

## Syringe Filters with Teflon (PTFE) Membrane

Syringe Filters are complete ready-to-use filter units with a polytetrafluoroethylene (PTFE) membrane.

The Teflon membrane is used for the filtration of harsh chemicals, including acids and non-aqueous solvents, as well as for the preparation of GC and HPLC samples.

Since it has low resistance to gaseous compounds, the membrane is also used for air and gas filtration (aeration and ventilation activity).

The PTFE membrane is inert and hydrophobic, but, by wetting it with ethanol, it can be used as a hydrophilic support.

Available in different diameters and porosities.

PP casing.

**Available on request with hydrophilic PTFE membrane.**



### Technical data

Diameter	13mm	25mm	30mm
Filtration area	1.09 cm <sup>2</sup>	4.08 cm <sup>2</sup>	5.39 cm <sup>2</sup>
Sample volume	< 30 ml	< 100 ml	< 200 ml
Residual volume	< 10 µL	< 25 µL	< 35 µL
Max pressure		75 psi	
Max temperature		50 °C	

Material:

- PP injection molding (excluding GF)
- PP Ultrasonic welding (including GF)

Sterilization: Gamma rays

Inlet: Female Luer Lock

Output: Male Luer slip

Code	Description	Diam.mm	Porosity um	Sterile in single package	Inlet-outlet connection	Pieces per pack.
62154201	Filter for syringes with PTFE membrane diam 13 mm, order' 0.2 um	13	0.2	no	LLF-LSM	100
62154451	Syringe filters with PTFE diaphragm diameter 13 mm, porosity 0.45 um	13	0.45	no	LLF-LSM	100

Code	Description	Diam.mm	Porosity um	Sterile in single package	Inlet-outlet connection	Pieces per pack.
62254201	Syringe filters with PTFE membrane diameter 25 mm, porosity 0.2 um	25	0.2	no	LLF-LSM	100
62254451	Syringe filters with PTFE membrane diameter 25 mm, porosity 0.45 um	25	0.45	no	LLF-LSM	100
62304201	Syringe filters with PTFE diaphragm diameter 30 mm, porosity 0.2 um	30	0.2	no	LLF-LSM	50
62304451	Syringe filters with PTFE diaphragm diameter 30 mm, porosity 0.45 um	30	0.45	no	LLF-LSM	50