



Key Features:

- Strong chemical compatibility
- High Flux, low protein binding
- Proven sterile-grade filter element
- Ultra-low dissolution/precipitation
- Customizable double layer membrane configuration
- Various cages and connections are available

Applications:

- Sterilization filtration of water for injection, cleaning solution, purified water, deionized water
- Sterilization filtration of LVP, APIs, buffers, eye drops, disinfectants, etc.
- Sterilization filtration of vaccines, serums, biological products, antibiotic water-based liquid, etc.

EZBio® Mini Capsule filters are designed for high-performance microbial control in critical bioprocessing applications. Each capsule incorporates a pleated, hydrophilic, asymmetric Polyether sulfone (PES) membrane enclosed within ultra-pure polypropylene hardware, providing consistent, reliable filtration across a wide range of operating conditions.

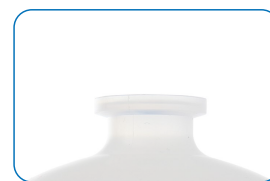
The capsule filter is made of asymmetric PES membrane. With ultra-low protein binding and dissolution precipitation levels, it can provide stable and reliable terminal sterilization filtration performance. It has passed the batch verification of typical bacterial removal ratings in the industry, and its sterilization ability LRV > 7.

Material of Construction	
Component	Material
Filter Membrane	PES
Support / Drainage/ Capsule Shell/ Core / Cage / End Cap	PP
Sterilization	
Method	Conditions
Autoclave	124 °C, 30 min, 5 cycles
	134 °C, 20 min, 5 cycles
Gamma Irradiation	25 kGy (Recommended)
Biological Safety	
Parameter	Specification
Biocompatibility	Meets USP <87> in vitro Cytotoxicity Test
	Meets criteria of USP <88> Biological Reactivity Test for Class VI–121 °C plastics
Endotoxins	< 0.25 EU/ml

EZBio® Mini Capsule Filters - PES Ordering Information:

Filter	Foxx P/N	Pore size	EFA m2	I/O Hose Barb
EZBio® Mini Capsule Filters PES - 1.5"	811-S003-FLS	0.2µm	0.023 m2	1/4"-1/2" Stepped HB
	811-S005-FLS	0.2µm	0.023 m2	1/2" Tri Clamp
	811-S203-FLS	0.45µm/0.2µm	0.023 m2	1/4"-1/2" Stepped HB
	811-S205-FLS	0.45µm/0.2µm	0.023 m2	1/2" Tri Clamp
	811-S010-FLS	0.2µm	0.05 m2	3/8" HB
	811-S011-FLS	0.2µm	0.05 m2	1/2" HB
	811-S012-FLS	0.2µm	0.05 m2	1/4" Multiple Stepped HB
	811-S013-FLS	0.2µm	0.05 m2	1/4"-1/2" Stepped HB
	811-S014-FLS	0.2µm	0.05 m2	1" Tri Clamp
	811-S210-FLS	0.45µm/0.2µm	0.05 m2	3/8" HB
	811-S211-FLS	0.45µm/0.2µm	0.05 m2	1/2" HB
	811-S212-FLS	0.45µm/0.2µm	0.05 m2	1/4" Multiple Stepped HB
	811-S213-FLS	0.45µm/0.2µm	0.05 m2	1/4"-1/2" Stepped HB
	811-S214-FLS	0.45µm/0.2µm	0.05 m2	1" Tri Clamp

Port Sizes



1/2" Tri-Clamp



1/2" Hose Barb



1/4"-1/2" Stepped
Hose Barb

