



Hydrophilic GF Syringe Filters Non-sterile

Specifications

Connections	Inlet	Female Luer Lock	
	Outlet	Male Luer Slip	
Materials	Housing	PP	
	Membrane	Glass Fiber	
	Wettability	Hydrophilic	
Physical Properties	Pore Size	0.22µm, 0.45µm, 1.0µm	
	Filter Diameter	13mm	25mm
	Filtration Area	0.72cm ²	3.4cm ²
	Maximum Operating Pressure	6bar	3bar
	pH Range	2.0 – 11.0	
Sterility	Delivery Condition	Nonsterile	
	Sterilization Method	Not Recommended	
Package	Pack Size	100pcs	
	Packaging	Bulk packed	

Features

- High dirt holding capacity
- High throughputs
- Excellent chemical compatibility

Applications

- Clarification of environmental, industrial and wastewater samples

- Filtration of viscous solutions
- Prefiltration of viscous serums and tissue media samples before analysis
- Prefiltration of cell media separations
- Filtration of aggressive solvents and reagents

Select by Volume

Sample Volume	Filter Diameter	Filtration Area	Hold-up Volume
< 10mL	13mm	0.72 cm ²	< 25µl
10mL to 100mL	25mm	3.4 cm ²	<100µl
100mL to 200mL	33mm	4.5 cm ²	< 125µl

How to use a syringe filter?

Choose the right type of membrane material based on the properties of your sample. Be careful of the chemical compatibility to avoid extractables and leachables. Read this article about [How to choose a syringe filter](#).

1. Load the sample into the syringe.
2. Attach the filter to the luer-lock of the syringe with a twisting motion. Make sure it is securely attached.
3. Filter the sample. Hold the syringe and filter vertically, and gently press the plunger to push the sample through the filter. Take care not to apply too much force or you may damage the filter.
4. Discard the used filter and repeat for the next sample.

How to use a syringe filter?

