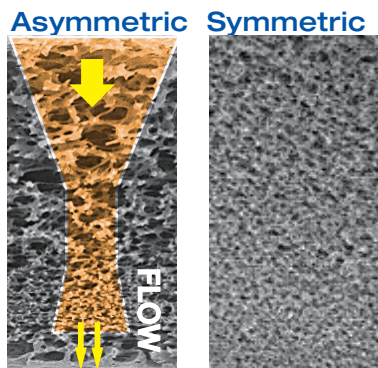


BevPure XL-EA Filter Cartridges

Asymmetric PES Membrane • Bioburden Reduction Liquid Filter

BevPure XL-EA Filter Cartridges are constructed of a single-layer asymmetric hydrophilic PES membrane. Characteristics include excellent throughput and high dirt hold capacity and durability. These filters are recommended as a bio-burden reduction filter as it provides an additional stage of sterilizing-grade filters with additional protection to increase its service life.



Features and Benefits

- Highly asymmetric PES membrane provides high dirt holding capacity and longer service life
- Broad chemical compatibility

Quality Standards

- Manufactured in a facility which adheres to ISO 9001:2015 Practices .
- Full Regulatory Compliance with following :
 - Bacterial Endotoxin :Aqueous extraction of autoclaved filter contains <0.25 EU/ml as determined by Limulus Amebocyte Lysate (LAL), USP<85>.
 - Non-fiber Releasing :Component materials meet the criteria for a " Non-fiber-releasing filter " as defined in 21 CFR 210.3(b)(6).
 - Component Material Toxicity :Meet the requirement of USP <87> In Vitro Cytotoxicity Test ; Meet the Criteria of USP<88> Biological Reactivity Test for Class VI-121°C plastics
 - TOC/Conductivity at 25°C: Autoclaved filter effluent meet the USP<643> for Total Organic Carbon and USP<645> for Water Conductivity per WFI requirements after a UPW flush of specified volume .
 - Particle Shedding : Autoclaved filter effluent meet the USP<788> for large volume Injections .
 - Indirect Food Additive: All component materials meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182 ,and EU framework regulation [1935/2004/EC].

Bioburden Reduction

Trap/Pre-Filtration

Microbiological Stabilization

Gas Filtration

Additional Filters



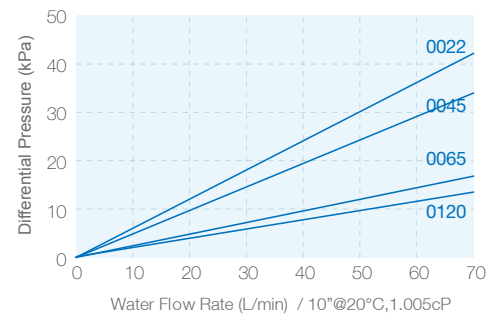
Materials of Construction

Filter Medium	Asymmetric PES Membrane
Cage/Support	Polypropylene
Core/End Caps	Polypropylene

Operating Conditions

Max. Operating Pressure	6.9 bar (100 psi) at 25 °C
	4.0 bar (58 psi) at 60 °C
	2.4 bar (35 psi) at 80 °C
Max. Differential Pressure	Forward 6.9 bar (100 psi) at 25 °C
	4.0 bar (58 psi) at 60 °C
	2.4 bar (35 psi) at 80 °C
	Reverse 3.0 bar (44 psi) at 25 °C
	1.0 bar (15 psi) at 80 °C
Effective Filtration Area	0.58m ² / Ø69-10 inch

Flow Rate Characteristics



Sterilization

Inline Steam Sterilization	up to 100 cycles (135°C for 30min < 0.3 bar per cycle)
Autoclave	up to 200 cycles (130°C for 30min per cycle)

Ordering Information

BPXL-EA	Removal Ratings	End Cap	Nominal Length	Seal Material	-F
	0022 = 0.22 µm	DOE = Double Open End	05 = 5"	S = Silicone	
	0045 = 0.45 µm	HTC = 222 O-ring/Flat (PBT Insert)	10 = 10"	E = EPDM	
	0065 = 0.65 µm	HTF = 222 O-ring/Fin (PBT Insert)	20 = 20"	V = Viton	
	0080 = 0.8 µm	HSF = 226 O-ring/Fin (PBT Insert)	30 = 30"		
	0120 = 1.2 µm	SSF = 226 O-ring/Fin (SS Insert)	40 = 40"		
		SSC = 226 O-ring/Flat (SS Insert)			
		STF = 222 O-ring/Fin (SS Insert, 3 Tabs)			