



FILTER-LAB glass microfibre filters

Ref. MFV1

Code: MFV1037

Circles 37 mm. diameter

Box 100 units.



Filtration catalogue: pages 32, 33, 34.

SPECIAL APPLICATIONS

- Determination of suspended solids in water according to EN-872.
- Determination of dissolved solids in water according to UNE 77.031.
- Determination of carbon content in water by wet oxidation.
- Determination of some metals in water.
- Determination of surfactants in detergents compounds.
- Immission analysis of particles by high-volume sensor according to EC 89/427/EEC.
- Particle size analysis by cascade impactor.
- Analysis of particulate emissions in chimneys by isokinetic test according to EPA standards and EN.
- Analysis of metals in air under EPA regulations.
- Filtration of samples before analysis by spectrophotometry.
- Determination of sediment in some oil.
- Elimination of precipitates in ion-pair reagents.
- Analysis of ozone in the atmosphere by alpha particle analyzer.
- Moisture Analysis Scales filter driers with 80 mm. diameter.

TECHNICAL SPECIFICATIONS

Reference	MFV1
Code	MFV1037
Format and size	circles 37 mm. diameter
Presentation	Box 100 units
Grammage (EN 536)	52 gr./m
Thickness (EN 20534)	0,26 mm.
Filtration speed (Herzberg)	60 s
Retention	1,6 µm
Burst strength resistance	0,2 kg/cm
DOP penetration (0,3 µm dioctyle oftalate particles)	< 0,002%
Max. temperature	500°C
Retention Efficiency (0,3 µm dioctyle oftalate particles)	99,998%
Composition	100% borosilicate without binders
Type of filter	Depth filter

Contents of traces (ppm):

As	Cd	Cr	Cu	Fe	Mn	Ni	Pb	Sb	V	Zn
3	0,03	12	3	400	20	4	3	2	1	50

Related products



FILTER-LAB glass microfibre filters without binders

Array composed of 6 different qualities with retentions between 0.7 and 2.7 µm.

Technical specifications

Ref.	Retention µm	Weight in grams g/m ²	Thickness mm	DOP retention	Bonding agent
MFV 1	1.6	52	0.26	99.998	NONE
MFV 2	1.0	143	0.70	99.998	NONE
MFV 3	1.2	52	0.26	99.998	NONE
MFV 4	2.7	120	0.53	99.998	NONE
MFV 5	0.7	75	0.45	99.998	NONE
MFV 6	1.5	65	0.28	99.998	NONE



FILTER-LAB quartz microfibre filters (Si O)

Used in analysis with gas at temperatures above 500 ° C or in contact with strong acid gases such as SO₂, HCl, SO₃, SO₄, NO, NO₃, except HF.

Technical specifications

Ref.	Weight in grams g/m ²	Thickness mm	DOP retention (%) at 0.3 µm	Maximum temperature °C	Bonding agent
MFQ	85	0.38	99.999	900	NONE



FILTER-LAB glass microfibre thimbles

With a wide range of diameters and lengths to suit all types of probes.

Technical specifications

Ref.	DOP retention (%) at 0.3 µm	Max. temperature °C	Bonding agent
1900	99.9	500	NONE



FILTER-LAB quartz microfibre thimbles

Used in environments with temperatures above 500 ° C or in contact with strong acid gases such as SO₂, HCl, SO₃, SO₄, NO, NO₃, except HF. Wide range of measures

Technical specifications

Ref.	Max. temperature °C	DOP retention (%) at 0.3 µm	Bonding agent
CQ 2000	900	99.9	NONE