

Filter Series

Biofil™ Syringe Filter

Lab Filtration



Introduction

- ▶ Three diameters: 4mm, 13mm, 25mm.
- ▶ Ultrasonic welding: bigger effective filtration area than injection molding.
- ▶ Code marked: easy to identify the pore size and filter media.
- ▶ Prefilter design: ideal for high throughput filtration of particle-laden solutions.

Application

- ▶ Chromatography sample preparation.
- ▶ Particle-laden solutions filtration.
- ▶ General particulate removal.

Technical Specification

Filter Media	Nylon/CA/MCE/PES/GF/RC/PP/PTFE /Hydrophilic PTFE/ PVDF/Hydrophilic PVDF		
Housing	PP		
Diameter	4mm	13mm	25mm
Pore Size	0.1µm, 0.22µm, 0.45µm, 1.0µm, 3.0µm, 5.0µm		
Sealing Technology	Ultrasonic welding		
Filtration Area	0.125cm ²	1.09cm ²	4.08cm ²
Inlet/Outlet Connections	Female inlet lock / Male outlet slip		
Max. Operation Pressure	6bar@23°C		

Order Information

	4mm		13mm		25mm	
	0.22µm	0.45µm	0.22µm	0.45µm	0.22µm	0.45µm
Nylon	S04NY022B	S04NY045B	S13NY022B	S13NY045B	S25NY022B	S25NY045B
CA	S04CA022B	S04CA045B	S13CA022B	S13CA045B	S25CA022B	S25CA045B
MCE	S04MCE022B	S04MCE045B	S13MCE022B	S13MCE045B	S25MCE022B	S25MCE045B
PES	S04PES022B	S04PES045B	S13PES022B	S13PES045B	S25PES022B	S25PES045B
PTFE	S04PTB022B	S04PTB045B	S13PTB022B	S13PTB045B	S25PTB022B	S25PTB045B
Hydrophilic PTFE	S04PTL022B	S04PTL045B	S13PTL022B	S13PTL045B	S25PTL022B	S25PTL045B
PVDF	S04PVB022B	S04PVB045B	S13PVB022B	S13PVB045B	S25PVB022B	S25PVB045B
Hydrophilic PVDF	S04PVL022B	S04PVL045B	S13PVL022B	S13PVL045B	S25PVL022B	S25PVL045B
RC	S04RC022B	S04RC045B	S13RC022B	S13RC045B	S25RC022B	S25RC045B
PP	S04PP022B	S04PP045B	S13PP022B	S13PP045B	S25PP022B	S25PP045B
	0.7µm	1.0µm	0.7µm	1.0µm	0.7µm	1.0µm
GF	S04GF070B	S04GF100B	S13GF070B	S13GF100B	S25GF070B	S25GF100B

Note: 1. Package: 100pcs/pk; Non Sterile.
2. Other pore sizes are available.