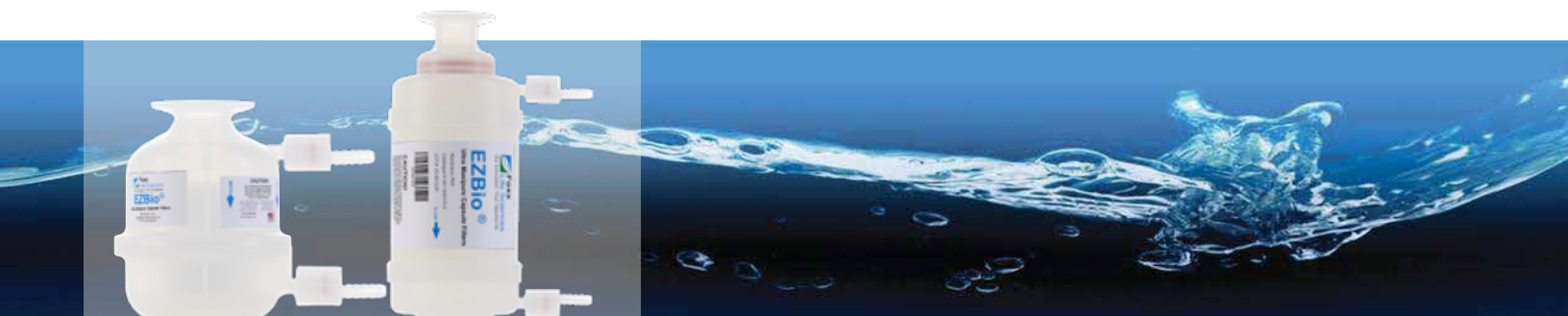


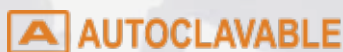


Key Features:

- Used for final/sterile grade filtration with low protein binding
- Offered in a wide range of effective filtration areas, from 1.02 ft² (0.09 m²) to 26 ft² (2.41 m²), to suit your application needs.
- Low pressure drops yield high flow rates, reducing processing time
- Double layered filter membrane for reducing clogging and extending filter life
- Filters are Gamma compatible and autoclavable up to 20 times
- Materials comply with USP Class VI standards
- Made In USA

Applications:

- Buffer preparation
- Cell culture media preparation, protein purification
- High-purity chemical filtration
- Sample preparation



Foxx Life Sciences' EZBio® Ultra Capsule Filters are pre-assembled, enclosed filtration devices designed for controlling micro-organisms from entering sterile fluids. These filters have low protein binding and a nice compact size for OEM equipment.

Our Capsule filters feature high grade, double-layered Polyether sulfone (PES) membrane, with bacterial retention rate up to 0.2 μm and 0.45 μm . Available in wide range of sizes from 2" to 40" with high surface area membrane with reliable, consistent and repeatable filtrate quality. These filters are tested for eliminating *Brevundimonas diminuta* at Test concentration of 10⁷ CFU/cm².

The inlet/outlet configurations we offer—includes hose barsbs, female NPT, and sanitary connections—these capsule filters are suitable for a wide range of bioprocessing applications. They are designed to operate at pressures up to 5.5 bar (80 psi), making them ideal for critical filtration tasks in pharmaceutical, biotechnology, and industrial processes.





