

Glass Microfiber Filters

With Binder

These filters are mostly used either for monitoring air and gas or as a prefilter. They are manufactured with synthetic binding agents to ensure that the filter has a defined strength. They are mechanically and chemically stable, have a temperature resistance up to 180°C and – depending on the binding agent used – are either hydrophobic or hydrophilic.

Specifications

Grade	Weight (g/m ²)	Thickness (mm)	Penetration 0.3 µm (%)*	Pressure drop 5.3 cm/s (Pa)	Binding agent
MG 227/1/60	60	0.32	< 0.5	260	Hydrophobic
13430	220	1.25	0.02	360	Hydrophilic
13400	73	0.39	0.015	363	Hydrophilic
MG 227	75	0.40	< 0.01	350	Hydrophobic
MG 161	75	0.40	≤ 0.002	≤ 580	Hydrophilic
MG 400	80	0.38	< 0.001	400	Hydrophilic
MG 1387/1	90	0.37	≤ 0.003	400	Hydrophilic

* Tested and classified according to the Standard EN 143

Ordering Information

Filter Discs

Dia. in mm	MG 221/1/60 (100 Pieces)	13430**	13400**	MG 227 (100 Pieces)	MG 1387/1 (50 Pieces)
13			13400--13-----S		
20			13400--20-----S		
25			13400--25-----Q		
42			13400--42-----Q		
44			13400--44-----Q		
45			13400--45-----Q		FT-3-01125-045
47		13430--47-----S	13400--47-----Q	FT-3-01120-047	FT-3-01125-047
50			13400--50-----Q		FT-3-01125-050
55				FT-3-01120-055	FT-3-01125-055
80			13400--80-----N		
100		13430-100-----K	13400-100-----K		
110				FT-3-01120-110	FT-3-01125-110
120			13400-120-----K		
124		13430-124-----K	13400-124-----K		
125					FT-3-01125-125
127		13430-127-----K	13400-127-----K		
130		13430-130-----K	13400-130-----K		FT-3-01125-130
150	FT-3-01124-150				

** K = 50 pieces, N = 100 pieces, Q = 500 pieces, S = 200 pieces
Other dimensions as well as sheets are available on request