

## Syringe Filter

Syringe Filters are syringe-operated filters for the clarification of aqueous solutions (column eluates, tissue culture additives, HPLC samples, etc.). It is further to do the beautification appearance on general syringe filters basis and containing high quality membrane materials to make your experiment performance more perfect. Its design of color coding, make the products more beautiful and innovative. The Classic range is available in all of the major membranes including Nylon, PTFE, PVDF, CA and PES, which are supplied in 13mm, 25mm, 30mm formats in polypropylene housings.

### Features:

**Color coding:** Easier to tell the filter membrane

**Better membrane media:** Improved membrane flow rates

**Application Compatibility:** Broad range of filtration media meets diverse application needs and best for chromatography application

**Sterile:** Filters can be purchased pre-sterilized by Gamma radiation and individually packaged

### Validated HPLC Performance

HPLC certification which guarantees the filters will not produce extraneous peaks in the UV range.

100% integrity tested with higher burst strength ratings assuring they will perform consistently.

Available in 13 and 25mm sizes and available in sterile, too.

0.45µm for most clarification applications and 0.22µm when fine particulate removal is required. Other pore size are available in 0.8µm to 5µm.

### Technical specifications

Parameters	13mm	25mm	30mm
Effective Filtration Area(cm <sup>2</sup> )	1.09	4.08	5.39
Maximum Pressure	87psi (6.0 bar) at 20 °C	87psi (6.0 bar) at 20 °C	87psi (6.0 bar) at 20 °C
Maximum Operating Temperature	50 °C	50 °C	50 °C
Materials of Construction	Housing: Polypropylene	Housing: Polypropylene	Housing: Polypropylene
Filtration Media	As specified		
Holdup volume (µl)	<25	<100	<200
Sample volume (ml)	<10	<100	<200
Connectors	Inlet: Female Luer Lock Outlet: Male Slip Luer	Inlet: Female Luer Lock Outlet: Male Slip Luer	Inlet: Female Luer Lock Outlet: Male Slip Luer
Flow Direction	Inlet: Female Luer Lock Outlet: Male Slip Luer (MSL)	Inlet: Female Luer Lock Outlet: Male Slip Luer	Inlet: Female Luer Lock Outlet: Male Slip Luer

### Application

HPLC sample preparation

Routine QC analysis

Content uniformity

Removal of protein precipitate

Dissolution testing

Food analysis

Bioscience analysis

Environmental samples

## Product Information

Item	Description	Packaging (pcs/pk)
<b>Nylon66 Syringe Filter (Blue )</b>		
FBS13NY022	Pore:0.22µm Diameter: 13mm	100
FBS13NY045	Pore:0.45µm Diameter: 13mm	100
FBS25NY022	Pore:0.22µm Diameter: 25mm	100
FBS25NY045	Pore:0.45µm Diameter: 25mm	100
FBS30NY022	Pore:0.22µm Diameter: 30mm	100
FBS30NY045	Pore:0.45µm Diameter: 30mm	100
<b>PTFE Syringe Filter (Hydrophobic)</b>		
FBS13PTFE022H	Pore:0.22µm Diameter: 13mm	100
FBS13PTFE045H	Pore:0.45µm Diameter: 13mm	100
FBS25PTFE022H	Pore:0.22µm Diameter: 25mm	100
FBS25PTFE045H	Pore:0.45µm Diameter: 25mm	100
FBS30PTFE022H	Pore:0.22µm Diameter: 30mm	100
FBS30PTFE045H	Pore:0.45µm Diameter: 30mm	100
<b>PTFE Syringe Filter (Hydrophilic)</b>		
FBS13PTFE022L	Pore:0.22µm Diameter: 13mm	100
FBS13PTFE045L	Pore:0.45µm Diameter: 13mm	100
FBS25PTFE022L	Pore:0.22µm Diameter: 25mm	100
FBS25PTFE045L	Pore:0.45µm Diameter: 25mm	100
FBS30PTFE022L	Pore:0.22µm Diameter: 30mm	100
FBS30PTFE045L	Pore:0.45µm Diameter: 30mm	100
<b>PES Syringe Filter (Light Green)</b>		
FBS13PES022	Pore:0.22µm Diameter: 13mm	100
FBS13PES045	Pore:0.45µm Diameter: 13mm	100
FBS25PES022	Pore:0.22µm Diameter: 25mm	100
FBS25PES045	Pore:0.45µm Diameter: 25mm	100
FBS30PES022	Pore:0.22µm Diameter: 30mm	100
FBS30PES045	Pore:0.45µm Diameter: 30mm	100
<b>PVDF Syringe Filter (Hydrophobic)</b>		
FBS13PVDF022H	Pore:0.22µm Diameter: 13mm	100
FBS13PVDF045H	Pore:0.45µm Diameter: 13mm	100
FBS25PVDF022H	Pore:0.22µm Diameter: 25mm	100
FBS25PVDF045H	Pore:0.45µm Diameter: 25mm	100
FBS30PVDF022H	Pore:0.22µm Diameter: 30mm	100
FBS30PVDF045H	Pore:0.45µm Diameter: 30mm	100

