

# PTFE Syringe Filters, 5 $\mu$ m, 13mm

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

<b>CATALOG #:</b>	M4454-100
<b>QUANTITY:</b>	100 per pack
<b>HOUSING MATERIAL:</b>	Polypropylene
<b>FILTRATION AREA (CM<sup>2</sup>):</b>	1.09
<b>WETTABILITY:</b>	Hydrophobic
<b>MAXIMUM OPERATING TEMPERATURE:</b>	130°C
<b>FLOW RATE (ml/min@10psi)</b>	<b>80</b>
<b>BURST PRESSURE (psi):</b>	87
<b>HOLDUP VOLUME:</b>	20
<b>VOLUME THROUGHPUT (ml):</b>	10
<b>STERILIZATION:</b>	Autoclave: 121 degrees Celsius for 30 minutes, Gamma: 5kg, for 8 hours
<b>STORAGE CONDITION:</b>	Room Temperature

**DESCRIPTION:** PTFE Syringe filters provide broad chemical compatibility, as well as strong chemical stability and inertia and strong hydrophobicity. These filters are designed with a Female Luer-Lok inlet and and Male Luer Slip outlets. Some PTFE Syringe filters can be sterilized and individually wrapped, and certified as RNase-free, Dnase-free, DNA-free with Non-phylogenetic. Because of these features, PTFE Syringe filters are very versatile, proving to be effective for applications such as alkali filtration, strong acid solvent filtration, and organic solvent with strong chemical causticity filtration.



PTFE 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.**