

LOFPLEAT™ GG micro fiberglass filter cartridges

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.

The pleated borosilicate micro fiberglass filter cartridges are disposable, highly efficient and can be effectively used in a variety of industrial applications. They offer a high surface area for high flow rates.

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

Design

Filter material

Micro fiberglass

Inner core, cage, end caps

Polypropylene

Gaskets/O-rings

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

Support layers

Polypropylene

Retention ratings

0.45, 1, 3, 10 μm
@ 90% efficiency

Technical data

Nominal lengths

10", 20", 30", 40"
(254, 508, 762, 1.016 mm)

Outside diameter

2.7" (69 mm)

Inside diameter

1" (25.4 mm)

Surface area

4.3 ft² (0.40 m²) per 10" element

Max. operating temperature

176 °F (80 °C)

Max. differential pressure

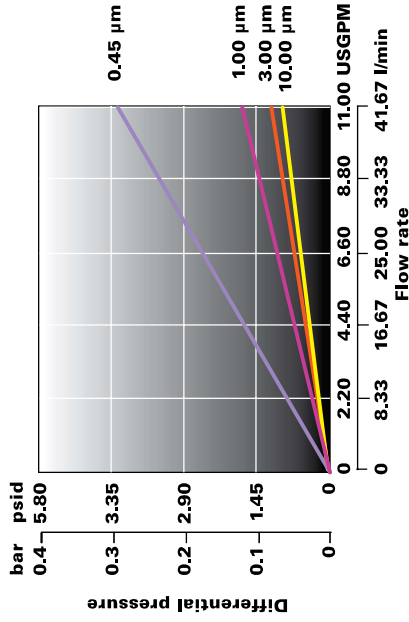
58 psid @ 70 °F (4.0 bar @ 21 °C)
35 psid @ 176 °F (2.4 bar @ 80 °C)

Recommended differential change-out pressure for disposal

29 psid (2.0 bar)

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Flow rate* (68°F/20°C per 10" filter cartridge for water)



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

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

Ordering code

