



## 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)

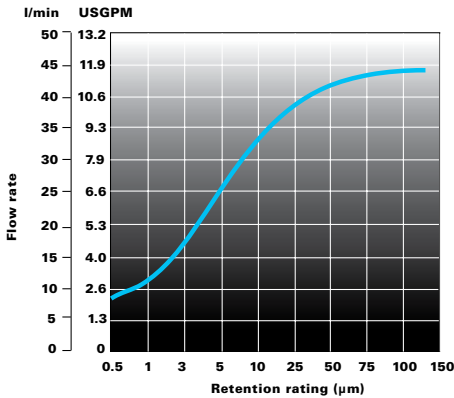


Powering Business Worldwide

# LOFWIND string wound filter cartridges

## 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.

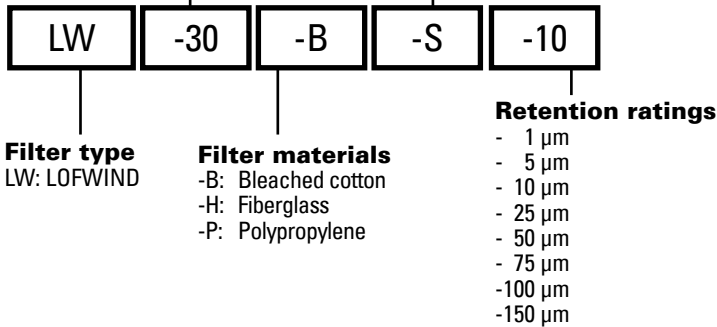
## Ordering code

### 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



### 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

### Brazil

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

An den Nahewiesen 24  
55450 Langenlonsheim, Germany  
Tel: +49 6704 204-0

For more information, please  
email us at [filtration@eaton.com](mailto:filtration@eaton.com)  
or visit [www.eaton.com/filtration](http://www.eaton.com/filtration)

© 2018 Eaton. All rights reserved. All trademarks and registered trademarks are the property of their respective owners. All information and recommendations appearing in this brochure concerning the use of products described herein are based on tests believed to be reliable. However, it is the user's responsibility to determine the suitability for his own use of such products. Since the actual use by others is beyond our control, no guarantee, expressed or implied, is made by Eaton as to the effects of such use or the results to be obtained. Eaton assumes no liability arising out of the use by others of such products. Nor is the information herein to be construed as absolutely complete, since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

US  
EF-LW  
05-2018



Powering Business Worldwide

