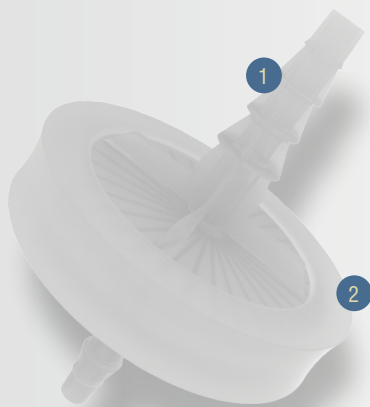


- Hydrophobic PTFE membrane reinforced with polypropylene
- 0.2µm pore size
- Gamma-stable polypropylene housing
- Autoclavable up to 10 times
- All materials comply with USP Class VI standards

Foxx Life Sciences's **EZBio®** Vent Filters are used for hydrophobic venting and solvent filtration applications. The PTFE filter membrane is ideal for maintaining purified water stored in carboys, or for sterile venting during a slow exhaust/liquid autoclave cycle of **EZgrip™** carboys.

Housed inside the USP Class VI polypropylene body, a hydrophobic PTFE membrane traps aerosolized bacteria and prevents flow of aqueous solutions, allowing for the creation and maintenance of aseptic, closed systems. The membrane is reinforced with a specialized polypropylene support, meaning **EZBio®** Vent Filters can even be sterilized by gamma irradiation.



Thomas No.
1170A30
Mfr. No.
25H-1705-FLS
Vent filter, 0.2µm,
45mm, Non-Sterile

- 1 Stepped hose barb
- 2 PTFE membrane

Foxx EZBio® Vent Filters (Gamma Safe)				
Thomas No.	Mfr. No.	Pore Size (µm)	Size (mm)	Pack Size
1170A26	25H-1701-FLS	0.2	50	1
1170A27	25H-1702-FLS	0.2	50	5
1170A28	25H-1703-FLS	0.2	50	25
1170A29	25H-1704-FLS	0.2	50	100
Foxx EZBio® Vent Filters (Gamma Safe)				
Thomas No.	Mfr. No.	Pore Size (µm)	Size (mm)	Pack Size
1170A30	25H-1705-FLS	0.2	45	1
1170A31	25H-1706-FLS	0.2	45	5
1170A32	25H-1707-FLS	0.2	45	25
1170A33	25H-1708-FLS	0.2	45	100



Property	45mm	50mm
Component Number (used in Foxx assembly Drawings only)	11530-02	11530-01
Filter Media Material	Hydrophobic PTFE	
Housing Material	Gamma-Stable Polypropylene	
Pore Size	0.2 µm	
Effective Filtration Area (cm ²)	13.8	20
Overall Length (mm)	47	83.5
Diameter (mm)	56	73
Flow Rate at .25 bar (L/min)	11	10.5
Inlet / Outlet Connections	¼" to ½" Stepped Barbs	
Maximum Operating Temperature	50°C	
Maximum Forward Differential Pressure	2.4 bar 34.8 psig @20°C	
Bubble Point @20°C	≥ 1.1 bar 16 psig in 60% isopropanol (IPA) 40% water, Air	
Bacterial Retention	Retention of 107 cfu/cm ² Brevundimonas diminuta (ATCC® 19146) according to ASTM F838.	
Gamma Irradiation	25 kGy (recommended)~50 kGy (max.), 1 cycle.	
Autoclaving	Max. 20 cycles at 134°C for 30 min.	
Bacterial Endotoxin	Aqueous extraction contains <0.25 EU/mL as determined by Limulus Amebocyte Lysate (LAL), USP <85>.	
Component Material Toxicity	Meet the criteria of the USP <88> Reactivity Test for Class VI-121°C plastics.	
Indirect Food Additive	All component materials meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182.	
Non-Fiber Releasing	Component materials meet the criteria for a "Non-fiber-releasing filter" as defined in 21 CFR 210.3 (b) (6).	
Quality Assurance	These products are manufactured in a facility which adheres to ISO 9001:2008 Practices	

Rev. 6/7/2018

