



LOFTOP™ filter cartridges

Eaton's LOFTOP filter cartridges are suitable for a wide range of process applications including ultra-pure water, DI and RO water, photo resins, acids, bases, film lacquers, developer, emulsions, magnet dispersions, e-coats and many more.

LOFTOP filter cartridges are made of high purity polypropylene fibers. The product includes an integral polypropylene support core with optional stainless steel core available.

Features and benefits

- Made of high purity polypropylene fibers (melt blown)
- No binders or adhesives
- Excellent chemical compatibility
- Available in a variety of end cap/adaptor configurations to fit all industry-standard housings
- Beta rating of 5000, 99.98% efficiency
- Individually sealed in plastic foil
- High dirt-holding capacity
- FDA listed (U.S. CFR, Title 21) materials of construction for food and beverage contact

Design

Filter material
Polypropylene (melt blown)

Inner core
Polypropylene
(optional: stainless steel)

End caps
Polypropylene

O-rings
Silicone (standard)
Buna-N,
EPDM,
FPM,
FEP encapsulated

Retention ratings
0.5, 1, 3, 5, 10, 20, 50, 120 µm
@ 99.98% efficiency

Technical data

Nominal lengths
9.75", 10", 20", 29.25", 30", 40"
(247, 254, 508, 743, 762, 1016 mm)

Outside diameter
2.5" (64 mm)

Inside diameter
1.1" (27 mm)

Max. operating temperature
176 °F (80 °C)

Max. differential pressure
58 psid @ 77 °F (4.0 bar @ 25 °C)

Recommended differential change-out pressure for disposal
35 psid (2.4 bar)

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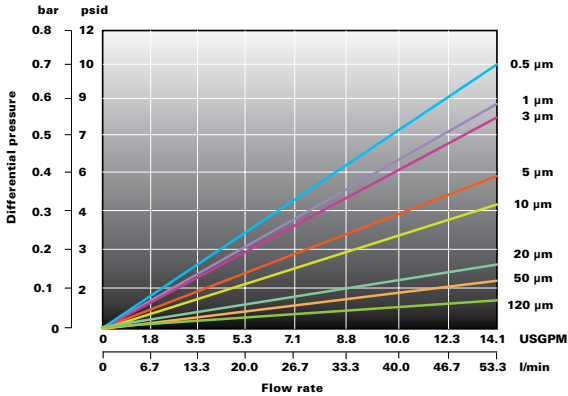
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Flow rate*

(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

Filter type
LT: LOFTOP

Adapter codes

- (): DOE without foamed polypropylene gaskets
- G: DOE with foamed polypropylene gaskets
- 1: SOE 226/Flat single open end
- 2: SOE 222/Fin single open end
- 3: SOE 226/Fin single open end
- 4: SOE222/Flat single open end



Nominal lengths

- 9: 9.75"
- 10: 10"
- 20: 20"
- 29: 29.25"
- 30: 30"
- 40: 40"

Retention ratings

- 0.5 µm
- 1 µm
- 3 µm
- 5 µm
- 10 µm
- 20 µm
- 50 µm
- 120 µm

Absolute efficiency
(efficiency 99.98%)

Gaskets O-rings

- (): Silicone
- B: Buna-N
- E: EPDM
- V: FPM
- T: FEP encapsulated