



## 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)

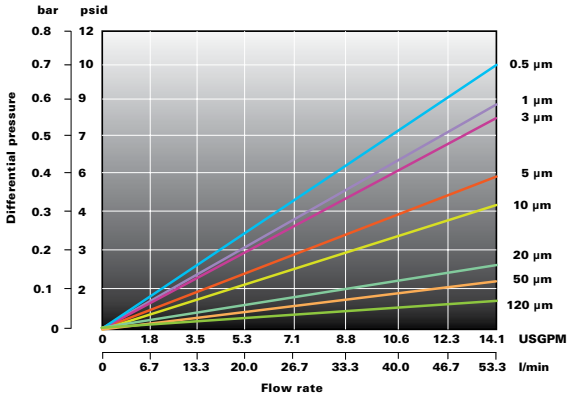


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## Flow rate\*

(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

### North America

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

### Europe/Africa/Middle East

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

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

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

### China

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

### 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](mailto:filtration@eaton.com)  
or visit [www.eaton.com/filtration](http://www.eaton.com/filtration)

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