



Syringe Filter PTFE

The membrane has two different properties. Hydrophobic and hydrophilic. The Hydrophobic membrane is chemically resistant to all solvents, acids and bases. The membrane is very low in extractables

Description

The Hydrophobic membrane is chemically resistant to all solvents, acids and bases. The membrane is very low in extractables and has an excellent thermal stability.

The hydrophilic membrane is compatible with water solution.

It is imported from some leading company who is well known in producing membrane. PTFE syringe filter has 3 kinds of diameters, 13mm, 25mm and 30mm.

It is cut into some disc membrane that guarantee exceptional integrity when filtering some sample. Then through non-gap sealing, virgin medical PP material is placed to contain all the disc membrane.

It has superior performance to prevent leak of sample solvent and can promise membrane area being used in a large filtration area.

Technical specifications

Description

Parameters	25mm		
Effective Filtration Area(cm ²)	4.08	Holdup volume (μl)	<100
Maximum Pressure	87psi (6.0 bar) at 20 °C	Sample volume (ml)	<100
Maximum Operating Temperature	50 °C	Connectors	Inlet: Female Luer Lock
			Outlet: Male Slip Luer

Materials of Construction	Housing: Polypropylene	Flow Direction	Inlet: Female Luer Lock
			Outlet: Male Slip Luer
Filtration Media	As specified		

Diameter	13mm	25mm	30mm
PH	2.0-13	2.0-13	2.0-13
Maximum Pressure	100psi	100psi	100psi
Holdup volume(ul)	< 10	< 100	< 200
	Description	Packaging	
Item		(pcs/pk)	
PTFE Syringe Filter (Hydrophobic)			
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
PTFE Syringe Filter (Hydrophilic)			
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