



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.

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

Specifications

Filter material
Polypropylene

Retention ratings
1, 3, 5, 10, 20, 50 and 75 µm
@ 80% efficiency

Technical data

Nominal lengths
9.75", 10", 19.5", 20", 29.25", 30", 40"
(247, 254, 495, 508, 743, 762, 1016 mm)

Outside diameter
2.5" (63 mm)

Inside diameter
1.1" (28 mm)

Max. operating temperature
149 °F (65 °C)

Max. differential pressure
29 psid @ 70 °F (2.0 bar @ 21 °C)

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

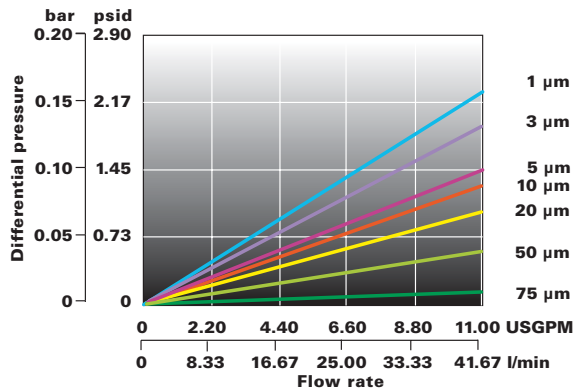


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Flow rate*

(70°F/21 °C per 10" element for water)

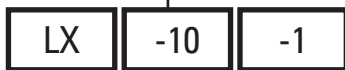


* For liquids other than water, multiply pressure drop by fluid viscosity in centipoise.

Ordering code

Nominal lengths

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



Filter type

LX: LOFTREX

Retention ratings

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

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