



## LOFWIND™ String Wound Filter Cartridges

*„LOFWIND™ filter cartridges from Eaton are perfect 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.“*

The LOFWIND™ filter cartridges from Eaton 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

### Filter Specifications

#### Media

Bleached Cotton, Glass Fibre (baked), Polypropylene, washed Polypropylene

#### Centre Core

Polypropylene, Stainless Steel, Tinned Steel

#### Micron ratings

0.5; 1; 3; 5; 10; 25; 50; 75; 100; 150 µm

### Dimensions/Parameters

#### Nominal lengths

5"; 9,75"; 10"; 19,5"; 20"; 29,25"; 30"; 39"; 40" (12.7; 24.8; 25.4; 49.5; 50.8; 74.3; 76.2; 99.1; 101.6 cm)

#### Outside diameter

2.4" (6.2 cm)

#### Inside diameter

1.1" (2.8 cm)

#### Max. operating temperature

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

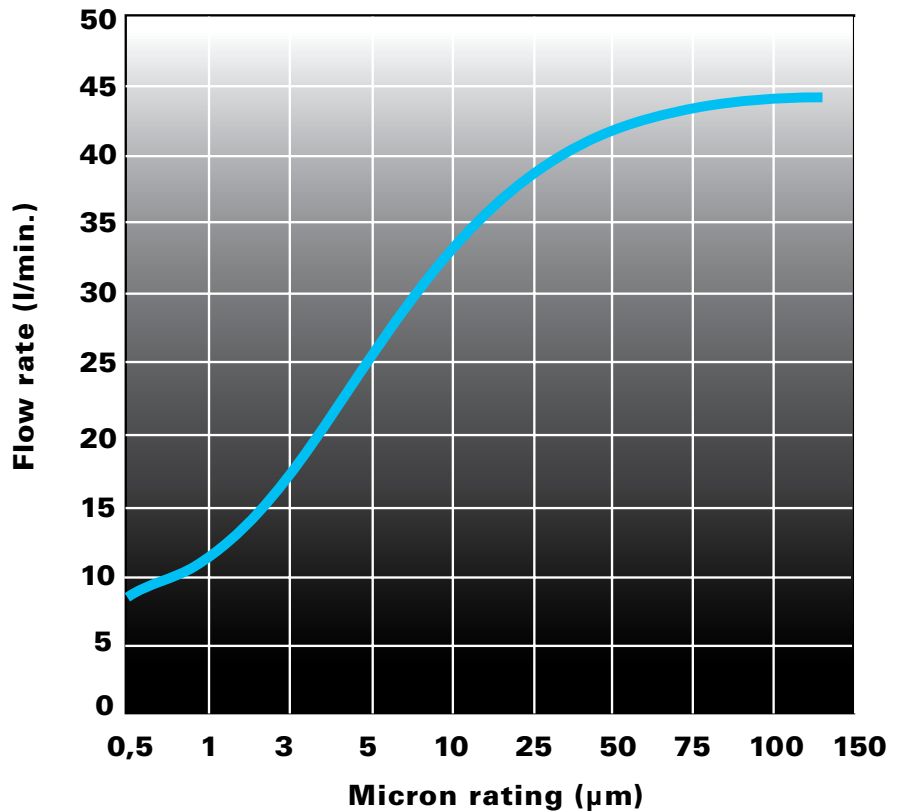
#### Max. differential pressure

2.5 bar @ 30 °C (36 psid)



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**LOFWIND™ Flow Rate\***  
(Water/ $\Delta P = 0.15 \text{ bar}/9\frac{3}{4}''$  Filter Cartridge)



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

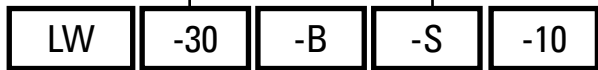
**Filter Specification Code**

**Nominal length**

- 5 5"
- 9 9.75"
- 10 10.0"
- 19 19.5"
- 20 20.0"
- 29 29.25"
- 30 30.0"
- 39 39.0"
- 40 40.0"

**Core Material**

- P = Polypropylene
- S = Stainless Steel
- T = Tinned Steel



**Filter Series**  
LOFWIND™

**Filter Media**

- B = Bleached Cotton
- H = Glass Fibre (baked)
- P = Polypropylene
- W = Washed Polypropylene

**Retention Rating**

- 0.5 µm
- 1 µm
- 3 µm
- 5 µm
- 10 µm
- 25 µm
- 50 µm
- 75 µm
- 100 µm
- 150 µm

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