

FilterPOS

PRODUCT INFORMATION

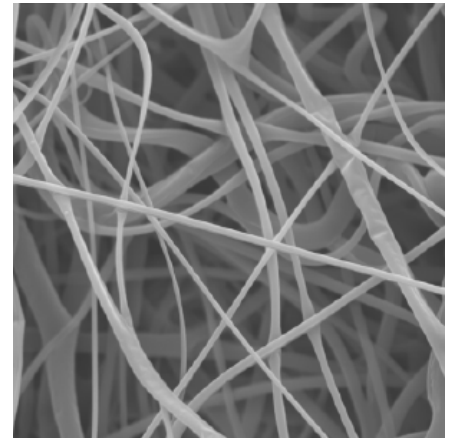
FilterPOS cartridges are built with polypropylene filter media and have high mechanical, thermal and chemical resistance; the optimized pleating and the large filtering surface guarantee maximum autonomy and long service life.

Polypropylene, the only component of FilterPOS cartridges, is chemically inert to colloid proteins, aromas and color and does not alter the filtered fluid.

Pleated polypropylene filter media with filtration degree: from 0.6 to 40 microns.

Typical applications are prefiltration and polishing of pharmaceutical, biological, chemical, solvents, perfumes, mouthwashes, water, wine, beer, beverages

Absolute retention > 99.98% on particles of the indicated filtration degree.



FilterPOS: Electron microscope photography

QUALITY STANDARDS

⇒ Designed, developed and manufactured in accordance with an ISO 9001 certified Quality Management System

BIO-SAFETY STANDARDS

⇒ Non-pyrogenic according to USP<85> Bacterial Endotoxins

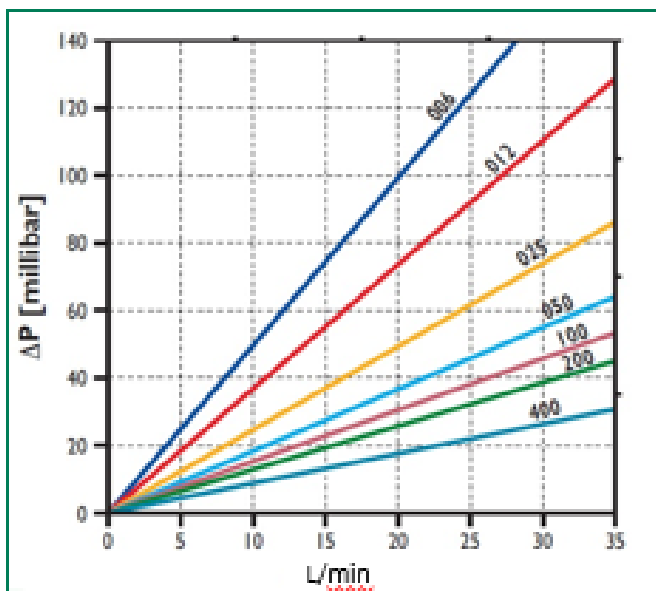
⇒ Pass USP Plastic Class VI Test Non-fiber releasing according to 21 CFR

REGULATORY COMPLIANCE

⇒ FilterPOS meets the requirements for food contact as detailed in European Regulation (EC) Number 1935/2004 and Code of Federal Regulations, 21 CFR paragraphs 170-199

Typical Liquid Flow vs. Differential Pressure

Water at 20°C per 10" module

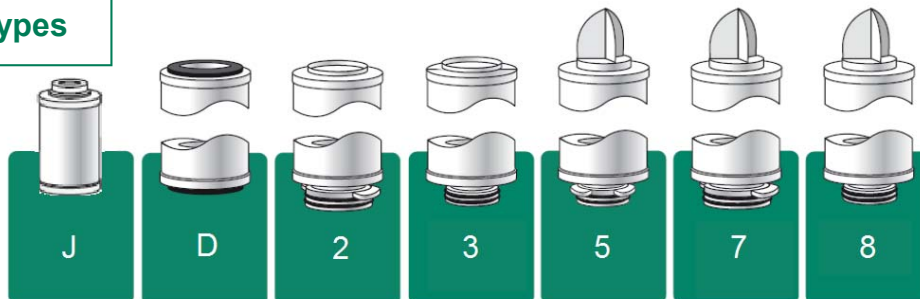


Specifications

Materials of Costruction		Microbial Removal Efficiency	
Filter Media	polypropylene	< 99,9 % (ASTM795) Absolute rated– Filter performance Consistent and reproducible contaminant removal	
Support and drainage layers	polypropylene		
Cage	polypropylene		
Adapter ilnsert	AISI316L		
Operating Parameters		Sterilization	
Maximum operating temperature	Up to 70°C	Steam	Up to 130 °C per 30 minutes
Maximum differential pressure	5,5 bar at 24°C	Hot water	Up to 90°C per 30 minutes
Forward direction	1,8 bar at 24°C		
Nominal Dimintions		Integrity Test Values	
Standard Lenght: 250, 500, 750, 1000 mm, Diameter. 70 mm		NOT APPLICABLE TO NON-MEMBRANE FILTERS	

ORDER INFORMATION

Adater types



POS	7	10	010	S	I	PH
Product identification	Adapter	Length	Filtration Rating	Gaskets o-rings	Insert	Version
POS	D = DOE (double open end) 2 = OR226/2 bayonet without fin 3 = OR222/without fin 5 = OR222/ 3 bayonet s with fin 7 = OR226/2 bayonet with fin 8 = OR222/ with fin	10=10" 20=20" 30=30" 40=40"	010 = 1.0 µm 030 = 3.0 µm 050 = 5,0 µm	E = EPDM S = Silicone V = FPM X = FEP	I = with (*) 0 = without (*) When filter has to be sterilized by steam	PH = Pharma version

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IPM reserves the right to modify any product feature for technical reasons and to offer customers the best technology. For clarification please contact IPM.

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