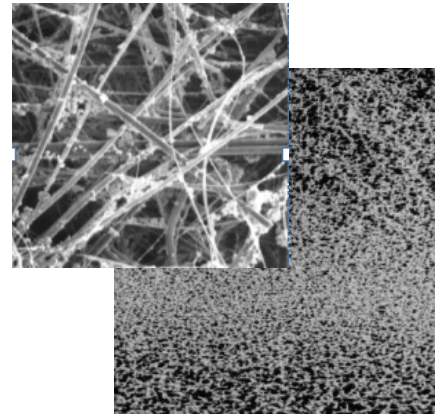


FilterPEG



FilterPEG: Electron microscope photography

PRODUCT INFORMATION

The FilterPEG cartridges are built with a filter septum of positively charged borosilicate fibers, to protect a polyethersulfone membrane.

This technology combines the retention by adsorption of colloids, organic material and bacteria of the glass fiber filter media with the precise sieving by size of the membrane. The result is a cartridge with exceptional accuracy and service life.

Filtration degree: 0.8 to 1.2 microns

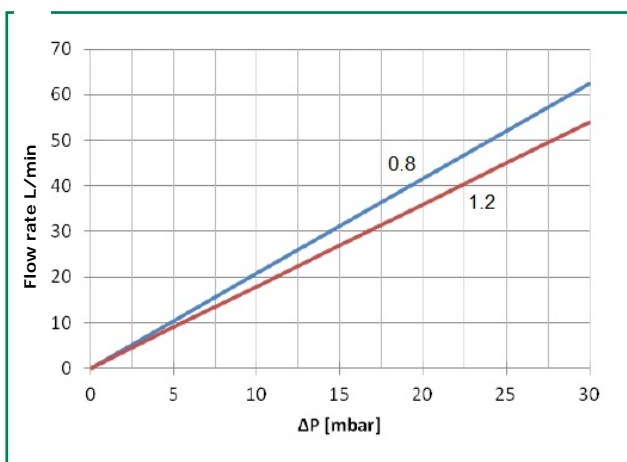
FilterPEG meets the requirements for food contact with water solution (Excluding alcoholic and fatty foods) or for air/gas filtration for particle removal.

QUALITY STANDARDS

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

Typical Liquid Flow vs. Differential Pressure

Water at 20°C per 10" module

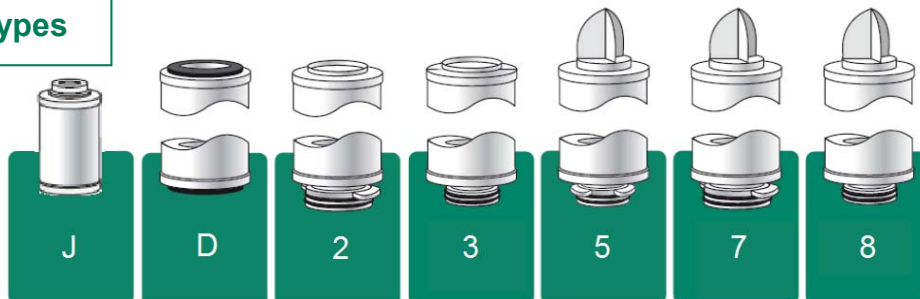


Specifications

Materials of Costruction		Microbial Removal Efficiency	
Pre-Filter Media	borosilicate fibers	TR>10 ⁷ /cm ²	<i>Saccaromices cerevisiae</i>
Filter Membrane	polyethersulfone		
Support and drainage layers	polypropylene		
Cage	polypropylene		
Adapter insert	AISI316L		
Operating Parameters		Sterilization	
Maximum operating temperature	70°C in continuo	Steam	Up to 130 °C per 30 minuties
Maximum differential pressure	4,8 bar at 40°C	Hot water	Up to 90°C per 30 minutes
Forward direction	1,0 bar at 20°C		
Nominal Dimentions		Integrity Test Values	
<i>Junior</i> Lenght: 62, 125 mm, Diameter: 56 mm		NOT APPLICABLE TO NON-MEMBRANE FILTERS	
<i>Standard</i> Lenght: 250, 500, 750, 1000 mm, Diameter. 70 mm			

ORDER INFORMATION

Adater types



PEG	7	10	008	S	I
Product identification	Adapter	Length	Filtration Rating	Gaskets o-rings	Insert
PEG	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"	008 = 0.8 µm 012 = 1.2 µm	E = EPDM S = Silicone V = FPM X = FEP	I = with (*) 0 = without (*) When filter has to be sterilized by steam

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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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