



Pleated Cyst Reduction Cartridge Filter

"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."

The 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 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, Teflon® encapsulated Viton® (O-Rings only) Teflon gaskets

Cage

Polypropylene

Nominal lengths

9.75", 10", 20", 30", 40"
(25.4, 50.8, 76.2, 101.6 cm)

Outside diameter

2.7" (6.9 cm)

Inside diameter

1.0" (2.54 cm)

Micron rating

1 µm

Operating Parameters

Operating temperature

up to 176°F (110°C) max

Differential pressure

75 psid @ 70°F (5.2 bar @ 21°C) max
40 psid @ 176°F (2.8 bar @ 80°C) max
15 psid @ 190°F (3.4 bar @ 103°C) max

Recommended changeout pressure for disposal

35 psid (2.4 bar)

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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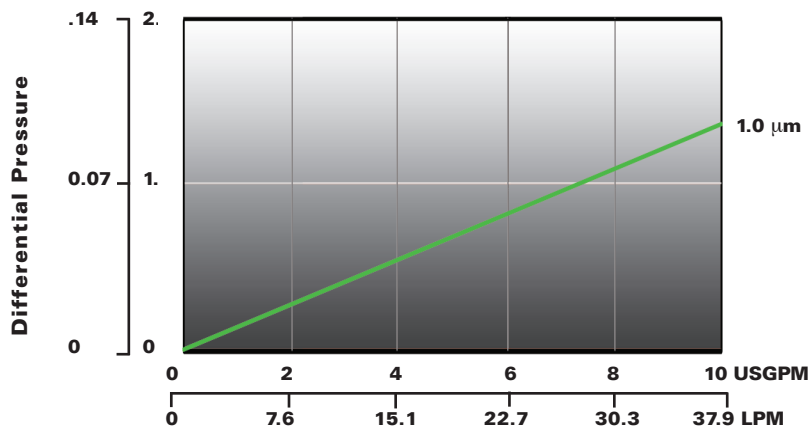
Filter Specification Code

Nominal Length	Gasket or O-Ring
-9 9.75"	S Silicone
-10 10.0"	B Buna-N
-20 20.0"	E EPDM
-30 30.0"	V Viton
-40 40.0"	T FEP/Viton (O-Rings only)
	T FEP (Gaskets only)

LPRS	-30	-1	-3	V
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Filter Series	Retention Rating	End Configuration
LOFPLEAT-RS	-1 micron	-1 226/Flat Single Open End
		-2 222/Fin Single Open End
		-3 226/Fin Single Open End
		-4 222/Flat Single Open End

LOFPLEAT-RS Flow Rate (70°F/21°C per 10" cartridge)



(For liquids other than water, multiply pressure drop by fluid viscosity in centipoise.)

DOE end configuration cartridges are not offered in the LOFPLEAT cartridge series. Cyst reduction claim is not applicable for DOE end configuration cartridges, based on NSF standard 53, for bottled water facilities.

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