

Syringe Filters

SYRINGE FILTERS (100/PK)							
MEMBRANE	AQUEOUS	ORGANIC	LOW PROTEIN BINDING	COLOR	PORE SIZE	13 mm	30 mm
Nylon	●	●			0.2 µm	F13-NY020	F30-NY020
					0.45 µm	F13-NY045	F30-NY045
PTFE (hydrophobic) (polytetrafluoroethylene)		●			0.2 µm	F13-PT020	F30-PT020
					0.45 µm	F13-PT045	F30-PT045
PVDF (hydrophilic) (polyvinylidene difluoride)	●	●	●		0.2 µm	F13-PV020	F30-PV020
					0.45 µm	F13-PV045	F30-PV045
PES (polyethersulfone)	●	●	●		0.2 µm	F13-PS020	F30-PS020
					0.45 µm	F13-PS045	F30-PS045
CA (cellulose acetate)	●		●		0.2 µm	F13-CA020	F30-CA020
					0.45 µm	F13-CA045	F30-CA045
PP (polypropylene)	●	●			0.2 µm	F13-PP020	F30-PP020
					0.45 µm	F13-PP045	F30-PP045
Glass Fiber	●	●			1.2 µm	F13-GF120	F30-GF120
					0.7 µm	F13-GF070	F30-GF070

SPECIFICATIONS

Effective Filtration Area:	13 mm: 1.09 cm ² 30 mm: 5.39 cm ²
Holdup Volume:	13 mm: <25 µl 30 mm: <200 µl
Sample Volume:	13 mm: < 10 mL 30 mm: < 200 mL
Inlet/Outlet Connections:	Female luer lock inlet, male slip luer outlet
Max Temperature:	122 °F (50 °C)
Max Pressure:	87 PSI at 20 °C



Membrane Sheets

Any of the available membranes can also be purchased as sheets.

Membrane Filters

MEMBRANE FILTERS						
MEMBRANE	PORE SIZE	13 mm 100/pk	25 mm 100/pk	47 mm 100/pk	90 mm 25/pk	142 mm 25/pk
Nylon	0.2 µm	CTF-NY020-13	CTF-NY020-25	CTF-NY020-47	CTF-NY020-90	CTF-NY020-142
	0.45 µm	CTF-NY045-13	CTF-NY045-25	CTF-NY045-47	CTF-NY045-90	CTF-NY045-142
PTFE (polytetrafluoroethylene)	0.2 µm	CTF-PT020-13	CTF-PT020-25	CTF-PT020-47	CTF-PT020-90	CTF-PT020-142
	0.45 µm	CTF-PT045-13	CTF-PT045-25	CTF-PT045-47	CTF-PT045-90	CTF-PT045-142
PVDF (polyvinylidene difluoride)	0.2 µm	CTF-PV020-13	CTF-PV020-25	CTF-PV020-47	CTF-PV020-90	CTF-PV020-142
	0.45 µm	CTF-PV045-13	CTF-PV045-25	CTF-PV045-47	CTF-PV045-90	CTF-PV045-142
PES (polyethersulfone)	0.2 µm	CTF-PS020-13	CTF-PS020-25	CTF-PS020-47	CTF-PS020-90	CTF-PS020-142
	0.45 µm	CTF-PS045-13	CTF-PS045-25	CTF-PS045-47	CTF-PS045-90	CTF-PS045-142
Cellulose Acetate	0.2 µm	CTF-CA020-13	CTF-CA020-25	CTF-CA020-47	CTF-CA020-90	CTF-CA020-142
	0.45 µm	CTF-CA045-13	CTF-CA045-25	CTF-CA045-47	CTF-CA045-90	CTF-CA045-142
NC (nitrocellulose)	0.2 µm	CTF-NC020-13	CTF-NC020-25	CTF-NC020-47	CTF-NC020-90	CTF-NC020-142
	0.45 µm	CTF-NC045-13	CTF-NC045-25	CTF-NC045-47	CTF-NC045-90	CTF-NC045-142
Glass Fiber	0.7 µm	CTF-GF070-13	CTF-GF070-25	CTF-GF070-47	CTF-GF070-90	—
	1.0 µm	CTF-GF100-13	CTF-GF100-25	CTF-GF100-47	CTF-GF100-90	—
	3.1 µm	CTF-GF310-13	CTF-GF310-25	CTF-GF310-47	CTF-GF310-90	—
	5.0 µm	CTF-GF500-13	CTF-GF500-25	CTF-GF500-47	CTF-GF500-90	—
FILTRATION ASSEMBLY APPARATUS						
DESCRIPTION				47 mm (300 mL capacity)	90 mm (1,000 mL capacity)	
Microfiltration Assembly, No 8 Stopper (includes: funnel, base, clamp & stopper)				F-410047	F-410090	
Glass Funnel				F-410048	F-410092	
Glass Support Base, Fritted				F-410050	F-410094	
Aluminum Clamp				F-410052	F-410096	
Silicone Stopper, #8				F-410054	F-410054	
Flask, 1 L, #8 Silicone Stopper				F-410404	F-410404	

