

Micro Separations Quartz Micro Fiber Filter Type-QMF/1

Micro Separations high purity Quartz Micro Fiber filters is manufactured from 100% micro- quartz fiber and widely used for air sampling in acidic gases, stacks, flues and aerosols particularly at high temperature up to 900°C.

Features and Benefits

- Chemically & Biologically Inert
- High Temperature Resistant (900° C)
- Binder free, Low heavy metal content



Specifications

Properties	Unit of Measurement	Value	Variations
Filter media	n/a	Quartz Micro Fiber	n/a
Thickness	mm	0.45	±15
Basic Weight	gm ²	85	Maximum
Dimension	inches	8" X 10" 203mm X 254mm	±1/16
Pore size (Particle Retention* liquid(µm)	µm	1.6	Mean
D.O.P Retention@ 32 lpm/100 sq.cm (0.3 µm particle)	%	99.95	Min.
Air Flow Rate	s/100ml/in ²	6.4	Max.
Initial Filtration Speed (Secs/100ml)Herzberg		62	Max.
Tensile Strength MD	N/15mm	3.5	Min.
Wet Burst	psi	1.5	-
Binder	-	No Binder	-
Loading Capacity	-	High	-

*99% Particle Retention Rating

Recommended for analysis of acidic gases (except HF), Control of Suspended lead particle in air Equivalent to Whatman grade-QM-A

Ordering Information

Diameter	Catalogue Number	Quantity/Packs
	Grade QMF/1	
Filter Circler		All item are 50 Pcs. Per Pack.
25mm	QMF/1-25	
37mm	QMF/1-37	
47mm	QMF/1-47	
70mm	QMF/1-70	
82mm	QMF/1-82	
90mm	QMF/1-90	
110mm	QMF/1-110	
125mm	QMF/1-125	
Filter Sheet		
203mm X 254mm	QMF/1-203254	50 Sheets/Pkt