

# Syringe Filter



## Features

- 13 and 25 mm diameter syringe filters
- Pigment-free polypropylene housing
- Prefiltration stack of 1  $\mu\text{m}$  GF glass microfiber media for 25mm
- Prefiltration stack of 1  $\mu\text{m}$  Polypropylene fiber media for 13mm
- Sterilized options
- Construction facilitates exceptional loading capacity with fast flow rates.
- Pore size : 0.2 $\mu\text{m}$  and 0.45 $\mu\text{m}$

## Membrane :

- Nylon
- Polyether sulfone (PES)
- Polyvinylidene fluoride (PVDF)
- Polytetrafluoroethylene (PTFE)
- Cellulose acetate (CA)
- Mixed Cellulose (MCE)

## Technical Specification

Diameter	13 mm	25 mm
Housing	Medical Grade Polypropylene, Pigment free	Medical Grade Polypropylene, Pigment free
Filtration area	0.78 $\text{cm}^2$	3.8 $\text{cm}^2$
Maximum pressure	100 psi	80 psi
Dead Volume excluding air	30 $\mu\text{l}$ (approx)	100 $\mu\text{l}$ (approx)
Inlet connection	Female luer lock	Female luer lock
Outlet connection	Male luer sliding joint	Male luer sliding joint
Sterilization	Gamma ray	Gamma ray
Prefiltration media	Polypropylene fiber	Glass Fiber

## Ordering Information

### Syringe Filter 13mm with 1 $\mu\text{m}$ PP Fiber Prefilter

Descriptions	Non - Sterilized Pk/100	Sterilized Pk/100
Nylon Syringe Filter 13 mm 0.2 $\mu\text{m}$	TNL1320	TNLS1320
Nylon Syringe Filter 13 mm 0.45 $\mu\text{m}$	TNL1345	TNLS1345
MCE Syringe Filter 13 mm 0.2 $\mu\text{m}$	TMC1320	TMCS1320
MCE Syringe Filter 13 mm 0.45 $\mu\text{m}$	TMC1345	TMCS1345
PVDF Syringe Filter 13 mm 0.2 $\mu\text{m}$	TPV1320	TPVS1320
PVDF Syringe Filter 13 mm 0.45 $\mu\text{m}$	TPV1345	TPVS1345
CA Syringe Filter 13 mm 0.2 $\mu\text{m}$	TCA1320	TCAS1320
CA Syringe Filter 13 mm 0.45 $\mu\text{m}$	TCA1345	TCAS1345
PES Syringe Filter 13 mm 0.2 $\mu\text{m}$	TPE1320	TPES1320
PES Syringe Filter 13 mm 0.45 $\mu\text{m}$	TPE1345	TPES1345
PTFE Syringe Filter 13 mm 0.2 $\mu\text{m}$	TPT1320	TPTS1320
PTFE Syringe Filter 13 mm 0.45 $\mu\text{m}$	TPT1345	TPTS1345

### Syringe Filter 25mm with 1 $\mu\text{m}$ Glass Fiber Prefilter

Descriptions	Non - Sterilized Pk/100	Sterilized Pk/40
Nylon Syringe Filter 25 mm 0.2 $\mu\text{m}$	TNL2520	TNLS2520
Nylon Syringe Filter 25 mm 0.45 $\mu\text{m}$	TNL2545	TNLS2545
MCE Syringe Filter 25 mm 0.2 $\mu\text{m}$	TMC2520	TMCS2520
MCE Syringe Filter 25 mm 0.45 $\mu\text{m}$	TMC2545	TMCS2545
PVDF Syringe Filter 25 mm 0.2 $\mu\text{m}$	TPV2520	TPVS2520
PVDF Syringe Filter 25 mm 0.45 $\mu\text{m}$	TPV2545	TPVS2545
CA Syringe Filter 25 mm 0.2 $\mu\text{m}$	TCA2520	TCAS2520
CA Syringe Filter 25 mm 0.45 $\mu\text{m}$	TCA2545	TCAS2545
PES Syringe Filter 25 mm 0.2 $\mu\text{m}$	TPT2520	TPES2520
PES Syringe Filter 25 mm 0.45 $\mu\text{m}$	TPT2545	TPES2545
PTFE Syringe Filter 25 mm 0.2 $\mu\text{m}$	TPE2520	TPTS2520
PTFE Syringe Filter 25 mm 0.45 $\mu\text{m}$	TPE2545	TPTS2545