

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)

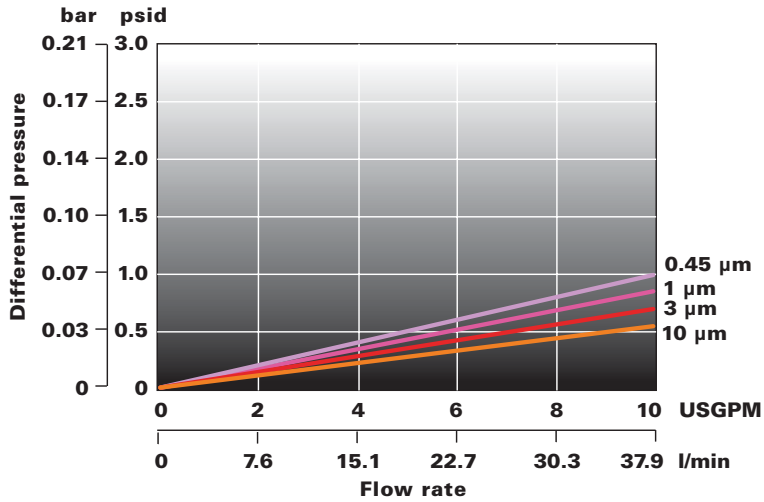


Powering Business Worldwide

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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.

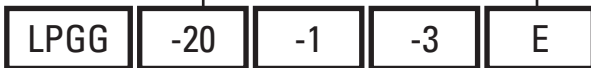
Ordering code

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
LPGA:
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

North America
44 Apple Street
Tinton Falls, NJ 07724
Toll Free: 800 656-3344
(North America only)
Tel: +1 732 212-4700

Europe/Africa/Middle East
Auf der Heide 2
53947 Nettersheim, Germany
Tel: +49 2486 809-0

Friedensstraße 41
68804 Altlußheim, Germany
Tel: +49 6205 2094-0
An den Nahewiesen 24
55450 Langenlonsheim, Germany
Tel: +49 6704 204-0

China
No. 3, Lane 280,
Linhong Road
Changning District, 200335
Shanghai, P.R. China
Tel: +86 21 5200-0099

Singapore
100G Pasir Panjang Road #07-08
Singapore 118523
Tel: +65 6825-1668

Brazil
Av. Ermanno Marchetti, 1435 -
Água Branca, São Paulo - SP,
05038-001, Brazil
Tel: +55 11 3616-8461

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

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