



FILTER-LAB quartz microfibre filters

Ref. MFQ

Code: MFQ037

Circles 37 mm. diameter

Box 25 units.



Filtration catalogue: page 35.

SPECIAL APPLICATIONS

- Emission controls on smokestacks environments including more than 500°C or with presence of acid gases.
- Studies of heavy metals content in the atmosphere.
- Immission control in high volume sensors.
- Gravimetry in gases.
- Analysis of aerosols.
- Sampling for the presence of Pb in the air.

TECHNICAL SPECIFICATIONS

| | |
|-----------------------------------------------------------|---------------------------------------------------------|
| Reference | MFQ |
| Code | MFQ037 |
| Format and size | circles 37 mm. diameter |
| Presentation | Box 25 units |
| Grammage (EN 536) | 85 gr./m |
| Thickness (EN 20534) | 0,38 mm. |
| Burst strength resistance | 0,2 kg/cm2 |
| Air resistance | 51,5 hPa |
| Retention Efficiency (0,3 µm dioctyle oftalate particles) | 99,999% |
| DOP penetration (0,3 µm dioctyle oftalate particles) | < 0,002% |
| Max. temperature | 950°C |
| Composition | 100% pure quartz (SiO ₂) without binders |
| Type of filter | Depth filter |

Contents of traces (ppm):

| Al | Ba | Ca | Cd | Co | Cr | Cu | Fe | Mg | Mn | Na | Ni | Pb | Sr | Ti | V | Zn |
|-----|----|-----|-------|------|----|----|----|----|----|-----|----|----|----|----|----|----|
| 300 | 10 | 250 | 0,002 | <0.5 | 2 | 2 | 50 | 25 | 2 | 100 | 2 | <1 | 3 | <1 | <5 | 6 |

Related products



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 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 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 |



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 |