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**50mm Syringe Filter** 50mm syringe filter, Inlet: Stepped Hose Barb; Outlet: Stepped Hose Barb

### 50mm Syringe Filter



#### 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

## Details

### 50mm Syringe Filter

FilterBio 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.

#### Specification:

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



## 50mm Syringe Filter



### Product Information

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