

Filter Series

Microfil™ Syringe Filter

Lab Filtration



Introduction

- ▶ Diameter: 17mm, 30/33mm.
- ▶ Injection molding: High pressure resistant.
- ▶ Color coding: More popular and easier to identify the pore size and filter media.
- ▶ Larger filtration areas: (bigger than 33mm) increased sample throughput.

Application

- ▶ Chromatography sample preparation.
- ▶ Environmental samples.
- ▶ General particulate removal.
- ▶ Dissolution testing.
- ▶ Removal of protein precipitates.

Technical Specification

Filter Media	Nylon/CA/MCE/PES/GF/RC/PP/PTFE/ Hydrophilic PTFE/PVDF/Hydrophilic PVDF	
Housing	PP	
Diameter	17mm/33mm	
Pore Size	0.1µm, 0.22µm, 0.45µm, 1.0µm, 3.0µm, 5.0µm	
Sealing Technology	Injection molding	
Filtration Area	1.6cm ²	5.2cm ²
Inlet/Outlet Connections	Female luer lock / Male luer slip	
Max. Operation Temperature	50°C	
Max. Operation Pressure	6bar@23°C	

Order Information

	17mm		33mm	
	0.22µm	0.45µm	0.22µm	0.45µm
Nylon	S17NY022M	S17NY045M	S33NY022M	S33NY045M
CA	S17CA022M	S17CA045M	S33CA022M	S33CA045M
MCE	S17MCE022M	S17MCE045M	S33MCE022M	S33MCE045M
PES	S17PES022M	S17PES045M	S33PES022M	S33PES045M
PTFE	S17PTB022M	S17PTB045M	S33PTB022M	S33PTB045M
Hydrophilic PTFE	S17PTL022M	S17PTL045M	S33PTL022M	S33PTL045M
PVDF	S17PVB022M	S17PVB045M	S33PVB022M	S33PVB045M
Hydrophilic PVDF	S17PVL022M	S17PVL045M	S33PVL022M	S33PVL045M
RC	S17RC022M	S17RC045M	S33RC022M	S33RC045M
PP	S17PP022M	S17PP045M	S33PP022M	S33PP045M
	0.7µm	1.0µm	0.7µm	1.0µm
GF	S17GF070M	S17GF100M	S33GF070M	S33GF100M

Note: 1. Package: 100pcs/pk; Non Sterile. 2. Other pore sizes are available.
Color: Nylon (Yellow); CA/MCE (Blue); PES (Green); PTFE (Red);
PVDF/RC/(Purplish Red); GF/PP (Brown).