



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

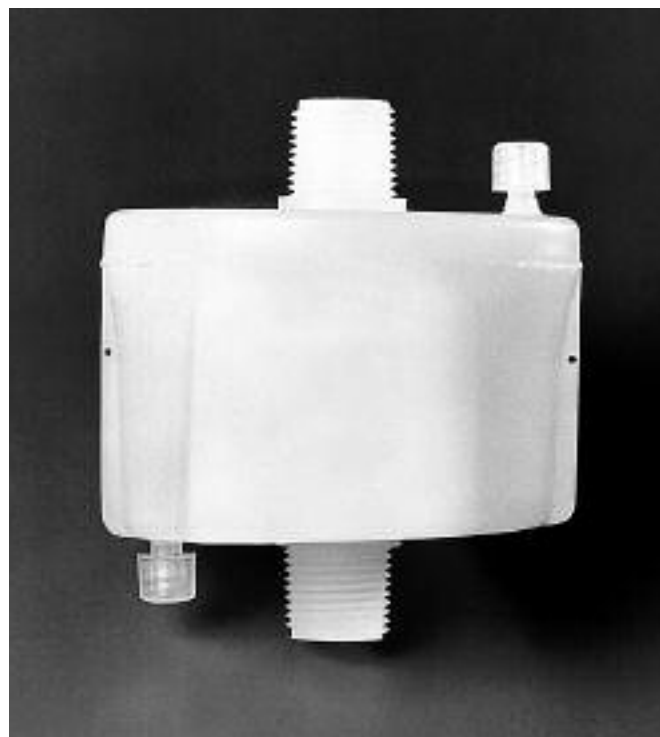
Connection Sizes:

¼" (0.64 cm) or ½" (1.27 cm)

Dimensions:

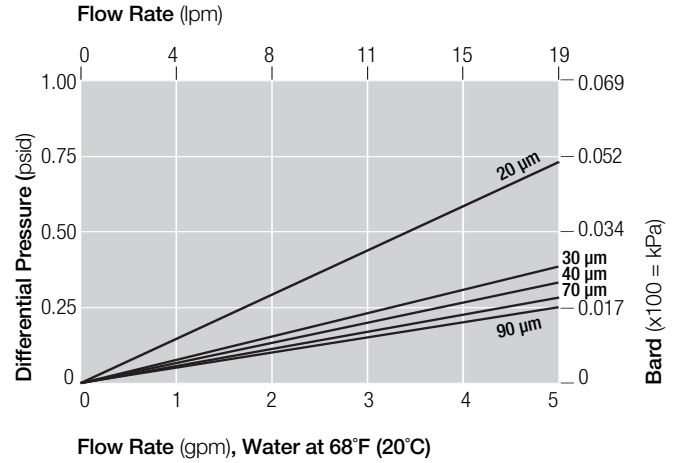
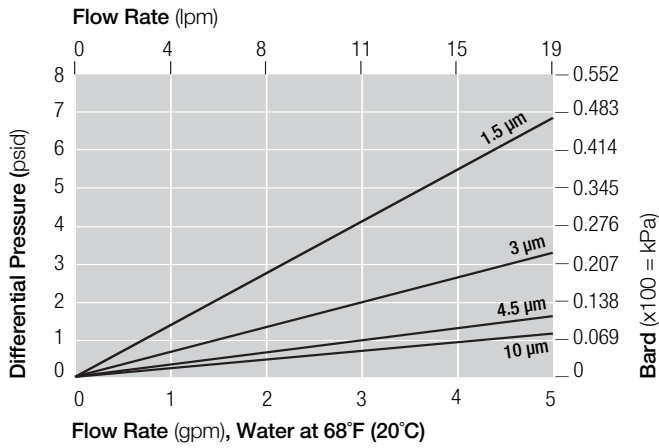
Overall Height: 4.3" (10.92 cm)

Diameter: 3.7" (9.40 cm)



¹ - With compatible fluids only.

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



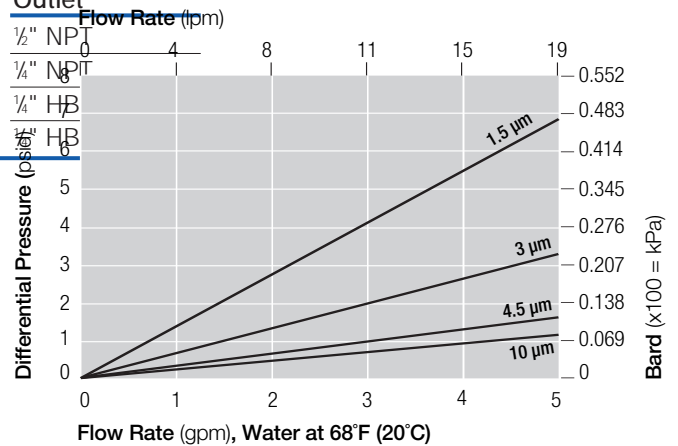
Part Numbers/Ordering Information

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 ▼	Inlet	Outlet	Connection Type
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.



LENNTECH

info@lenntech.com

www.lenntech.com

Tel. +31-15-261.09.00

Fax. +31-15-261.62.89

Pall Corporation has offices and plants throughout the world in locations including: Argentina, Australia, Austria, Belgium, Brazil, Canada, China, France, Germany, India, Indonesia, Ireland, Italy, Japan, Korea, Malaysia, Mexico, the Netherlands, New Zealand, Norway, Poland, Puerto Rico, Russia, Singapore, South Africa, Spain, Sweden, Switzerland, Taiwan, Thailand, United Kingdom, United States, and Venezuela. Distributors are located in all major industrial areas of the world.

© Copyright 2005, Pall Corporation. Pall, and Poly-Fine are trademarks of Pall Corporation. ® Indicates a Pall trademark registered in the USA. Filtration. Separation. Solution.SM is a service mark of Pall Corporation.