



LOFPLEAT™ EE economically efficient pleated filter cartridge

Eaton's LOFPLEAT EE all-polypropylene filter cartridges with an economically efficient design are suitable for a wide range of process applications.

This disposable filter element can be used for a wide range of applications. The pleated polypropylene filter material provides a large filtration surface area which allows for maximized flow rate in the system.

Features and benefits

- Filtration efficiency of 90%
- Retention ratings from 0.2 to 25 µm
- Available in lengths up to 40"
- Pore structure design resists dirt unloading
- Polypropylene construction and multiple gasket/O-ring options for broad application range

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 µm
@ 90% 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)

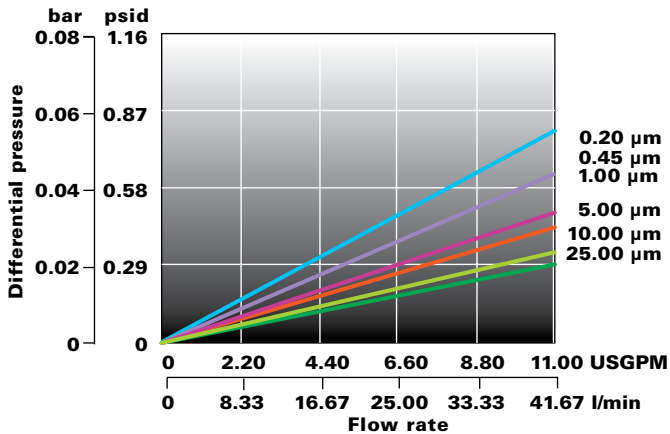


Powering Business Worldwide

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Flow rate*

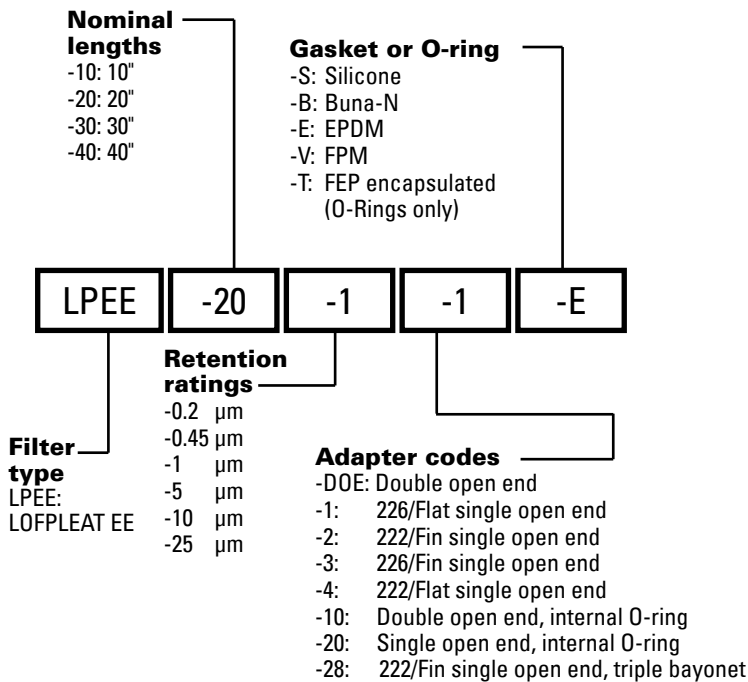
(68°F/20°C per 10" filter cartridge for water)



LOFPLEAT EE 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



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