

Filter Series

Bestfil™ Syringe Filter



Introduction

- ▶ **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 10bar (145 psi), 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.

Application

- ▶ HPLC sample preparation.
- ▶ Biological solutions filtration.
- ▶ General particulate removal.
- ▶ Removal of protein precipitates.

Technical Specification

Filter Media	Nylon/CA/GF/PES/PTFE/RC/MCE Hydrophilic PTFE/Hydrophilic PVDF		
Pore Size	0.1µm, 0.22µm, 0.45µm, 1.0µm, 3.0µm, 5.0µm		
Connections	Inlet:Female Luer Lock Outlet:Male Luer Slip		
Housing	MBS	Diameter	33mm
Sealing Technology	Injection molding	Filtration Area	4.7cm ²
Holdup Volume(µl)	<200	Sample Volume(ml)	<200
Maximum Operating Temperature(°C)	50	Max. Operation Pressure	87psi (6.0 bar) at 20

Order Information

Pore Size	Nylon	CA	PTFE	Hydrophilic PTFE	PVDF
0.22	S33NY022B	S33CA022B	S33PTB022B	S33PTL022B	S33PVB022B
0.45	S33NY045B	S33CA045B	S33PTB045B	S33PTL045B	S33PVB045B
Hydrophilic PVDF	PES	RC	GF	PP	MCE
S33PVL022B	S33PES022B	S33RC022B	S33GF022B	S33PP022B	S33MCE022B
S33PVL022B	S33PES045B	S33RC045B	S33GF045B	S33PP045B	S33MCE045B

Note: 1. Diameter:33mm;package:100pcs/pk.
2. Other pore size and Filter Media is available.