

Syringe Filter

With a wide range of membranes, pore sizes, housing diameters, and both sterile and non sterile versions, the new syringe filters make it easy to select the optimum filter whatever your application.

- High sample throughput
- Non sterile and Sterile optional
- Medical Grade Polypropylene housing



Membrane properties

Membrane	Protein binding	Hydrophilic/hydrophobic	Chemical resistance	Applications
Hydrophilic PTFE	Low	Hydrophilic	High	Purification of HPLC organic and solvent /aqueous solutions
PES	Low	Hydrophilic	Low/medium	Purification of tissue culture solutions, buffers
PVDF	Low	Hydrophilic	Medium	Filtration of protein solutions
Hydrophobic PTFE	Low	Hydrophobic	High	Filtration of solvents
Nylon	Medium	Hydrophilic	Medium	Filtration of aqueous and solvent /aqueous mixtures

Ordering information

Cat. No	Membrane material	Diameter, mm	Pore size, μm	Sterile	Pack qty
TNL1320	Nylon	13	0.2	No	100
TNL1345	Nylon	13	0.45	No	100
TNL2520	Nylon	25	0.2	No	100
TNL2545	Nylon	25	0.45	No	100
TPT1320	Hydrophilic PTFE	13	0.2	No	100
TPT1345	Hydrophilic PTFE	13	0.45	No	100
TPT2520	Hydrophilic PTFE	25	0.2	No	100
TPT2545	Hydrophilic PTFE	25	0.45	No	100

Technical Information

Diameter	13 mm	25 mm
Housing	Polypropylene, pigment free	Polypropylene, pigment free
Filtration area	0.78 cm ²	3.8 cm ²
Maximum Pressure	100 psi	80 psi
Dead Volume excluding air	30 ul (approx)	100 ul (approx)
Inlet connection	Female luer lock	Female luer lock
Outlet connection	Male luer sliding joint	Male luer sliding joint

