



LOFTOP™ filter cartridges

Eaton's LOFTOP filter cartridges are suitable for a wide range of process application 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 purity polypropylene fibers. The product includes an integral polypropylene support core.

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
- All materials used meet the FDA requirements according to 21 CFR § 177

Specifications

Filter material
Polypropylene (melt-blown)

Inner core
Polypropylene

End caps
Polypropylene

O-rings
Silicone (standard)
EPDM, FKM, FEP/FKM

Retention ratings
0.50, 1, 3, 5, 10, 20, 50, 90, 120 µm
@ 99.98% efficiency

Technical data

Nominal lengths
10", 20", 30", 40"
(254, 508, 762, 1016 mm)

Outside diameter
2.5" (63mm)

Inside diameter
1.1" (28mm)

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)

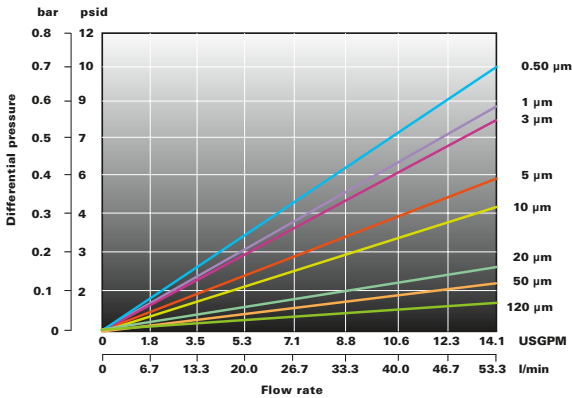


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Flow rate*

(70 °F/21 °C per 10" element 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 polyethylene gaskets
- G: DOE with foamed polyethylene gaskets
- 1: SOE 226 O-rings, bayonet/flat
- 2: SOE 222 O-rings, spear
- 3: SOE 226 O-rings, bayonet/spear
- 4: SOE 222 O-rings, flat



Nominal lengths

- 10: 10"
- 20: 20"
- 30: 30"
- 40: 40"

Retention ratings

- 0.5: 0.50 µm
- 1: 1 µm
- 3: 3 µm
- 5: 5 µm
- 10: 10 µm
- 20: 20 µm
- 50: 50 µm
- 90: 90 µm
- 120: 120 µm

Absolute efficiency

(efficiency 99.98%)

O-rings

- (): Silicone
- E: EPDM
- V: FKM
- T: FEP/FKM

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