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, washed polypropylene

**Inner core**
Polypropylene, stainless steel, galvanized steel

**Retention ratings**
0.5, 1, 3, 5, 10, 25, 50, 75, 100, 150 µm

**Technical data**

<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td><strong>Outside diameter</strong></td>
<td>2.4&quot; (6.2 cm)</td>
</tr>
<tr>
<td><strong>Inside diameter</strong></td>
<td>1.1&quot; (2.8 cm)</td>
</tr>
</tbody>
</table>
| **Max. operating temperatures** | Polypropylene: 80 °C  
Cotton: 160 °C  
Glass fiber: 400 °C |
| **Max. differential pressure** | 2.5bar @ 30°C                                                                                                           |
LOFWIND string wound filter cartridges

Flow rate*
(Water/Δp = 0.15 bar per 9 3/4” filter cartridge)

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

Ordering code

Flow rate

<table>
<thead>
<tr>
<th>Retention rating (µm)</th>
<th>Flow rate (l/min)</th>
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</thead>
<tbody>
<tr>
<td>0.5 µm</td>
<td>5</td>
</tr>
<tr>
<td>1 µm</td>
<td>10</td>
</tr>
<tr>
<td>3 µm</td>
<td>15</td>
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<tr>
<td>5 µm</td>
<td>20</td>
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<td>10 µm</td>
<td>25</td>
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<tr>
<td>25 µm</td>
<td>30</td>
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<tr>
<td>50 µm</td>
<td>35</td>
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<tr>
<td>75 µm</td>
<td>40</td>
</tr>
<tr>
<td>100 µm</td>
<td>45</td>
</tr>
<tr>
<td>150 µm</td>
<td>50</td>
</tr>
</tbody>
</table>

Nominal lengths
- 5: 5”
- 9: 9.75”
- 10: 10”
- 19: 19.5”
- 20: 20”
- 29: 29.25”
- 30: 30”
- 39: 39”
- 40: 40”

Core materials
- P: Polypropylene
- S: Stainless steel
- T: Galvanized steel

Filter type
LW: LOFWIND

Filter materials
- B: Bleached cotton
- H: Fiberglass (baked)
- P: Polypropylene
- W: Washed polypropylene

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

For pricing and information please call
Commercial Filtration Supply at (855)-236-0467

Visit us Online at: www.commercialfiltrationsupply.com
for more filtration products.