



# 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 ft<sup>2</sup> (0.47 m<sup>2</sup>) 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)

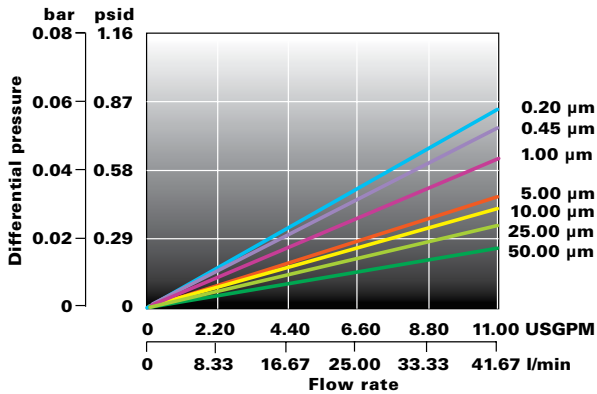


Powering Business Worldwide

# LOFPLEAT AG absolute rated pleated filter cartridges

## Flow rate\*

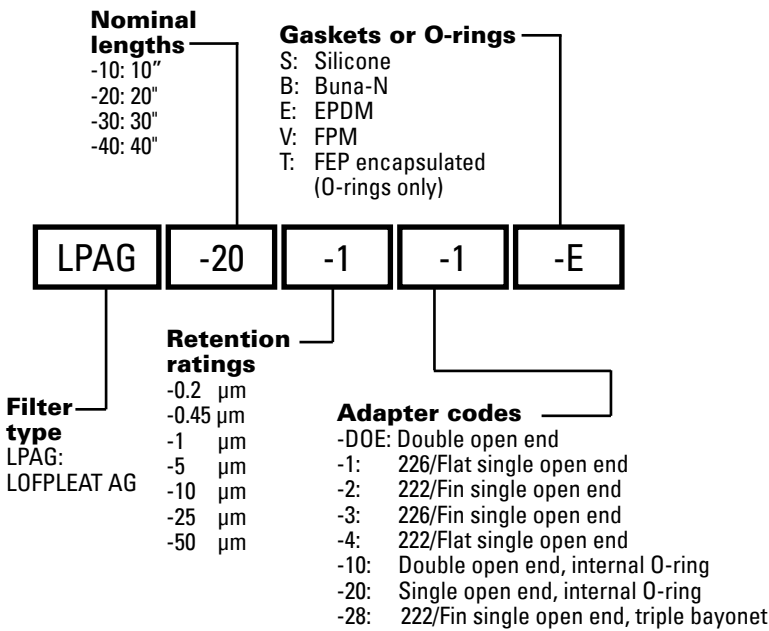
(68°F/20°C per 10" filter cartridge for water)



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 Nahewiesen 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](mailto:filtration@eaton.com) or visit [www.eaton.com/filtration](http://www.eaton.com/filtration)

© 2018 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.

EN  
EF-LPAG  
05-2018