

PVDF Syringe Filters, 1.0 μm , 25mm

(Luer-Lok/Luer Slip, Nonsterile, 100/pack, Store at RT)

CATALOG #:	M4499-100
QUANTITY:	100 per pack
HOUSING MATERIAL:	Polypropylene
FILTRATION AREA (CM²):	4.08
WETTABILITY:	Hydrophobic
MAXIMUM OPERATING TEMPERATURE:	100°C
FLOW RATE (ml/min@10psi)	35
BURST PRESSURE (psi):	87
HOLDUP VOLUME:	100
VOLUME THROUGHPUT (ml):	100
STERILIZATION:	Autoclave: 121 degrees Celsius for 30 minutes, Gamma: 5kg, for 8 hours
STORAGE CONDITION:	Room Temperature

DESCRIPTION: PVDF (Polyvinylidene fluoride) syringe filters are engineered specifically for use with aqueous solutions. In addition, they are suitable for minimal protein-binding; which increases the purification of non-aggressive aqueous and mild organic solutions, for applications where protein restoration is essential. Hydrophilic PVDF syringe filters are typically used for general filtration applications (both aqueous and organic), aggressive solvent filtration, sterilizing filtration of biological solutions, and HPLC sample preparation. They are characterized by high strength and porosity, a high flow rate, and low extractable. In addition, they possess broad chemical stability, provide low protein and drug binding, and offer excellent heat resistance.



PVDF Syringe Filter, Nonsterile

RELATED PRODUCTS:

- Cellulose Acetate Syringe Filters (Cat# M4216-M4234)
- Glass Fiber Syringe Filters (Cat# M4238-M4248)
- Nylon Syringe Filters (Cat# M4268-M4301)
- PES Syringe Filters (Cat# M4322- M4349)
- Polypropylene Syringe Filters (Cat# M4363- M4384)
- PTFE Syringe Filters (Cat# M4416-M4468)
- PVDF Syringe Filters (Cat# M4483- M4513)

FOR RESEARCH USE ONLY! Not to be used on humans.