Eaton’s LOFPLEAT GG filter cartridges are suitable for the filtration of magnetic tape coatings and as a blowdown post filter. They are also widely used in the chemical, ink, and oil and gas industries.

**Features and benefits**
- High-efficiency cartridge offering standardized pore size
- High dirt-holding and flow capability
- Reduced labor costs due to less change-outs
- Fixed pore structure prevents dirt unloading even at maximum differential pressure

**Specifications**
- **Filter material**
  - Borosilicate micro fiberglass with acrylic binder
- **Inner core, cage, end caps**
  - Polypropylene
- **Gaskets/O-rings**
  - Silicone (standard), EPDM, FKM, FEP/FKM (O-rings only)
- **Support layers**
  - Polyester
- **Retention ratings**
  - 0.45, 1, 3, 10 µm @ 90% efficiency

**Technical data**
- **Nominal lengths**
  - 10", 20", 30", 40" (254, 508, 762, 1016 mm)
- **Outside diameter**
  - 2.7" (69 mm)
- **Inside diameter**
  - 1" (25 mm)
- **Surface area**
  - 5.1 ft² (0.47 m²) per 10” element
- **Max. operating temperature**
  - 176 °F (80 °C)
- **Max. differential pressure**
  - 75 psid @ 70 °F (5.2 bar @ 21 °C)
  - 30 psid @ 176 °F (2.1 bar @ 80 °C)
- **Maximum reverse differential pressure**
  - 2.8 bar @ 21°C
- **Recommended differential change-out pressure for disposal**
  - 35 psid (2.4 bar)
LOFPLEAT GG micro fiberglass filter cartridges

**Flow rate***  
(70°F/21 °C per 10” element for water)

![Flow rate chart](chart.png)

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

**Ordering code**

<table>
<thead>
<tr>
<th>Nominal lengths</th>
<th>Gaskets/O-rings</th>
<th>Adapter codes</th>
</tr>
</thead>
<tbody>
<tr>
<td>-10: 10”</td>
<td>S: Silicone</td>
<td>-DOE: Double open end</td>
</tr>
<tr>
<td>-20: 20”</td>
<td>E: EPDM</td>
<td>-1: SOE 226 0-rings, bayonet/flat</td>
</tr>
<tr>
<td>-30: 30”</td>
<td>V: FKM</td>
<td>-2: SOE 222 0-rings, spear</td>
</tr>
<tr>
<td>-40: 40”</td>
<td>T: FEP/FKM (O-rings only)</td>
<td>-3: SOE 226 0-rings, bayonet/spear</td>
</tr>
</tbody>
</table>

LOFPLEAT GG filter cartridges are available with a variety of gasket, O-ring and end cap configurations.

For more information, please email us at filtration@eaton.com or visit www.eaton.com/filtration

© 2020 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.