



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 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

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 μ m
@ 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

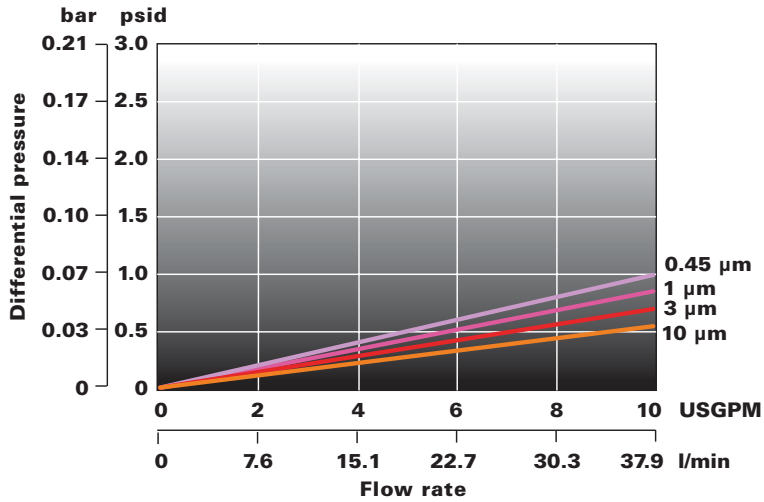
35 psid (2.4 bar)



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Flow rate*

(70°F/21°C per 10" element 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.

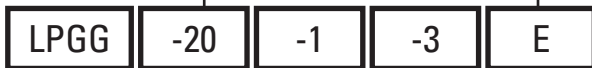
Ordering code

Nominal lengths

- 10: 10"
- 20: 20"
- 30: 30"
- 40: 40"

Gaskets/O-rings

- S: Silicone
- E: EPDM
- V: FKM
- T: FEP/FKM (O-rings only)



Filter type
LPGG:
LOFPLEAT GG

Retention ratings
-0.45: 0.45 µm
-1: 1 µm
-3: 3 µm
-10: 10 µm

Adapter codes
-DOE: Double open end
-1: SOE 226 O-rings, bayonet/flat
-2: SOE 222 O-rings, spear
-3: SOE 226 O-rings, bayonet/spear
-4: SOE 222 O-rings, flat

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