



LOFWIND™ string wound filter cartridges

Eaton's LOFWIND filter cartridges are suitable for the filtration of process chemicals, photo chemicals, film developers, solvents, galvanic baths, edible oils, fats, acids and bases, process water, as well as for water treatment, condensate preparation and sea water desalination.

LOFWIND filter cartridges offer a wide range of retention ratings. The graded pore structure allows efficient particle retention. They are further characterized by a low initial differential pressure.

Features and benefits

- String wound depth filter cartridges
- Broad range of applications due to a wide chemical compatibility
- Many different combinations of filter materials and inner cores

Specifications

Filter materials

Bleached cotton,
Fiberglass, washed
Polypropylene

Inner core

Polypropylene,
Stainless steel

Retention ratings

0.5, 1, 5, 10, 25, 50, 75, 100,
150 µm

Technical data

Nominal lengths

5", 9.75", 10", 19.5", 20", 29.25", 30", 40"
(127, 248, 254, 495, 508, 743, 762, 1016 mm)

Outside diameter

2.4" (62 mm)

Inside diameter

1.1" (28 mm)

Max. operating temperatures

Polypropylene: 176 °F (80 °C)
Cotton: 320 °F (160 °C)
Glass fiber: 752 °F (400 °C)

Max. differential pressure

36 psid @ 86 °F (2.5 bar @ 30 °C)

Recommended differential change-out pressure for disposal

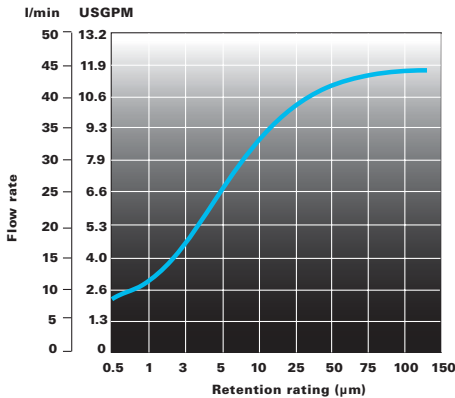
35 psid (2.4 bar)



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Flow rate*

(Water/ $\Delta p = 0.15$ bar per $9\frac{3}{4}$ " element)



* 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"
- 40: 40"

Core materials

- P: Polypropylene
- S: Stainless steel



Filter type

LW: LOFWIND

Filter materials

- B: Bleached cotton
- H: Fiberglass
- P: Polypropylene
- W: Washed Polypropylene

Retention ratings

- 0.5: 0.50µm
- 1: 1 µm
- 5: 5 µm
- 10: 10 µm
- 25: 25 µm
- 50: 50 µm
- 75: 75 µm
- 100: 100 µm
- 150: 150 µm

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