LOFTOP™ Coreless filter cartridges

Eaton’s LOFTOP Coreless filter cartridges are suitable for a broad range of applications with high flow rates.

Features and benefits
- Made of high purity polypropylene or polyamide 6.6 fibers (melt blown)
- No binders or adhesives
- Excellent chemical and thermal compatibility
- Beta rating of 5000, 99.98% efficiency
- Individually sealed in plastic foil
- High dirt-holding capacity
- FDA listed (U.S. CFR, Title 21) materials of construction for food and beverage contact

Design
- Filter materials
  Polypropylene or polyamide 6.6 (melt blown)
- Retention ratings
  1, 5, 10, 20, 40, 70, 90, 120 µm @ 99.98% efficiency

Technical data
- Nominal lengths
  20', 40' (508, 1.016 mm)
- Outside diameter
  6' (152 mm)
- Inside diameter
  4.5' (114 mm)
- Max. operating temperatures
  Polypropylene: 176 °F (80 °C)
  Polyamide 6.6: 266 °F (130 °C)
- Max. differential pressures
  Polypropylene:
  58 psid @ 77 °F (4.0 bar @ 25 °C)
  14.5 psid @ 176 °F (1.0 bar @ 80 °C)
  Polyamide 6.6:
  58 psid @ 90 °F (4.0 bar @ 32 °C)
  14.5 bar @ 266 °F (1.0 bar @ 130 °C)
- Recommended differential change-out pressure for disposal
  35 psid (2.4 bar)
### Liquid flow specification and dirt-holding capacity

<table>
<thead>
<tr>
<th>Micron rating (µm)</th>
<th>1</th>
<th>5</th>
<th>10</th>
<th>20</th>
<th>40</th>
<th>70</th>
<th>90</th>
<th>120</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended flow rate l/min for water @ 25°C (Δp 0.1 bar) for 40”</strong></td>
<td>100</td>
<td>150</td>
<td>200</td>
<td>400</td>
<td>1,000</td>
<td>1,000</td>
<td>1,000</td>
<td>1,000</td>
</tr>
<tr>
<td><strong>Recommended flow rate GPM/min for water @ 77°F (Δp 1.45 psid) for 40”</strong></td>
<td>26.4</td>
<td>39.6</td>
<td>52.8</td>
<td>105.7</td>
<td>264.2</td>
<td>264.2</td>
<td>264.2</td>
<td>264.2</td>
</tr>
<tr>
<td><strong>Dirt-holding capacity (g)</strong></td>
<td>700</td>
<td>800</td>
<td>800</td>
<td>800</td>
<td>1,000</td>
<td>1,200</td>
<td>3,500</td>
<td>3,500</td>
</tr>
</tbody>
</table>

### Ordering code

**Filter types**
- LT: LOFTOP coreless in polypropylene
- LTN: LOFTOP coreless in polyamide 6.6

**Absolute efficiency** (efficiency 99.98%)

<table>
<thead>
<tr>
<th>Nominal lengths</th>
<th>-40</th>
<th>-10</th>
<th>-A</th>
<th>-CL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Retention ratings</td>
<td>-1 µm</td>
<td>-5 µm</td>
<td>-10 µm</td>
<td>-20 µm</td>
</tr>
<tr>
<td></td>
<td>-40 µm</td>
<td>-70 µm</td>
<td>-90 µm</td>
<td>-120 µm</td>
</tr>
</tbody>
</table>

-CL: Coreless (DOE: Double open end)