

250mL Vacuum Filtration

Description

250mL Vacuum Filtration, 75mm diameter membrane, Sterile

Purpose

Intended for the sterile vacuum filtration of aqueous solutions such as cell culture media and biological fluids

Materials

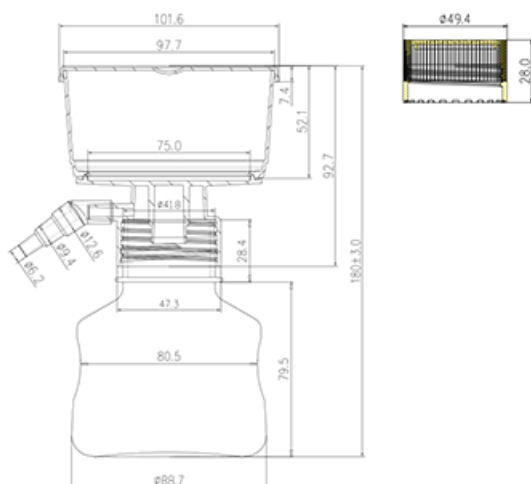
Housing: Lid, Cup, Bottle(GPPS/General Polystyrene);

Connect(ABS/Acrylonitrile-Butadiene-Styrene); Tip(PP/Polypropylene);

Cap: HDPE (High-density Polyethylene)



Dimensions (Unit: mm)



Features

- Hydrophilic Polyethersulfone (PES) membrane
- 2 pore sizes: 0.22 and 0.45µm
- Membrane type and pore size printed on unit
- Light weight and heavy wall construction
- Large knurls on the reservoir bottle cap for easy screw
- Designed wide and easy access bottle mouth for efficiently and stably pour out
- Engraved graduation ensure veracity
- Designed hose connector can fit multiplicate hose diameters
- Effective filtration area of membrane: 38.04cm²
- Hold-up Volume after purge: ≤3mL
- DNase/RNase free and Non-pyrogenic
- Sterilized by irradiation SAL10⁻⁶ (ISO11137)
- Shelf Life: 3 years after month of production
- Manufactured in a class 100,000 room environment
- Manufactured under ISO13485 and ISO9001 quality management system



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Membrane Performance Characteristics

Membrane material	Pore size	Water flow rate (mL/min/cm ² @ 0.7bar, 10psi)	Water bubble point (psi)
PES	0.22µm	19.3~34.6	53.0~69.0
PES	0.45µm	38.0~100.0	36.0~48.0

Vacuum Filtration

Cat. No.	Membrane Type	Pore Size	Capacity	Membrane Diameter	Sterilization	Packaging Configuration
FPE244250	PES	0.22µm	250mL	ø75mm	Yes	1/bag, 12/case
FPE444250	PES	0.45µm	250mL	ø75mm	Yes	1/bag, 12/case

Filter Upper Cup

Cat. No.	Membrane Type	Pore Size	Capacity	Membrane Diameter	Sterilization	Packaging Configuration
FPE254250	PES	0.22µm	250mL	ø75mm	Yes	1/bag, 24/case
FPE454250	PES	0.45µm	250mL	ø75mm	Yes	1/bag, 24/case