



## 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 ft<sup>2</sup> (0.47 m<sup>2</sup>) per 10" element

#### Max. operating temperature

176 °F (80 °C)

#### Max. differential pressures

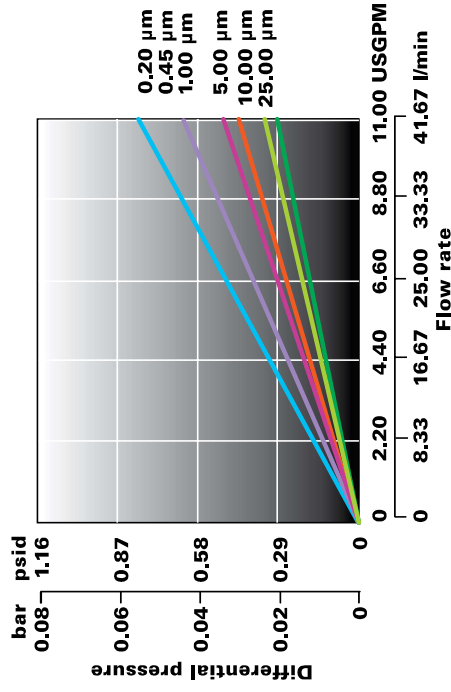
58 psid @ 70 °F (4.0 bar @ 21 °C)  
35 psid @ 176 °F (2.4 bar @ 80 °C)

#### Recommended differential change-out pressure for disposal

29 psid (2.0 bar)

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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

