



## LOFTREX™ M filter cartridges

Eaton's LOFTREX M filter cartridges are suitable for a wide range of process applications including RO prefiltration, machine coolants, chemicals, acids, bases, amine filtration, developers, and many more.

LOFTREX M filter cartridges are made of 100% high purity polypropylene fibers. The microfibers are control inflated to a support core and thermally bonded in one operation without additives.

### Features and benefits

- Made of 100% 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
- 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**  
1, 3, 5, 10, 20, 30, 40, 50, 75, 90, 120, 150 µm @ 95% efficiency

### Technical data

**Nominal lengths**  
5", 9.75", 10", 19.5", 20", 29.25", 30", 39", 40"  
(12.7, 24.7, 25.4, 49.5, 50.8, 74.3, 76.2, 99.1, 101.6, 127.0 cm)

**Outside diameter**  
2.5" (6.4 cm)

**Inside diameter**  
1.1" (2.7 cm)

**Max. operating temperature**  
65 °C

**Max. differential pressure**  
4.0 bar @ 25 °C

**Recommended differential change-out pressure for disposal**  
2.4 bar

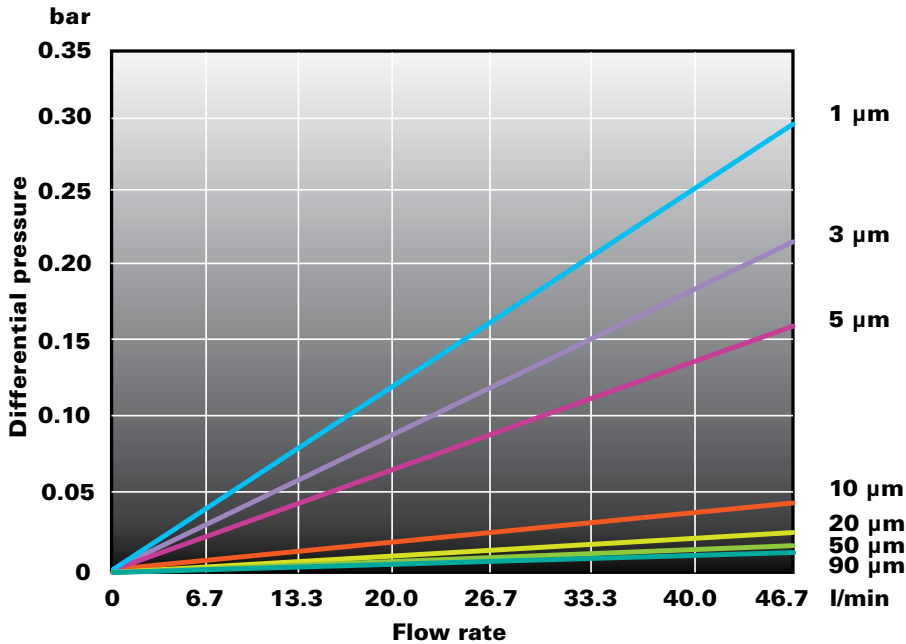


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## Flow rate\*

(Water, 21 °C per 10" filter cartridge)



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

## Ordering code

### Nominal lengths

- 5: 5"
- 9: 9.75"
- 10: 10"
- 19: 19.5"
- 20: 20"
- 29: 29.25"
- 30: 30"
- 39: 39"
- 40: 40"

### O-rings

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

### Efficiency (efficiency 95%)



**Filter type**  
LX: LOFTREX M

### Retention ratings

- 1 µm
- 3 µm
- 5 µm
- 10 µm
- 20 µm
- 30 µm
- 50 µm
- 70 µm
- 90 µm
- 120 µm
- 150 µm

### Adapter codes

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

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