



## 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 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)

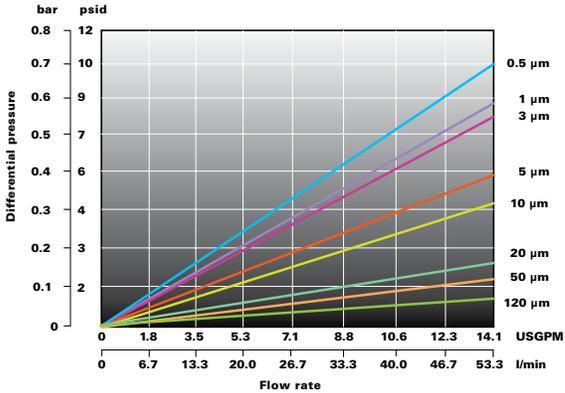


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## Flow rate\*

(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

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