



LOFCLEAN™ filter cartridges

Eaton's LOFCLEAN filter cartridges are suitable for the filtration of industrial paints and lacquers, printing inks, inks, adhesives, resins, emulsions, petroleum, waxes, organic solvents, low acids and bases (pH 5 - 9) and process water.

LOFCLEAN filter cartridges are made of long acrylic fibers bonded with phenolic resin. This construction results in a rigid, self-supporting structure, which eliminates the need for an inner core. This solid structure provides consistent filtration performance under varying pressure conditions.

Features and benefits

- Resin bonded depth filter cartridges
- Made of long acrylic fibers bonded with phenolic resin
- No inner core, easy handling
- Self-stabilized by the phenolic resin
- One piece construction

Design

Filter material

Acrylic fibers bonded with phenolic resin

Retention ratings

2, 5, 10, 25, 50, 75, 125 and 150 µm

Technical data

Nominal lengths

9.75", 10", 19.5", 20", 29.25", 30", 39", 40"
(248, 254, 495, 508, 743, 762, 991, 1016 mm)

Outside diameter

2.6" (65 mm)

Inside diameter

1.1" (28 mm)

Max. operating temperature

250 °F (121 °C)

Max. differential pressures

145 psid @ 70 °F (10 bar @ 21 °C)
125 psid @ 100 °F (8.6 bar @ 38 °C)
90 psid @ 150 °F (6.2 bar @ 65 °C)
65 psid @ 180 °F (4.5 bar @ 82 °C)
25 psid @ 250 °F (1.7 bar @ 121 °C)

Recommended differential change-out pressure for disposal

51 psid (3.5 bar)

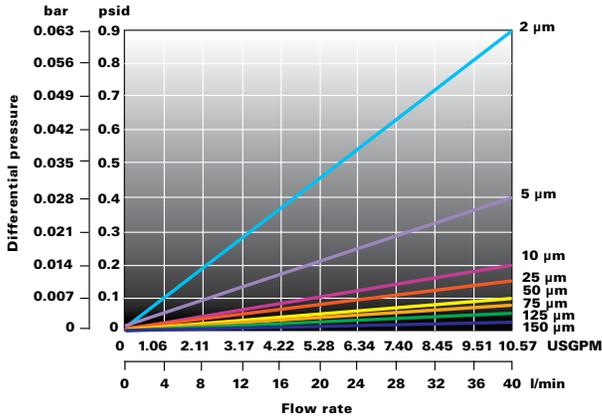


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Flow rate*

(70 °F/21 °C per 10" filter cartridge for water)

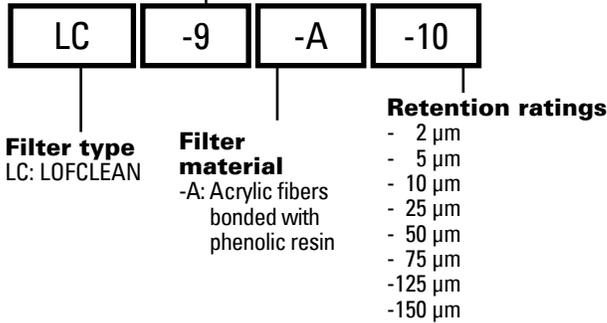


* For liquids other than water, multiply pressure drop by fluid viscosity in centipoise.

Ordering code

Nominal lengths

- 9: 9.75"
- 10: 10"
- 19: 19.5"
- 20: 20"
- 29: 29.25"
- 30: 30"
- 39: 39"
- 40: 40"



North America

44 Apple Street
Tinton Falls, NJ 07724
Toll Free: 800 656-3344
(North America only)
Tel: +1 732 212-4700

China

No. 3, Lane 280,
Linhong Road
Changning District, 200335
Shanghai, P.R. China
Tel: +86 21 5200-0099

Europe/Africa/Middle East

Auf der Heide 2
53947 Nettersheim, Germany
Tel: +49 2486 809-0

Friedensstraße 41
68804 Altlufßheim, Germany
Tel: +49 6205 2094-0

An den Nahewiesen 24
55450 Langenlonsheim, Germany
Tel: +49 6704 204-0

Singapore

100G Pasir Panjang Road #07-08
Singapore 118523
Tel: +65 6825-1668

Brazil

Rua Clark, 2061 - Macuco
13279-400 - Valinhos, Brazil
Tel: +55 11 3616-8400

For more information, please
email us at filtration@eaton.com
or visit www.eaton.com/filtration

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