

Micro Separations Micro Glass Fiber Filter Type-MGF/3

Micro Separations high purity Micro Glass Fiber filters is manufactured from 100% borosilicate glass and produced especially for use in high volume PM-10 air sampling equipment that collect atmospheric particulates and aerosols. Its enabling detailed chemical analysis of trace pollutants to take place with the minimum of interference or background.

Features and Benefits

- Chemically & Biologically Inert
- High Temperature Resistant (500° C)
- High flow Rate & High dirt holding capacity

Specifications



Properties	Unit of Measurement	Value	Variations
Filter media	n/a	Micro Glass Fiber	n/a
Thickness	mm	0.26	±15
Basic Weight	gm ²	53	Maximum
Pore size (Particle Retention* liquid(μm)	μm	1.2	Mean
D.O.P Retention@ 32 lpm/100 sq.cm (0.3 μm particle)	%	99.98	Min.
Air Flow Rate	s/100ml/in ²	4.3	Max.
Initial Filtration Speed	(Secs/100ml)Herzberg	100	Max.
Tensile Strength MD	N/15mm	5.5	Min.
Wet Brust	psi	0.29	Max.
Binder	-	No Binder	-
Loading Capacity	-	High	-

*99.9% Particle Retention Rating

Recommended for TSS analysis for industrial and natural waste water. Equivalent to Whatman grade-GF/C

Ordering Information

Diameter	Catalogue Number	Quantity/Packs
	Grade MGF/3	
Filter Circler		
25mm	MGF/3-25	All item are 100 Pcs. Per Pack.
37mm	MGF/3-37	
47mm	MGF/3-47	
70mm	MGF/3-70	
82mm	MGF/3-82	
90mm	MGF/3-90	
110mm	MGF/3-110	
125mm	MGF/3-125	
Filter Sheet		
203mm X 254mm	MGF/3-203254	100 Sheets/Pkt