



50mm Syringe Filter

50mm syringe filter is a sterilizing filter for aqueous solutions and venting. It removes microorganisms, particles, precipitates, and undissolved powders larger than nominal pore size, such as 0.22 micron (μm). The 50mm syringe filter is non-pyrogenic and non-toxic. The special construction allows minimal hold-up volume and particle shedding, making this syringe filters ideally suited for the critical needs of the pharmaceutical and biotechnology industries.

Application:

- Small volume liquids
- Sterile venting of small fermenters
- Sterile venting of small containers
- General sterile filtration of gases and air

Features:

- Superior flow rate and high throughputs
- Smart and disposable
- Scalable and reusable
- Good resistance to pressure

Specification:

Materials of construction	Temperature limit
Filter Medium: PTFE or PES for GMP on a polypropylene support Housing: Polypropylene	130°C (266°F) maximum Pressure limit at ambient temperature 60psi (4.1bar)
Dimensions	Connections
Inlet to outlet 45 mm (1.77 in.) Diameter 56.2 mm (2.21in.) Filtration area 17.2 cm ² (2.6 in ²) Pore size 0.22 μm , 0.45 μm , 0.8 μm , 1.2 μm	Outlet : Stepped hose barbs, 6.6 - 11.1mm (1/4 – 3/8in.) diameter Inlet : Stepped hose barbs, 6.6 - 11.1mm (1/4 – 3/8in.) diameter

Product Information

Item	Description	Packing (pcs/pk)
50mm syringe filter, Inlet: Stepped Hose Barb; Outlet: Stepped Hose Barb		
FBS50PTFE022H	Pore: 0.22 μm	Diameter: 50mm 25
FBS50PTFE045H	Pore: 0.45 μm	Diameter: 50mm 25
FBS50PTFE022HS	Pore: 0.22 μm	Sterile, Diameter: 50mm 25
FBS50PTFE045HS	Pore: 0.45 μm	Sterile, Diameter: 50mm 25
FBS50PES022	Pore: 0.22 μm	Diameter: 50mm 25

FBS50PES045	Pore:0.45µm	Diameter: 50mm	25
FBS50PES022S	Pore: 0.22µm	Sterile, Diameter: 50mm	25
FBS50PES045S	Pore:0.45µm	Sterile, Diameter: 50mm	25
FBS50NY022	Pore: 0.22µm	Diameter: 50mm	25
FBS50NY045	Pore:0.45µm	Diameter: 50mm	25
FBS50NY022S	Pore: 0.22µm	Sterile, Diameter: 50mm	25
FBS50NY045S	Pore:0.45µm	Sterile, Diameter: 50mm	25
FBS50PVDF022H	Pore: 0.22µm	Diameter: 50mm	25
FBS50PVDF045H	Pore:0.45µm	Diameter: 50mm	25
FBS50PVDF022HS	Pore: 0.22µm	Sterile, Diameter: 50mm	25
FBS50PVDF045HS	Pore:0.45µm	Sterile, Diameter: 50mm	25