

ZenFlo PES Cartridges



Bacterial Retention

Complete retention of $\geq 10^7$ organisms/cm² of *Brevundimonas diminuta* in accordance with the current HIMA challenge methodology (ASTM F838-05). Validation guide available upon request.

Water Bubble Point Specification

0.2 μ m : 50 psi (0.35 MPA)

Bio-Safety

Filter effluent is non-pyrogenic per USP bacterial endotoxin (<0.25 EU/ml)

Sterilization & Autoclaving

The filters can be sterilized by autoclaving for up to 50 cycles at 125 °C (257 °F) for 30 minutes. The filters can also be sterilized by steam-in-place procedure up to 30 cycles at 135 °C (275 °F) for 30 minutes at less than 0.3 bar differential pressure. The filters can also be sanitized by hot water or common chemicals that are compatible with filter components.

Regulatory Compliance

Manufactured from materials that conform to the requirements of 21 CFR Part 177 of the U.S. Code of Federal Regulations and USP Class VI Biological Test for Plastics.

ZenFlo PES Cartridge Ordering Guide

PureFlo PES Filter Cartridges	Removal Rating	End Modifications	Length	O-Ring / Gasket Materials	Package Qty	Options	Options
MZZS = PES with Prefilter	10 = 0.10 micron	0 = 222 O-Ring Flat	1 = 10"	E = EPDM	1 = 1pc/ pack	- 5 = SS Insert - RI = RFID Chip	Blank = Pharma Grade -ETO = ETO Sterilization
	20 = 0.20 micron	3 = 222 O-Ring w/labs Spear	2 = 20"	N = Buna N			
	45 = 0.45 micron	5 = 222 O-Ring Spear	3 = 30"	P = Peroxide Cured EPDM			
		6 = 226 O-Ring Flat	4 = 40"	Q = Platinum Cured Silicon			
		7 = 226 O-Ring Spear	5 = 5"	S = Silicone			
Dual PES membrane, PET support, with Nylon Endcaps, PP Cage & Core Construction		8 = 223 O-Ring Flat	9 = 9.75"	T = TEV or FEP Gasket			
		F = DOE Flat Gasket		U = TES*			
		S = SOE Flat Gasket		V = Fluoroelastomer			
		Z = SOE Internal O-ring Flat**					

Example - Pharmaceutical grade, 10", 0.2 micron cartridge, with 2-222 Silicone o-ring, Flat end cap, and no insert would be MZZS2001S1

* - not available in Code Z ** - only available in 5", 9.75", 10" and 20", retrofit for DOE housings

Your Local Distributor:

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