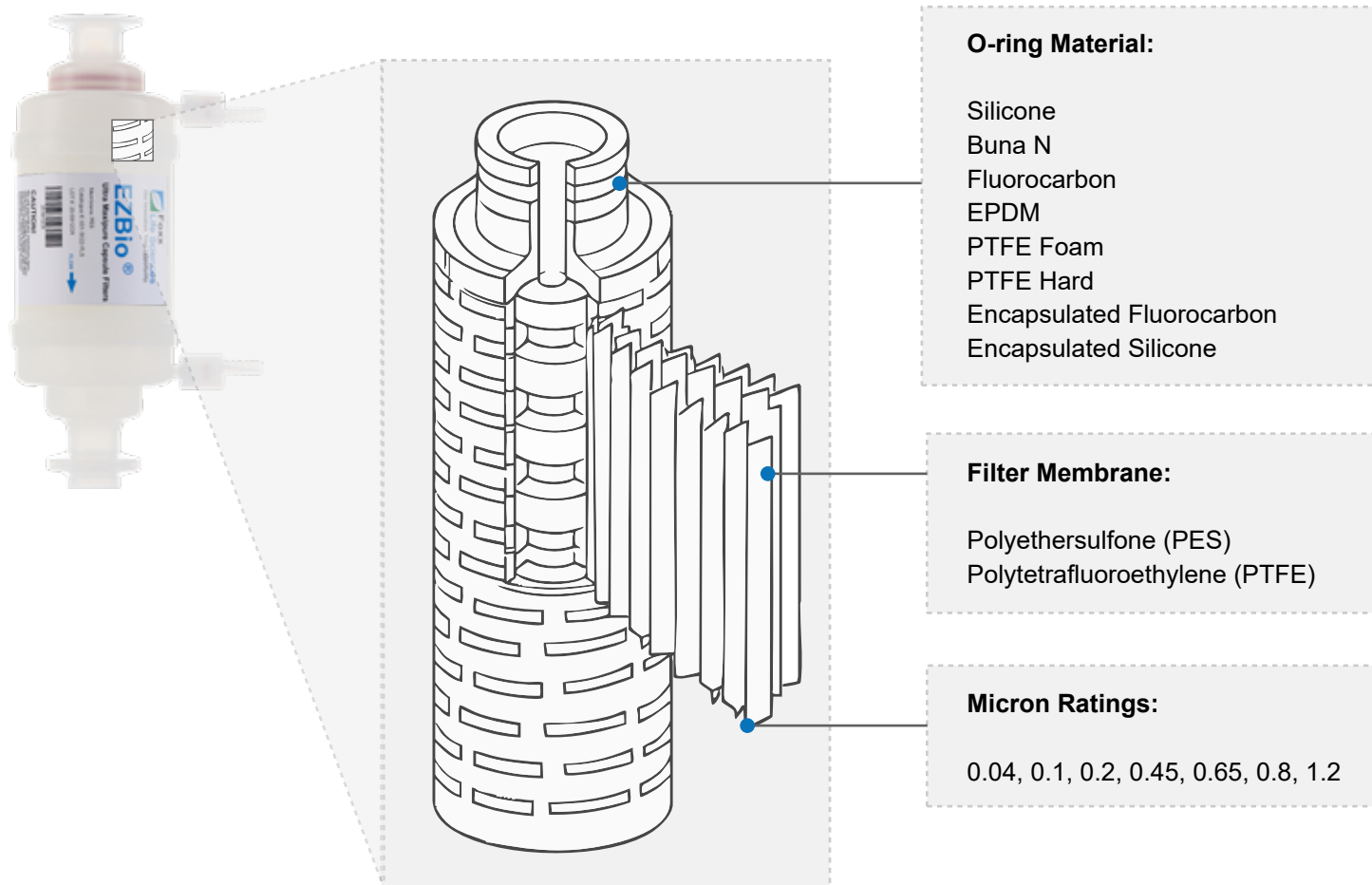
Technical Specifications				
Ultrapure water extracts from multiple lots of cartridges were tested and shown to have values that comply with USP limits				
USP Physicochemical Tests for Plastics				
Test	Results		USP Limit	
Non-Volatile Residue	<2 mg		<15 mg	
Heavy Metals	<1 ppm		<1 ppm	
Residue on Ignition	<2 mg		<5 mg	
Buffering Capacity	<1 ml		<10 ml	
Maximum Differential Pressure				
Forward: 75 psid (5.1 bar) at 75°F (24°C) 40 psid (2.8 bar) at 180°F (82°C)				
Reverse: 50 psid (3.4 bar) at 75°F (24°C)				
Maximum Operating Temperature				
180°F (82°C) Continuous Duty				
Toxicity				
Cartridge materials meet USP Class VI and CFR 21 for food and beverage				
Sterilization				
Steam or Autoclavable: 20 times for 60 minutes at 257°F (125°C) and ≤3 psi.				
Gamma-Irradiatable: Maximum Dose 50 kGy.				
Integrity Testing				
Bubble Point				
49 psig				
Diffusive Flow Integrity Test				
Size	Wetting Fluid	Test Pressure	Air Diffusion	
			0.2µm/0.2µm	0.45µm/0.2µm
2"	Water	40 psi	2.8 mL/min	4.0 mL/min
4"	Water	40 psi	5.0 mL/min	7.0 mL/min
5"	Water	40 psi	7.15 mL/min	11.6 mL/min
10"	Water	40 psi	16 mL/min	26.0 mL/min
20"	Water	40 psi	32 mL/min	52 mL/min
30"	Water	40 psi	48 mL/min	78 mL/min
40"	Water	40 psi	64 mL/min	104 mL/min

Lorem ipsum

EZBio® Ultra Capsule Filters - PES Ordering Information:

