

Glass fibre filters

Superior grade glass fibre filters for a variety of air sampling methods. Used in a variety of sample cleanup, prefiltration and analytical testing applications.



Grade	Application
Type A/B	Binder-free borosilicate glass microfibers. For diagnostic applications and sample prefiltration. High loading capacity with 2.5 times thicker glass than type A/C.
Type A/C	Binder-free borosilicate glass microfibers. For testing dissolved and suspended solids in wastewater, for cell harvesting applications and prefiltration.
Type A/D	Binder-free borosilicate glass microfibers. Excellent prefiltrators for solutions with a heavy load of charge sized particulate.
Type A/E	Binder-free borosilicate glass microfibers. For testing dissolved and suspended solids in wastewater and for gravimetric analysis of air pollutants. High flow rates, wet strength and solids holding capacities. Aerosol retention (0.3 µm DOP): 99.98%.
Extra Thick	Borosilicate glass microfibers with acrylic binder. For prefiltration of viscous biological solutions and heavily contaminated samples. High particulate-holding capacity makes discs efficient depth filters and allows for filtration of large volumes of solutions. Aerosol retention (0.3 µm DOP): 99.97%.
Type Metrigard™	Ultrafine glass fibres with acrylic binder. For prefiltration in systems with high particulate matter to prolong membrane filter life. Aerosol retention (0.3 µm DOP): 99.99%.

Grade	Type A/B	Type A/C	Type A/D	Type A/E	Extra Thick	Type Metrigard™
Thickness	660 µm	254 µm	660 µm	330 µm	1270 µm	330 µm
Pore size	1 µm		3 µm	1 µm		0.5 µm
Water flow rate	124 ml/min/cm ² (0.3 bar)	153 ml/min/cm ² (0.3 bar)	649 ml/min/cm ² (0.3 bar)	250 ml/min/cm ² (0.3 bar)	210 ml/min/cm ² (0.3 bar)	80 ml/min/cm ² (0.3 bar)
Air flow rate	24 ml/min/cm ² (0.7 bar)	40 ml/min/cm ² (0.7 bar)	139 ml/min/cm ² (0.7 bar)	68 ml/min/cm ² (0.7 bar)	26 ml/min/cm ² (0.7 bar)	21 ml/min/cm ² (0.7 bar)
Max. temperature (°C)	550				135	

Grade	Size (mm)	Pk	Cat. No.
Type A/B	13	100	513-0010
	25	100	513-0011
	37	100	513-0012
	47	100	513-0013
Type A/C	142	25	513-0014
	25	100	513-0015
	37	100	513-0016
	47	100	513-0017
Type A/D	142	25	513-0018
	13	100	513-0019
	25	100	513-0020
	37	100	513-0021
Type A/E	47	100	513-0022
	142	25	513-0023
	13	500	513-0000
	25	500	513-0001
	47	100	513-0002
	37	500	513-0004
Extra Thick	76	100	516-7796
	90	100	516-7797
	102	100	516-7790
	142	100	513-0003
	13	100	513-0006
	25	100	513-0007
Type Metrigard™	47	100	513-0008
	142	50	513-0009
	47	100	513-0005

TCLP glass fibre filters



Low extractable, binder-free borosilicate glass fibre filters. Suitable for use of the EPA 1311 Toxicity Characteristics Leaching Procedure and for prefiltration of dirty HPLC samples.



Thickness	432 µm		
Pore size	0.7 µm		
Size (mm)	Pk	Cat. No.	
47	50	513-0026	
90	50	513-0024	
110	50	513-0027	
142	50	513-0025	