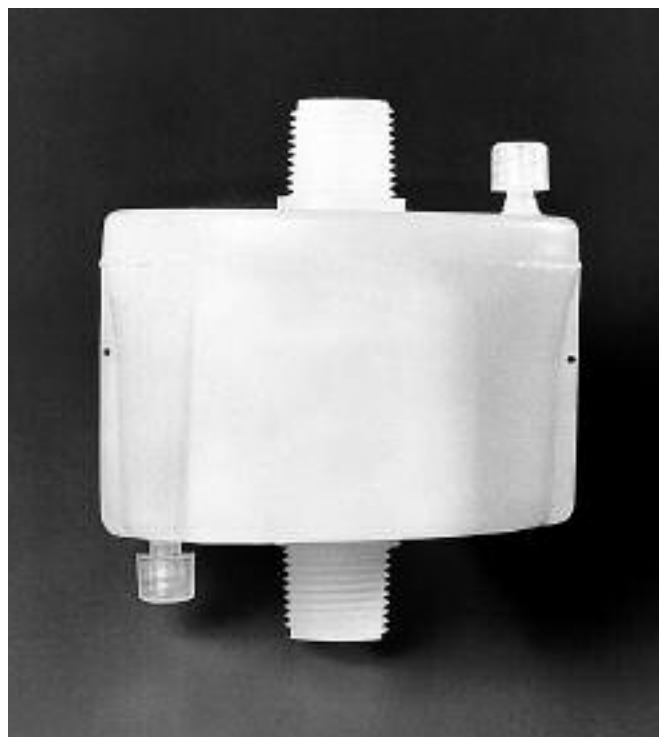
Connection Sizes:

¼" (0.64 cm) or ½" (1.27 cm)

Dimensions:

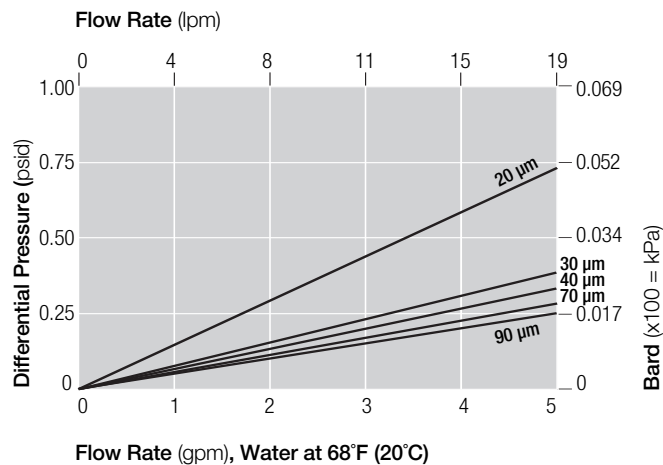
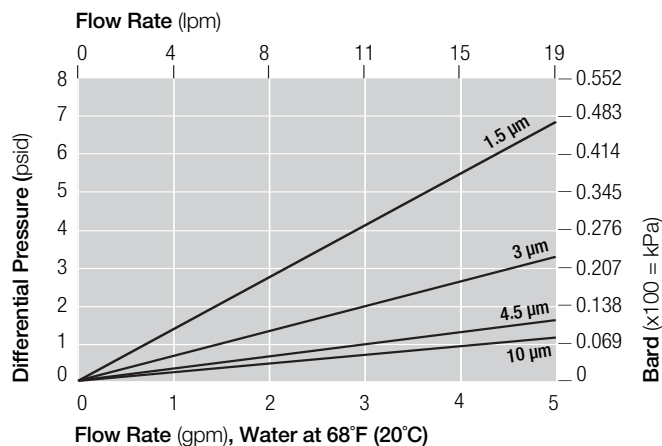
Overall Height: 4.3" (10.92 cm)

Diameter: 3.7" (9.40 cm)



¹ - With compatible fluids only.

Typical Capsule D.I. Water Flow vs. Differential Pressure for Application Sizing



Part Numbers/Ordering Information

XLDC ■ – ▼ (e.g., XLDC3–C1)

Code ■	Filter Grades
1.5	1.5 µm
3	3 µm
4.5	4.5 µm
10	10 µm
20	20 µm
30	30 µm
40	40 µm
70	70 µm
90	90 µm

Code ▼	Connection Type	
	Inlet	Outlet
C1	½" NPT ²	½" NPT
C4	¼" NPT	¼" NPT
C5	¼" HB ³	¼" HB
C6	¼" NPT	¼" HB

² - National Pipe Thread.

³ - Hosebarb.



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