Filtration Device

Vacuum Filters



Applications

- 0.1 μm for mycoplasma removal
- 0.22 μm for the sterile filtration of cell culture, media, buffers, and reagents
- 0.45 μm for the clarification of aqueous and viscous solutions

Features

- For filtration of small volumes from > 50 mL to 1 L
- Large filtration area for the highest flow rates
- Low hold-up volume
- Gamma-ray sterilization

Specifications

	150mL	250mL	500mL	1000mL
Membrane	PES, Hydrophilic PVDF, Nylon			
Material				
Funnel, lid, bottle	Polystyrene (PS)			
Funnel adapter, screw cap	High Density Polyethylene (HDPE)			
Pore size	0.1μm, 0.22μm, 0.45μm, 0.22/0.1μm, 0.45/0.22μm			
Sterile	Gamma irradiation			
EFA	19 cm²	19 cm²	38 cm²	63 cm²
Package	24 pcs/case	24 pcs/case	9 pcs/case	9 pcs/case
Endotoxin	<0.25EU/ml			
Biosafety	All materials pass USP <88> Biological Reactivity test for Class VI			

PES Vacuum Filter Ordering Information

Part No.	Volume	Material	Pore size	Filtration area	Qty/pk (pcs)
VFC150MLENP	150mL	PES	0.1μm	19 cm²	24
VFC150MLEBP	150mL	Double layer PES	0.22/0.1μm	19 cm²	24
VFC150SLFNP	150mL	PES	0.22μm	19 cm²	24
VFC150SLESP	150mL	Double layer PES	0.45/0.22μm	19 cm²	24
VFC150PAFSP	150mL	PES	0.45μm	19 cm²	24
VFC250MLENP	250mL	PES	0.1μm	19 cm²	24
VFC250MLEBP	250mL	Double layer PES	0.22/0.1μm	19 cm²	24
VFC250SLFNP	250mL	PES	0.22μm	19 cm²	24
VFC250SLESP	250mL	Double layer PES	0.45/0.22μm	19 cm²	24
VFC250PAFSP	250mL	PES	0.45μm	19 cm²	24
VFC500MLENP	500mL	PES	0.1μm	38 cm²	9
VFC500MLEBP	500mL	Double layer PES	0.22/0.1μm	38 cm²	9
VFC500SLFNP	500mL	PES	0.22μm	38 cm²	9
VFC500SLESP	500mL	Double layer PES	0.45/0.22μm	38 cm²	9
VFC500PAFSP	500mL	PES	0.45μm	38 cm²	9
VFC01LMLENP	1000mL	PES	0.1μm	63 cm²	9
VFC01LMLEBP	1000mL	Double layer PES	0.22/0.1μm	63 cm²	9
VFC01LSLFNP	1000mL	PES	0.22μm	63 cm²	9
VFC01LSLESP	1000mL	Double layer PES	0.45/0.22μm	63 cm²	9
VFC01LPAFSP	1000mL	PES	0.45μm	63 cm²	9

Hydrophilic PVDF Vacuum Filter Ordering Information

Part No.	Volume	Material	Pore size	Filtration area	Qty/pk (pcs)
VFC150SMDNP	150mL	Hydrophilic PVDF	0.22μm	19 cm²	24
VFC150SMDSP	150mL	Double Hydrophilic PVDF	0.45/0.22μm	19 cm²	24
VFC250SMDNP	250mL	Hydrophilic PVDF	0.22μm	19 cm²	24
VFC250SMDSP	250mL	Hydrophilic PVDF	0.45/0.22μm	19 cm²	24
VFC500SMDNP	500mL	Hydrophilic PVDF	0.22μm	38 cm²	9
VFC500SMDSP	500mL	Hydrophilic PVDF	0.45/0.22μm	38 cm²	9
VFC01LSMDNP	1000mL	Hydrophilic PVDF	0.22μm	63 cm²	9
VFC01LSMDSP	1000mL	Hydrophilic PVDF	0.45/0.22μm	63 cm²	9

Filter Funnel Ordering information



Part No.	Volume	Material	Pore size	Filtration area	Qty/pk (pcs)
VFF150SLFNP	150mL	PES	0.22μm	19 cm²	48
VFF250SLFNP	250mL	PES	0.22μm	19 cm²	48
VFF500SLFNP	500mL	PES	0.22μm	38 cm²	18
VFF01LSLFNP	1000mL	PES	0.22μm	63 cm²	18
VFF150SMDNP	150mL	Hydrophilic PVDF	0.22μm	19 cm²	48
VFF250SMDNP	250mL	Hydrophilic PVDF	0.22μm	19 cm²	48
VFF500SMDNP	500mL	Hydrophilic PVDF	0.22μm	38 cm²	18
VFF01LSMDNP	1000mL	Hydrophilic PVDF	0.22μm	63 cm²	18

Receiver Flask Ordering Information

Part No.	Volume	Qty/pk (pcs)
VFB1500000P	150mL receiver flask	48
VFB2500000P	250mL receiver flask	48
VFB5000000P	500mL receiver flask	18
VFB01L0000P	1000mL receiver flask	18

