LOFTOP™
filter cartridges

Eaton’s LOFTOP filter cartridges are suitable for a wide range of process application including ultra-pure water, DI and RO water, photo resins, acids, bases, film lacquers, developer, emulsions, magnet dispersions, e-coats and many more.

LOFTOP filter cartridges are made of 100% high purity polypropylene fibers. The microfibers are control inflated to a support core and thermally bonded in one operation without additives.

Features and benefits
- Made of 100% high purity polypropylene fibers (melt blown)
- No binders or adhesives
- Excellent chemical compatibility
- Available in a variety of end cap/adapter configurations to fit all industry-standard housings
- 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 material
Polypropylene (melt blown)

Inner core
Polypropylene (optional: stainless steel)

End caps
Polypropylene

O-rings
Silicone (standard), Buna-N, EPDM, FPM, FEP encapsulated

Retention ratings
0.5, 1, 3, 5, 10, 20, 30, 50, 70, 90, 120 μm @ 99.98% efficiency

Technical data
Nominal lengths
(12.7, 24.7, 25.4, 49.5, 50.8, 74.3, 76.2, 99.1, 101.6 cm)

Outside diameter
2.5” (6.4 cm)

Inside diameter
1.1” (2.7 cm)

Max. operating temperature
80°C

Max. differential pressure
4.0 bar @ 25°C

Recommended differential change-out pressure for disposal
2.4 bar
Flow rate*
(Water, 21 °C per 10" filter cartridge)

<table>
<thead>
<tr>
<th>Differential pressure</th>
<th>Flow rate (l/min)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.01</td>
<td>0</td>
</tr>
<tr>
<td>0.02</td>
<td>6.7</td>
</tr>
<tr>
<td>0.03</td>
<td>13.3</td>
</tr>
<tr>
<td>0.04</td>
<td>20.0</td>
</tr>
<tr>
<td>0.05</td>
<td>26.7</td>
</tr>
<tr>
<td>0.06</td>
<td>33.3</td>
</tr>
<tr>
<td>0.07</td>
<td>40.0</td>
</tr>
<tr>
<td>0.08</td>
<td>46.7</td>
</tr>
<tr>
<td>0.09</td>
<td>53.3</td>
</tr>
</tbody>
</table>

Flow rate* for liquids other than water, multiply pressure drop by fluid viscosity in centipoise.

Ordering code

Filter type
LT: LOFTOP

Adapter codes
(I): DOE without foamed polypropylene flat gaskets
-G: DOE with foamed polypropylene flat gaskets
-1: 226/Flat single open end
-2: 222/Fin single open end
-3: 226/Fin single open end
-4: 222/Flat single open end

Nominal lengths
-5: 5"
-9: 9.75"
-10: 10".
-19: 19.5".
-20: 20"
-29: 29.25"
-30: 30"
-39: 39.25"
-40: 40"

Retention ratings
-0.5 µm
-1 µm
-3 µm
-5 µm
-10 µm
-20 µm
-30 µm
-70 µm
-90 µm
-120 µm

Absolute efficiency (efficiency 99.98%)

O-rings
(I): Silicone
B: Buna-N
E: EPDM
V: FPM
T: FEP encapsulated

Request a Quote Today!