



ADVANTEC® Glass Fiber Filters

Type	Weight g/m ²	Thickness mm	Retention efficiency*, liquid, µm	Retention efficiency, air % 0,3 µm DOP	Binder	Max. temperature °C
GA-55	55	0.21	0.6	99.9	No	550
GA-100	110	0.44	1.0	96	No	550
GA-200	175	0.74	0.8	99.9	No	550
GB-100R	95	0.40	0.6	99.99	No	550
GB-140	140	0.56	0.4	99.99	No	550
GC-50	48	0.19	0.5	99.99	No	550
GC-90	100	0.30	0.5	99.99	Yes	120
GD-120	123	0.51	0.9	97	No	550
GF-75	75	0.35	0.3	99.999	No	550
GS-25	70	0.22	0.6	99.9	Yes	120
DP-70	170	0.52	0.6	-	Yes	120

* smallest retained particle

Metal content, µg/g

Type	Pb	Cd	Mn	Zn	Cu	Ni	Cr	Fe
GA-55	1	<0.5	3.8	14000	<1	<1	3	100
GA-100	<1	<0.5	<0.5	<1	<1	<1	<1	10
GA-200	<1	<0.5	<0.5	<1	<1	<1	<1	8
GB-100R	3	<0.5	<0.5	<1	<1	<1	<1	10
GB-140	<1	<0.5	1.6	8700	<1	<1	1	57
GC-50	<1	<0.5	2.6	7600	<1	<1	7	76
GC-90	<1	<0.5	<0.5	<1	<1	<1	<1	9
GD-120	<1	<0.5	<0.5	1200	<1	<1	<1	10
GF-75	2	<0.5	4	1800	<1	<1	6	180
GS-25	<1	<0.5	<0.5	<1	<1	<1	<1	11
DP-70	<1	<0.5	1.4	4200	<1	<1	2	37

Whatman Glass Fiber Filters

Type	Weight g/m ²	Thickness mm	Retention*, liquid, µm
GF/A	53	0.26	1.6
GF/B	143	0.68	1.0
GF/C	53	0.26	1.2
GF/D	121	0.68	2.7
GF/F	75	0.42	0.7

*98% efficiency

Composition %			
Si O ₂	57,9	CaO	2,6
B ₂ O ₃	10.7	MgO	0.4
Al ₂ O ₃	5.8	BaO	5.0
Na ₂ O	10.1	ZnO	3.9
K ₂ O	2.9	F	0.6
Fe ₂ O ₃	0.1		



Glass Fiber Filters

Type	Retention ¹ µm	Weight g/m ²	Thickness mm	Filtration Speed Sec. ²
GA	1.6	52	0.26	60
GB	1.0	143	0.70	200
GC	1.2	52	0.26	100
GD	2.7	120	0.53	30
GF	0.7	75	0.45	310

¹⁾ 98% efficiency

²⁾ Acc. to Herzberg