25mm 0.45µm Hydrophobic MCE Syringe Filters – Lab Grade, 100 PCS, 3-Year Shelf Life

Our Product Introduction

Basic Information

- Place of Origin: China
- Certification: CE ISO
- Model Number: 0.45µm 25mm
- Minimum Order Quantity: 100,000pcs
- Delivery Time: Within 15 working days after confirming the order
- Payment Terms: L/C,D/P,T/T

Product Specification

- Model NO.:   Sryinge Filter
- Outer Diameter: 25mm
- Pore Size: 0.45µm
- Media Material: MCE
- Transport Package: 100PCS Epr Box, 50box Per Carton
- Specification: Regular Size + Custom Service
- HS Code: 8421299090
- Production Capacity: 5000000pcs/month
- Customization: Available | Customized Request

More Images

Product Description

SKU	Material	Color	Diameter (mm)	Pore Size (µm)	Packaging	Shelf Life
HN25001	PES	Blue	13	0.45	100pcs/pack	3 years
HN25002	PES	Yellow	13	0.22	100pcs/pack	3 years
HN25003	Nylon	White	13	0.45	100pcs/pack	3 years
HN25004	Nylon	Green	13	0.22	100pcs/pack	3 years
HN25005	Hydrophobic PTFE	Orange	13	0.45	100pcs/pack	3 years
HN25006	Hydrophobic PTFE	Purple	13	0.22	100pcs/pack	3 years
HN25007	Hydrophobic PVDF	Red	13	0.45	100pcs/pack	3 years
HN25008	Hydrophobic PVDF	Black	13	0.22	100pcs/pack	3 years
HN25009	PES	Blue	25	0.45	100pcs/pack	3 years
HN25010	PES	Yellow	25	0.22	100pcs/pack	3 years
HN25011	Nylon	White	25	0.45	100pcs/pack	3 years
HN25012	Nylon	Green	25	0.22	100pcs/pack	3 years
HN25013	Hydrophobic PTFE	Orange	25	0.45	100pcs/pack	3 years
HN25014	Hydrophobic PTFE	Purple	25	0.22	100pcs/pack	3 years
HN25015	Hydrophobic PVDF	Red	25	0.45	100pcs/pack	3 years
HN25016	Hydrophobic PVDF	Black	25	0.22	100pcs/pack	3 years
HN25017	PP	Light blue	13	0.45	100pcs/pack	3 years
HN25018	PP	Dark green	13	0.22	100pcs/pack	3 years
HN25019	PP	Light blue	25	0.45	100pcs/pack	3 years
HN25020	PP	Dark green	25	0.22	100pcs/pack	3 years
HN25021	Medium-speed filter paper	-	25	-	100pcs/pack	3 years
HN25022	MCE	White	25	0.8	100pcs/pack	3 years
HN25023	MCE	White	13	0.45	100pcs/pack	3 years
HN25024	MCE	White	13	0.22	100pcs/pack	3 years

Material Characteristics

- **Polyethersulfone (PES)**: Hydrophilic membrane with high flow rate, high flux, low protein adsorption rate and low elution. It is used to remove fine particles, bacteria, viruses and fungi from aqueous solutions. Generally, it can withstand a pH range of 3 - 12.

- **Nylon**: It has good chemical stability, flexibility, is durable and not easy to tear. It can withstand autoclaving at 121°C and is suitable for filtering aqueous solutions and most organic solvents, such as water filtration in electronics, microelectronics and semiconductor industries, tissue culture medium filtration, pharmaceutical solution filtration, beverage filtration and high - purity chemical product filtration. Generally, it can withstand a pH range of 3 - 14.

- **Hydrophobic PTFE**: It has the broadest solvent compatibility, excellent particle retention performance, and can withstand various sterilization conditions. It is suitable for both liquid and gas filtration. Generally, it can withstand a pH range of 1 - 14.

- **Hydrophobic PVDF**: The membrane has high mechanical strength and high tensile strength, with good heat resistance and chemical stability. However, it is not resistant to solvents such as DMSO, THF, etc. It is suitable for gas and steam filtration, as well as filtration of high - temperature liquids. Generally, it can withstand a pH range of 2 - 13.

- **Polypropylene (PP)**: It has high impact resistance, strong mechanical properties and is resistant to a variety of organic solvents and acid - base corrosion. Except for being corroded by concentrated sulfuric acid and concentrated nitric acid, it is relatively stable to other chemical reagents.

- **Medium - speed filter paper**: It is used for the detection of metal ions after urine filtration.

- **Mixed Cellulose Ester (MCE)**: It has good hydrophilicity, high porosity and high filtration speed. It is mainly used for: 1) Sterile filtration in aqueous solutions; 2) Sterile filtration of culture media and nutrient solutions.

MCE 0.45μm