



FILTER-LAB glass microfibre filters

Ref. MFV5

Code: MFV5037

Circles 37 mm. diameter

Box 100 units.



Filtration catalogue: pages 32, 33, 34.

SPECIAL APPLICATIONS

- Clarification of protein solutions before lyophilization.
- Filtration of samples before HPLC.
- Analysis of samples of marine organisms such as plankton.
- Biochemical assays.
- Gravimetric analysis of paints and pigments.
- Filtration of samples of cell cultures.

TECHNICAL SPECIFICATIONS

Reference	MFV5
Code	MFV5037
Format and size	circles 37 mm. diameter
Presentation	Box 100 units
Grammage (EN 536)	70 gr./m
Thickness (EN 20534)	0,45 mm.
Filtration speed (Herzberg)	310 s
Retention	0,7 µm
Burst strength resistance	0,5 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