



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,
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)

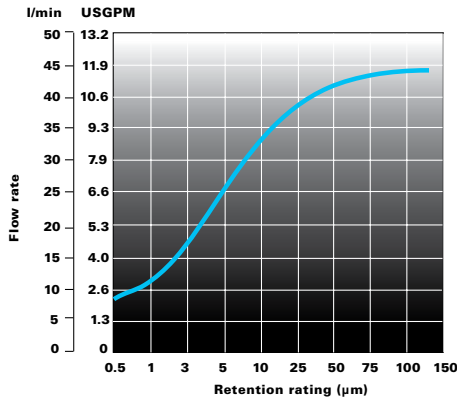


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Flow rate*

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



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

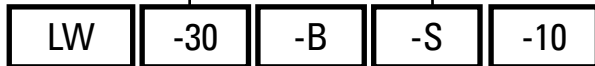
Ordering code

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



Filter type

LW: LOFWIND

Filter materials

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

Retention ratings

- 1 µm
- 5 µm
- 10 µm
- 25 µm
- 50 µm
- 75 µm
- 100 µm

North America
44 Apple Street
Tinton Falls, NJ 07724
Toll Free: 800 656-3344
(North America only)
Tel: +1 732 212-4700

China
No. 3, Lane 280,
Linhong Road
Changning District, 200335
Shanghai, P.R. China
Tel: +86 21 5200-0099

Europe/Africa/Middle East
Auf der Heide 2
53947 Nettersheim, Germany
Tel: +49 2486 809-0

Singapore
100G Pasir Panjang Road #07-08
Singapore 118523
Tel: +65 6825-1668

Friedensstraße 41
68804 Altlußheim, Germany
Tel: +49 6205 2094-0
An den Nahewiesen 24
55450 Langenlonsheim, Germany
Tel: +49 6704 204-0

Brazil
Rua Clark, 2061 - Macuco
13279-400 - Valinhos, Brazil
Tel: +55 11 3616-8400

For more information, please
email us at filtration@eaton.com
or visit www.eaton.com/filtration

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