0.2 μm pore size	0.45/0.2 μm pore size	Height	Effective Area	Connector Configuration
651-S000-FLS	651-S100-FLS	2"	1.02 ft ² (0.09m ²)	0.25" Hose Barb
651-S001-FLS	651-S101-FLS	2"	1.02 ft ² (0.09m ²)	0.375" Hose Barb
651-S003-FLS	651-S103-FLS	2"	1.02 ft ² (0.09m ²)	0.5" Hose Barb
651-S004-FLS	651-S104-FLS	2"	1.02 ft ² (0.09m ²)	0.75" Sanitary (mates also with 0.5")
651-S005-FLS	651-S105-FLS	2"	1.02 ft ² (0.09m ²)	1" Sanitary (mates also with 1.5")
651-S010-FLS	651-S110-FLS	4"	1.86 ft ² (0.17 m ²)	0.25" Hose Barb
651-S011-FLS	651-S111-FLS	4"	1.86 ft ² (0.17 m ²)	0.375" Hose Barb
651-S013-FLS	651-S113-FLS	4"	1.86 ft ² (0.17 m ²)	0.5" Hose Barb
651-S014-FLS	651-S114-FLS	4"	1.86 ft ² (0.17 m ²)	0.75" Sanitary (mates also with 0.5")
651-S015-FLS	651-S115-FLS	4"	1.86 ft ² (0.17 m ²)	1" Sanitary (mates also with 1.5")
651-S020-FLS	651-S120-FLS	5"	3.25 ft ² (0.30 m ²)	0.25" Hose barb
651-S022-FLS	651-S123-FLS	5"	3.25 ft ² (0.30 m ²)	0.5" Female NPT
651-S023-FLS	651-S122-FLS	5"	3.25 ft ² (0.30 m ²)	0.5" Hose Barb
651-S025-FLS	651-S125-FLS	5"	3.25 ft ² (0.30 m ²)	1" Sanitary (mates also with 1.5")
651-S026-FLS	651-S126-FLS	5"	3.25 ft ² (0.30 m ²)	Stepped Hose barb (0.25"/0.375"/0.5")
651-S030-FLS	651-S130-FLS	10"	6.5 ft ² (0.60 m ²)	0.25" Hose barb
651-S032-FLS	651-S133-FLS	10"	6.5 ft ² (0.60 m ²)	0.5" Female NPT
651-S033-FLS	651-S132-FLS	10"	6.5 ft ² (0.60 m ²)	0.5" Hose Barb
651-S035-FLS	651-S135-FLS	10"	6.5 ft ² (0.60 m ²)	1" Sanitary (mates also with 1.5")
651-S036-FLS	651-S136-FLS	10"	6.5 ft ² (0.60 m ²)	Stepped Hose barb (0.25"/0.375"/0.5")
651-S040-FLS	651-S140-FLS	20"	13 ft ² (1.20 m ²)	0.25" Hose barb
651-S042-FLS	651-S143-FLS	20"	13 ft ² (1.20 m ²)	0.5" Female NPT
651-S043-FLS	651-S142-FLS	20"	13 ft ² (1.20 m ²)	0.5" Hose Barb
651-S045-FLS	651-S145-FLS	20"	13 ft ² (1.20 m ²)	1" Sanitary (mates also with 1.5")
651-S046-FLS	651-S146-FLS	20"	13 ft ² (1.20 m ²)	Stepped Hose barb (0.25"/0.375"/0.5")
651-S050-FLS	651-S150-FLS	30"	19.5 ft ² (1.81 m ²)	0.25" Hose barb
651-S052-FLS	651-S153-FLS	30"	19.5 ft ² (1.81 m ²)	0.5" Female NPT
651-S053-FLS	651-S152-FLS	30"	19.5 ft ² (1.81 m ²)	0.5" Hose Barb
651-S055-FLS	651-S155-FLS	30"	19.5 ft ² (1.81 m ²)	1" Sanitary (mates also with 1.5")
651-S056-FLS	651-S156-FLS	30"	19.5 ft ² (1.81 m ²)	Stepped Hose barb (0.25"/0.375"/0.5")
651-S060-FLS	651-S160-FLS	40"	26 ft ² (2.41 m ²)	0.25" Hose barb
651-S062-FLS	651-S163-FLS	40"	26 ft ² (2.41 m ²)	0.5" Female NPT
651-S063-FLS	651-S162-FLS	40"	26 ft ² (2.41 m ²)	0.5" Hose Barb
651-S065-FLS	651-S165-FLS	40"	26 ft ² (2.41 m ²)	1" Sanitary (mates also with 1.5")
651-S066-FLS	651-S166-FLS	40"	26 ft ² (2.41 m ²)	Stepped Hose barb (0.25"/0.375"/0.5")

Capsule Filter Customization Options:



***Contact Foxx Life Sciences Sales to discuss custom cartridge and capsule filter solutions tailored to your process requirements.**