<b>PVDF Syringe Filter (Hydrophilic)</b>			
FBS13PVDF022L	Pore:0.22µm	Diameter: 13mm	100
FBS13PVDF045L	Pore:0.45µm	Diameter: 13mm	100
FBS25PVDF022L	Pore:0.22µm	Diameter: 25mm	100
FBS25PVDF045L	Pore:0.45µm	Diameter: 25mm	100
FBS30PVDF022L	Pore:0.22µm	Diameter: 30mm	100
FBS30PVDF045L	Pore:0.45µm	Diameter: 30mm	100
<b>CA Syringe Filter (Cellulose Acetate )</b>			
FBS13CA022	Pore:0.22µm	Diameter: 13mm	100
FBS13CA045	Pore:0.45µm	Diameter: 13mm	100
FBS25CA022	Pore:0.22µm	Diameter: 25mm	100
FBS25CA045	Pore:0.45µm	Diameter: 25mm	100
FBS30CA022	Pore:0.22µm	Diameter: 30mm	100
FBS30CA045	Pore:0.45µm	Diameter: 30mm	100
<b>MCE Syringe Filter (Dark Green)</b>			
FBS13MCE022	Pore:0.22µm	Diameter: 13mm	100
FBS13MCE045	Pore:0.45µm	Diameter: 13mm	100
FBS25MCE022	Pore:0.22µm	Diameter: 25mm	100
FBS25MCE045	Pore:0.45µm	Diameter: 25mm	100
FBS30MCE022	Pore:0.22µm	Diameter: 30mm	100
FBS30MCE045	Pore:0.45µm	Diameter: 30mm	100
<b>PP Syringe Filter (Polypropylene)</b>			
FBS13PP022	Pore:0.22µm	Diameter: 13mm	100
FBS13PP045	Pore:0.45µm	Diameter: 13mm	100
FBS25PP022	Pore:0.22µm	Diameter: 25mm	100
FBS25PP045	Pore:0.45µm	Diameter: 25mm	100
FBS30PP022	Pore:0.22µm	Diameter: 30mm	100
FBS30PP045	Pore:0.45µm	Diameter: 30mm	100
<b>GF Syringe Filter (Glass Fiber)</b>			
FBS13GF070	Pore:0.7µm	Diameter: 13mm	100
FBS13GF120	Pore:1.2µm	Diameter: 13mm	100
FBS25GF070	Pore:0.7µm	Diameter: 25mm	100
FBS25GF120	Pore:1.2µm	Diameter: 25mm	100
FBS30GF070	Pore:0.7µm	Diameter: 30mm	100
FBS30GF120	Pore:1.2µm	Diameter: 30mm	100
<b>RC syringe filter(Regenerate Cellulose)</b>			
FBS13RC022	Pore:0.22µm	Diameter: 13mm	100
FBS13RC45	Pore:0.45µm	Diameter: 13mm	100
FBS25RC022	Pore:0.22µm	Diameter: 25mm	100
FBS25RC045	Pore:0.45µm	Diameter: 25mm	100