

Glass Microfiber Filters

Without Binder

Binder-free glass microfiber filters are recommended for analytical and gravimetric analyses and also as prefilters. These filters combine fast flow rates with high load capacity and the retention of very fine particles; they are biologically inert, are resistant to most chemicals and withstand temperatures up to 500°C (grade 550-HA up to 550°C).

Specifications

Grade	Weight (g/m ²)	Thickness (mm)	Penetration 0.3 µm (%)*	Particle retention in liquids (µm)	Filtration speed (ml/min)	Fulfills the requirements in EN 872:2005 (weigh loss)
MGA	55	0.25	< 0.002	1.6	510	Yes
MGB	140	0.70	< 0.002	1.0	210	
MGC	52	0.26	< 0.002	1.2	335	Yes
MGD	120	0.53	< 0.1	2.7	920	
MGF	75	0.38	≤ 0.001	0.7	110	
MGG	64	0.28	≤ 0.001	1.5	600	
13440	88	0.44		0.7	120	Yes
MG 160	75	0.35	0.002	1.2	400	
MG 550-HA	65	0.27		1.5	400	
MG 169	68	0.33		1.0	130	

* Measurement according to EN 143 (0.3 µm, 15 cm/s, paraffin oil)

Ordering Information



Filter Discs

Dia. in mm	MGA (100 Pieces)	MG 160 (50 Pieces)	MGB (50 Pieces)	MGC (100 Pieces)	MGD (50 Pieces)
21			FT-3-1102-021		
25	FT-3-1101-025		FT-3-1102-025	FT-3-1103-025	FT-3-1104-025
37	FT-3-1101-037	FT-3-01110-037			
47	FT-3-1101-047	FT-3-01110-047	FT-3-1102-047	FT-3-1103-047	FT-3-1104-047
50	FT-3-1101-050	FT-3-01110-050	FT-3-1102-050	FT-3-1103-050	FT-3-1104-050
55	FT-3-1101-055		FT-3-1102-055	FT-3-1103-055	
70	FT-3-1101-070	FT-3-01110-070	FT-3-1102-070	FT-3-1103-070	FT-3-1104-070
80	FT-3-1101-080				
90	FT-3-1101-090	FT-3-01110-090	FT-3-1102-090	FT-3-1103-090	FT-3-1104-090
100	FT-3-1101-100	FT-3-01110-100	FT-3-1102-100	FT-3-1103-100	FT-3-1104-100
110	FT-3-1101-110	FT-3-01110-110	FT-3-1102-110	FT-3-1103-110	FT-3-1104-110
125	FT-3-1101-125		FT-3-1102-125	FT-3-1103-125	FT-3-1104-125
150	FT-3-1101-150		FT-3-1102-150	FT-3-1103-150	FT-3-1104-150