



## LOFTREX™ industrial filter cartridges

Eaton's LOFTREX filter cartridges are suitable for a wide range of process applications including water treatment, DI water, RO prefilters, chemicals, solvents, plating solutions and more.

LOFTREX filter cartridges are manufactured from polypropylene microfibers, which are thermally bonded together in order to prevent fiber loss.

### Features and benefits

- Made of pure polypropylene (melt blown) micro fibers, thermally bonded to prevent any fiber migration
- The polypropylene filter material offers excellent chemical compatibility
- No inner core
- Graded pore structure offers high dirt-holding capacity with low initial pressure drop

- No surfactants are present to generate extractables leading to foaming or other undesirable effects on the filtrate
- FDA listed (U.S. CFR, Title 21) materials of construction for food and beverage contact

### Design

**Filter material**  
Polypropylene

**Retention ratings**  
1, 3, 5, 10, 20, 50 and 75  $\mu\text{m}$   
@ 80% 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" (28 mm)

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

**Max. differential pressure**  
36 psid @ 77 °F (2.5 bar @ 25 °C)

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

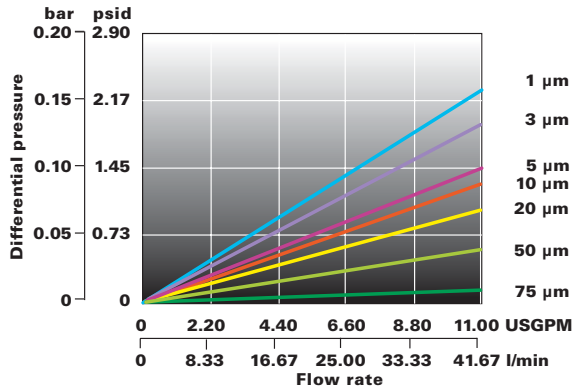


Powering Business Worldwide

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## Flow rate\*

(68°F/20 °C per 10" filter cartridge for water)

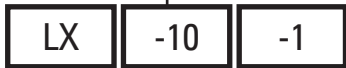


\* For liquids other than water, multiply pressure drop by fluid viscosity in centipoise.

## Ordering code

### Nominal lengths

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



**Filter type**  
LX: LOFTREX

**Retention ratings**

- 1 µm
- 3 µm
- 5 µm
- 10 µm
- 20 µm
- 50 µm
- 75 µm

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US  
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