

Syringe Filter

Ordering Information:

Specification of Syringe Filter

Model	Diameter (mm)	Pore Size (µm)	Material	Material
ST-02	13	0.22	Nylon	100 pcs/box
ST-03	13	0.45	PES	100 pcs/box
ST-04	13	0.22	PES	100 pcs/box
ST-05	25	0.45	Nylon 6	50 pcs/box
ST-06	25	0.22	Nylon 6	50 pcs/box
ST-07	25	0.45	PES	50 pcs/box
ST-08	25	0.22	PES	50 pcs/box
ST-09	25	0.45	Nylon 66	50 pcs/box
ST-10	25	0.22	Nylon 66	50 pcs/box
ST-11	13	0.45	MCE	100 pcs/box
ST-12	13	0.22	MCE	100 pcs/box
ST-13	25	0.45	MCE	50 pcs/box
ST-14	25	0.22	MCE	50 pcs/box
ST-15	13	0.45	PTFE	100 pcs/box
ST-16	13	0.22	PTFE	100 pcs/box
ST-17	25	0.45	PTFE	50 pcs/box
ST-18	25	0.22	PTFE	50 pcs/box

Technical Data of 13mm

Material	PES 0.45	PES 0.2	Nylon 66 0.45	Nylon 66 0.2
Membrane thickness (µm)	114.3-165.1	129.5-162.6	114.8-170.2	139.7-177.8
Bubble Point	2.48-3.31	3.65-4.76	2.21-2.48	3.52-3.86
Effective Filtration Area	0.8 cm ²	0.8 cm ²	0.8 cm ²	0.8 cm ²
Hold-up Volume (with air purge)	< 15 ul	< 15 ul	< 15 ul	< 15 ul
Max. Operating Pressure	6.9 bar	6.9 bar	6.9 bar	6.9 bar
Typical Water Flow Rate (ml/min/cm ² , 0.7 bar 10 Psi)	38-100	19.3-34.6	-	-
Sample Volume	< 10ml	< 10ml	< 10ml	< 10ml

Technical Data of 25mm

Material	PES 0.45	PES 0.2	Nylon 66 0.2	Nylon 66 0.2
Membrane thickness (µm)	114.3-165.1	129.5-162.6	114.8-170.2	139.7-177.8
Bubble Point	2.48-3.31	3.65-4.76	2.21-2.48	3.52-3.86
Effective Filtration Area	3.8 cm ²	3.8 cm ²	3.8 cm ²	3.8 cm ²
Hold-up Volume (with air purge)	< 125 ul	< 125 ul	< 125 ul	< 125 ul
Max. Operating Pressure	5.2 bar	5.2 bar	5.2 bar	5.2 bar
Typical Water Flow Rate (ml/min/cm ² , 0.7 bar 10 Psi)	38-100	19.3-34.6	-	-
Sample Volume	< 150ml	< 150ml	< 150ml	< 150ml