



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 combined with high flow rates.

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

Design

Filter materials

Bleached cotton,
Fiberglass (baked),
Polypropylene

Inner core

Polypropylene,
Stainless steel

Retention ratings

1, 5, 10, 25, 50, 75 and 100 μm

Technical data

Nominal lengths

9.75", 10", 19.5", 20", 29.25", 30", 40"
(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)

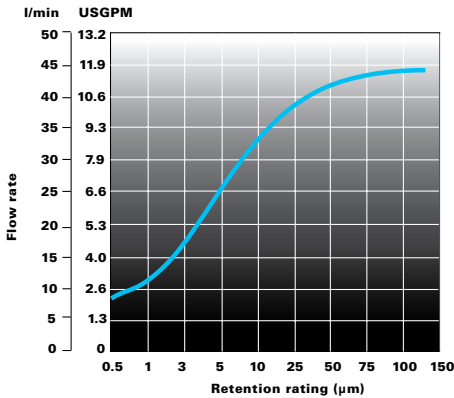


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Flow rate*

(Water/ $\Delta p = 0.2$ psid/ 0.15 bar per $9\frac{3}{4}$ " filter cartridge)



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

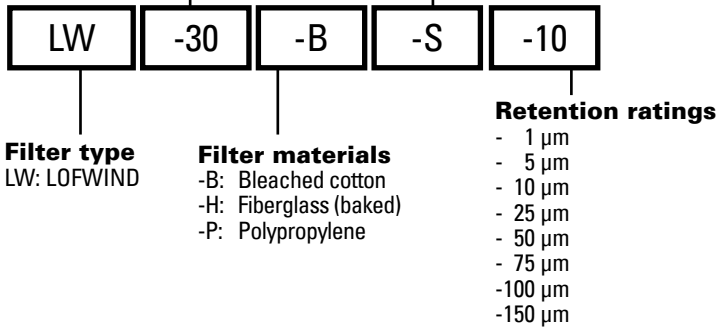
Ordering code

Nominal lengths

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

Core materials

- P: Polypropylene
- S: Stainless steel



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