



Bell-shaped Pressure Filtration Units

CATALOG



Bell-shaped Pressure Filtration Units



Description

Bell-shaped Pressure Filtration Units offer a convenient and efficient way to filter biological fluids when using a peristaltic pump, syringe or other pressurized source. Wide range of membrane materials and pore sizes are available, offer filtration solution for different types of liquids, up to 5-8 L, for sterile filtration or clarification. PES is ideal for aqueous solutions, especially where low protein binding is required. The filters are available with glass fiber prefilter.

Specifications

Housing Material	Polypropylene
Housing OD	64 mm
Membrane Media	PES, CA, Hydrophilic PVDF, Hydrophobic PTFE, NY
Pore Size	0.1µm, 0.22µm, 0.45µm
Membrane OD	50 mm
Filtration Area	19.6 cm ²
Filling Bell Material	MS bell with polypropylene cap
Connection	1/4-1/2" (7-13mm) stepped hose barb
Typical Sample Volume	5L
Pre-sterilized by	Gamma irradiation

Features

- Sterile graded 0.22µm membrane: LRV >7 for *Brevundimonas diminuta*, ATCC19146
- Biosafety qualification USP<87>, USP<88>
- Non-pyrogenic, nuclease-free, low extractables and surfactant-free
- Endotoxin Level <0.25 EU/mL
- Extreme-low protein binding <1.5% (PES)
- Superior flow rates compared to most competitive products
- Excellent throughput, for faster filtration and more process volume
- Selectable detachable filling bell - prevent splashing & contamination

Applications

- Sterile filtration--0.22µm membranes
- Clarification for liquids
- Inline filter



Ordering Information

ITEM	DESCRIPTION	PCS PER BOX
Bell-shaped Pressure Filtration Unit		
BLF-PES5010SB	50mm Bell-shaped Pressure Filtration Unit, no GF Prefilter, 0.1µm Pore size, PES media, Gamma Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES5022SB	50mm Bell-shaped Pressure Filtration Unit, no GF Prefilter, 0.22µm Pore size, PES media, Gamma Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES5045SB	50mm Bell-shaped Pressure Filtration Unit, no GF Prefilter, 0.45µm Pore size, PES media, Gamma Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES50100SB	50mm Bell-shaped Pressure Filtration Unit, no GF Prefilter, 1µm Pore size, PES media, Gamma Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES5010SGB	50mm Bell-shaped Pressure Filtration Unit, GF Prefilter, 0.1µm Pore size, PES media, Gamma Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES5022SGB	50mm Bell-shaped Pressure Filtration Unit, GF Prefilter, 0.22µm Pore size, PES media, Gamma Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES5045SGB	50mm Bell-shaped Pressure Filtration Unit, GF Prefilter, 0.45µm Pore size, PES media, Gamma Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES50100SGB	50mm Bell-shaped Pressure Filtration Unit, GF Prefilter, 1µm Pore size, PES media, Gamma Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES5010NB	50mm Bell-shaped Pressure Filtration Unit, no GF Prefilter, 0.1µm Pore size, PES media, no Sterile, Inlet: 1/12 in.MNPT Outlet: Stepped Hose Barb	10

Ordering Information

ITEM	DESCRIPTION	PCS PER BOX
Bell-shaped Pressure Filtration Unit		
BLF-PES5022NB	50mm Bell-shaped Pressure Filtration Unit, no GF Prefilter, 0.22µm Pore size, PES media, no Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES5045NB	50mm Bell-shaped Pressure Filtration Unit, no GF Prefilter, 0.45µm Pore size, PES media, no Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES50100NB	50mm Bell-shaped Pressure Filtration Unit, no GF Prefilter, 1µm Pore size, PES media, no Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES5010NGB	50mm Bell-shaped Pressure Filtration Unit, GF Prefilter, 0.1µm Pore size, PES media, no Sterile, Inlet: 1/13 in.MNPT Outlet: Stepped Hose Barb	10
BLF-PES5022NGB	50mm Bell-shaped Pressure Filtration Unit, GF Prefilter, 0.22µm Pore size, PES media, no Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES5045NGB	50mm Bell-shaped Pressure Filtration Unit, GF Prefilter, 0.45µm Pore size, PES media, no Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10
BLF-PES50100NGB	50mm Bell-shaped Pressure Filtration Unit, GF Prefilter, 1µm Pore size, PES media, no Sterile, 1/4-1/2" (7-13mm) stepped hose barb	10



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