



## Pleated Cyst Reduction Filter Cartridges

*“Constructed of polypropylene, Eaton’s LOFPLEAT-RS filter cartridge is an ideal choice for the removal of cyst contaminants from drinking water when used during the purification process.”*

This Eaton Pleated Cyst Reduction Cartridge offers protection against parasitic cysts that cause water borne diseases. Resistant to chlorination in typical water treatment processes, these contaminants can lead to serious illness and even death if not removed. The LOFPLEAT-RS cartridge provides an absolute filtration of 1 micron and is designed with filter media that exceeds the ANSI/NSF Standard 53 of 99.95% for the removal of cysts\*.

### Features and Benefits

- Polypropylene construction for use in a variety of fluids
- Superior flow rates, surface area and dirt holding capacity for extended on-line service
- Meets or exceeds NSF Standard 53 concerning cyst reduction

- Meets USP Class VI biological test for plastics
- Available in a range of O-Ring materials and configurations for easy system retrofit

### Filter Specifications

**Media**  
Polypropylene

**End caps**  
Polypropylene

**Inner core**  
Polypropylene

**Gaskets / O-Rings**  
Silicone, Viton, EPDM, Buna, FEP encapsulated Viton® (O-Rings only)

**Cage**  
Polypropylene

### Dimensions / Parameters

**Nominal lengths**  
5"; 9.75"; 10"; 20"; 30"; 40"  
(12.7; 25.4; 50.8; 76.2; 101.6 cm)

**Outside diameter**  
2.7" (6.9 cm)

**Inside diameter**  
1" (2.54 cm)

**Surface area**  
0.72 m<sup>2</sup> (7.8 ft<sup>2</sup>) per 10 inch element

**Micron rating**  
1 µm

**Max. operating temperature**  
up to 80°C (176°F) max

**Max. differential pressure**  
5.2 bar @ 21°C (75 psid @ 70°F)  
2.8 bar @ 80°C (40 psid @ 176°F)  
1.03 bar @ 88°C (15 psid @ 190°F)

**Recommended change-out pressure for disposal**  
2.4 bar (35 psid)

### FDA Listed Materials

All polypropylene material used in manufacturing complies with the regulations of the Food and Drug Administration (FDA) Title 21 of the Code of Federal regulation 174.5, 177.1520 and 177.1630, as applicable for food and beverage contact.

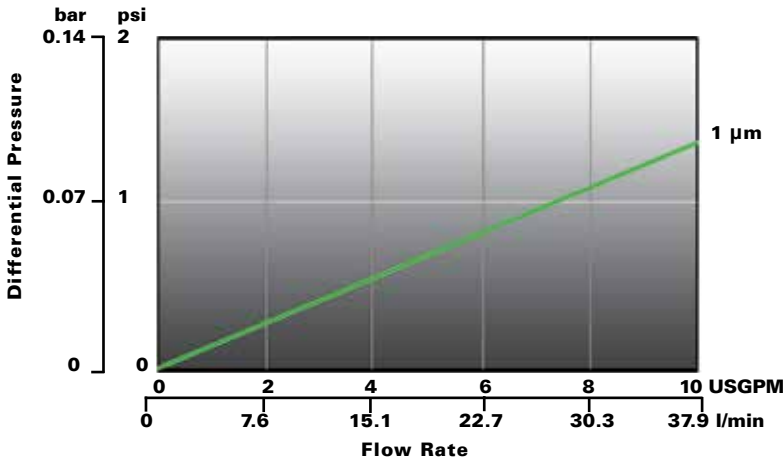
\* Performance tested and verified by Independent Laboratory testing.



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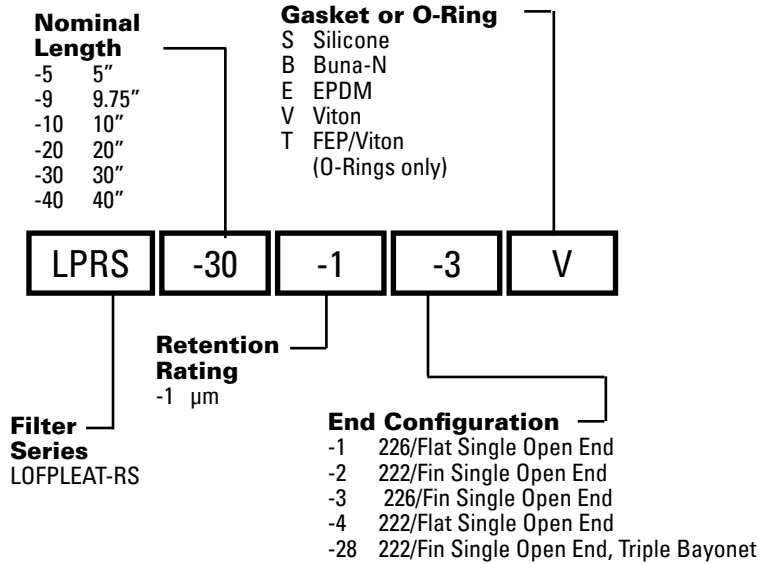
## LOFPLEAT-RS Flow Rate\*

(21°C/70°F per 10" cartridge)



\*For liquids other than water, multiply pressure drop by fluid viscosity in centipoise.

## Filter Specification Code



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