



Bestfil™ Syringe filter

Introduction

Bestfil™ filters are manufactured in a controlled environment using an automated process. Human hands never touch the filter during assembly. The filter are well packed, with competitive price filters. The membranes range from Nylon, CA, PES, PTFE, PVDF, RC, which are supplied in 4mm, 13mm, 25mm and 33mm.

Feature

Faster flow rate

The larger filter surface area increases flow rate and throughput. It also makes it easier to filter solutions because it reduces the pressure required to empty the syringe.

Higher operating pressure

Bestfil™ have a maximum housing pressure of 10.5 bar (150 psig), which means you can filter solutions faster than before.

Color-coded

The color-coded band on the *Bestfil™* housing clearly indicates which membrane is inside.





Applications

- HPLC, UHPLC, IC, GC, Dissolution testing,
- Clarification of water, buffers or aqueous solutions
- Biological Samples
- Food analysis
- Environmental samples and more

Specifications

Housing Material	PVC
Inlet Fittings	Female Luer-Lok®
Outlet Fittings	Male Luer slip
Filtration Area	0.5~4.6 cm ²
Hold-up Volume	5~55 µL
Maximum Inlet Pressure, bar (psi)	10.5 bar (150 psi)
Maximum Operating Temperature	>87

Membrane Filter Specification Chart

Membrane	Pore Size Range (µm)	Diameter Range (mm)
CA(Cellulose Acetate)	0.22,0.45	4,25, 33
PES(Polyethersulfone)	0.22,0.45	4,25, 33
Hydrophilic PTFE	0.22,0.45	4,25, 33
Hydrophobic PTFE	0.22,0.45	4,25, 33
Nylon(polyamide)	0.22 /0.45	4,25, 33
Hydrophobic PVDF	0.22,0.45	4,25, 33
Hydrophilic PVDF	0.22,0.45	4,25, 33
RC	0.22,0.45	4,25, 33





Order Information

13mm syringe filters

Part No.	Membrane	Pore Size(μm)	Diameter (mm)	Packing (pcs/pk)	Online Price (USD/pk)
S13NY022T	Nylon	0.22	13	100	ask for quote
S13NY045T		0.45	13	100	ask for quote
S13PTB022T	Hydrophobic PTFE	0.22	13	100	ask for quote
S13PTB045T		0.45	13	100	ask for quote
S13PTL022T	Hydrophilic PTFE	0.22	13	100	ask for quote
S13PTL045T		0.45	13	100	ask for quote
S13PES022T	PES	0.22	13	100	ask for quote
S13PES045T		0.45	13	100	ask for quote
S13PVB022T	Hydrophobic PVDF	0.22	13	100	ask for quote
S13PVB045T		0.45	13	100	ask for quote
S13PVL022T	Hydrophilic PVDF	0.22	13	100	ask for quote
S13PVL045T		0.45	13	100	ask for quote
S13CA022T	CA	0.22	13	100	ask for quote
S13CA045T		0.45	13	100	ask for quote
S13RC022T	Regenerated	0.22	13	100	ask for quote
S13RC045T	Cellulose(RC)	0.45	13	100	ask for quote

25mm syringe filters

Part No.	Membrane	Pore Size(μm)	Diameter(mm)	Packing (pcs/pk)	Online Price (USD/pk)
S25NY022T	Nylon	0.22	25	100	ask for quote
S25NY045T		0.45	25	100	ask for quote
S25PTB022T	Hydrophobic PTFE	0.22	25	100	ask for quote
S25PTB045T		0.45	25	100	ask for quote
S25PTL022T	Hydrophilic PTFE	0.22	25	100	ask for quote
S25PTL045T		0.45	25	100	ask for quote
S25PES022T	PES	0.22	25	100	ask for quote
S25PES045T		0.45	25	100	ask for quote
S25PVB022T	Hydrophobic PVDF	0.22	25	100	ask for quote
S25PVB045T		0.45	25	100	ask for quote





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S25PVL022T	Hydrophilic PVDF	0.22	25	100	ask for quote
S25PVL045T		0.45	25	100	ask for quote
S25CA022T	CA	0.22	25	100	ask for quote
S25CA045T		0.45	25	100	ask for quote
S25RC022T	RC	0.22	25	100	ask for quote
S25RC045T		0.45	25	100	ask for quote

Note: More Pore Sizes are available.

General Questions, Please contact info@microlabscientific.com

Technique Questions, Please contact jack@microlabscientific.com

