



LOFPLEAT™ AG absolute rated pleated filter cartridges

Eaton's LOFPLEAT AG absolute rated filter cartridges are suitable for a wide range of critical process applications.

Get absolute efficiency with this cost-effective all-polypropylene cartridge. The pleated design provides a large surface area for long-lasting filtration efficiency.

Features and benefits

- Fits broad application range with 0.2 to 50 µm retention rating
- Beta rating of 5000, 99.98% efficiency
- High flow and long service life for minimum maintenance
- Available in continuous lengths up to 40 inches
- Eliminates dirt unloading at high differential pressures due to fixed pore structure
- FDA listed (U.S. CFR, Title 21) materials of construction for food and beverage contact

Design

Filter material

Polypropylene

Inner core, cage, end caps

Polypropylene

Gaskets/O-rings

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

Retention ratings

0.2, 0.45, 1, 5, 10, 25, 50 µm
@ 99.98% efficiency

Technical data

Nominal lengths

10", 20", 30", 40"
(254, 508, 762, 1016 mm)

Outside diameter

2.7" (69 mm)

Inside diameter

1.1" (27 mm)

Surface area

5.1 ft² (0.47 m²) per 10" element

Max. operating temperature

176 °F (80 °C)

Max. differential pressures

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)

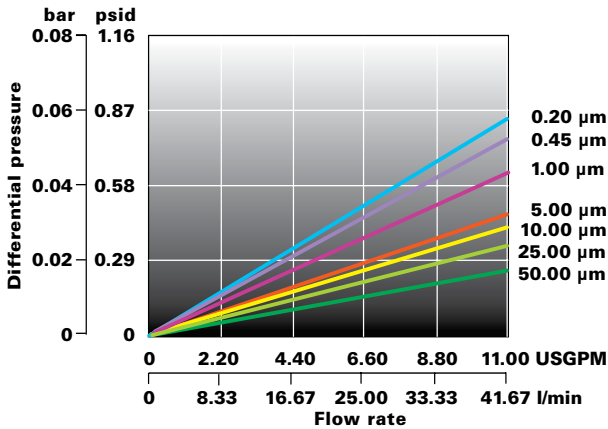


Powering Business Worldwide

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Flow rate*

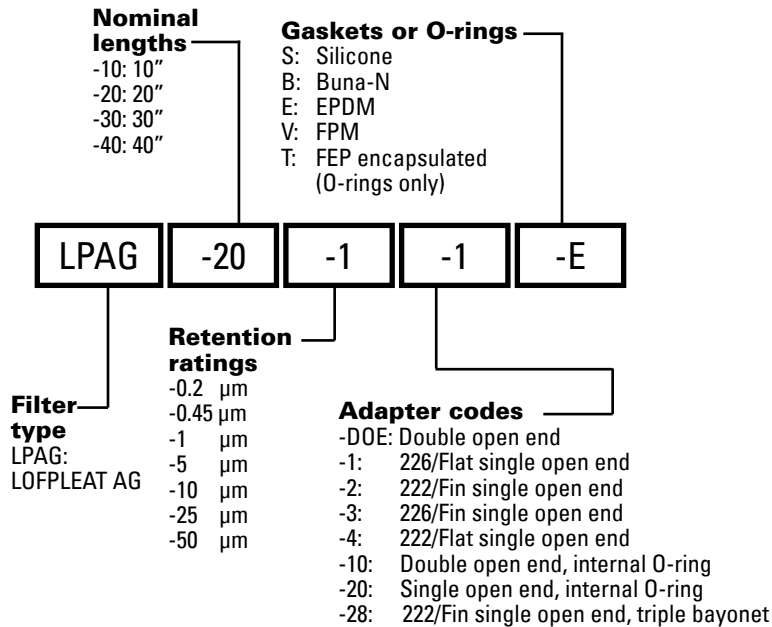
(68°F/20°C per 10" filter cartridge for water)



LOFPLEAT AG 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



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

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

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

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

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

Brazil
 Rua Clark, 2061 - Macuco
 13279-400 - Valinhos, Brazil
 Tel: +55 11 3616-8400

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

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