Hydrophilic Nylon Syringe Filters Non-sterile HPLC-certified 100pcs

Specifications

Connections	Inlet	Female Luer Lock	
	Outlet	Male Luer Slip	
Materials	Housing	Polypropylene	
	Membrane	Nylon66	
	Wettability	Hydrophilic	
Physical Properties	Pore Size	0.2 μm, 0.45 μm	
	Filter Diameter	13mm	25mm
	Filtration Area	0.72cm²	3.4cm²
	Maximum Operating Pressure	6bar	3bar
	pH Range	3.0 – 14.0	
	Delivery Condition	Nonsterile	
Sterility	Sterilization Method	Gamma Irradiation	
	Pack Size	100pcs	
Package	Packaging	Bulk packed	

Features

- Compatible with both aqueous(non-acidic) and organic solutions
- Broad chemical compatibility and flexibility
- Low extractables or leachables
- High protein binding
- High mechanical stability

- High dirt loading capability
- HPLC, GC, or dissolution sample analysis
- HPLC certified for low UV extractables

Applications

- Clarification or sterilization of aqueous and organic solutions
- Mixed solvent filtration and solvent filtration
- Filtration of aqueous biological solutions, alcohols and organic solvents by HPLC/GC

Select by Volume

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

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.