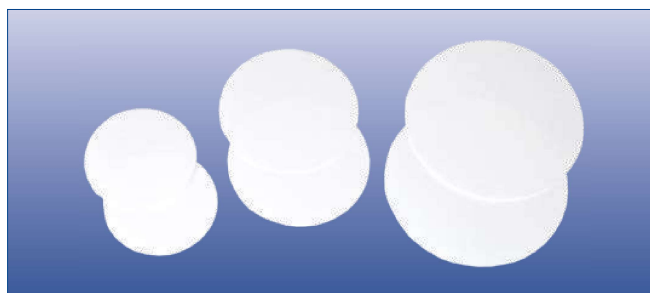


Glass fibre filters/quartz fibre filters

Glass fibre filters allow a fast filtration and simultaneously a very high particle retention. They are manufactured from borosilicate glass fibres and are chemically resistant towards most organic and inorganic solvents (except HF). For the analysis of air-borne particles we recommend the quartz fibre filters MN QF-10 which feature an extremely low content of metal traces.



Technical data

| Grade | Thickness | Basis weight | Filtration speed air | Particle retention | Max. temperature | Binder |
|-----------------|-----------|----------------------|----------------------|--------------------|------------------|---------|
| MN GF-1 ≡ GF/A | 0.3 mm | 55 g/m ² | 12 s | 0.7 µm | 500 °C | without |
| MN GF-2 ≡ GF/B | 0.65 mm | 140 g/m ² | 30 s | 0.5 µm | 500 °C | without |
| MN GF-3 ≡ GF/C | 0.28 mm | 50 g/m ² | 25 s | 0.6 µm | 500 °C | without |
| MN GF-4 ≡ GF/D | 0.60 mm | 120 g/m ² | 5 s | 1.4 µm | 500 °C | without |
| MN GF-5 ≡ GF/F | 0.40 mm | 85 g/m ² | 80 s | 0.4 µm | 500 °C | without |
| MN GF-6 | 0.35 mm | 70 g/m ² | 12 s | 0.6 µm | 500 °C | without |
| MN 85/70 | 0.35 mm | 70 g/m ² | 15 s | 0.6 µm | 200 °C | organic |
| MN 85/70 BF | 0.35 mm | 70 g/m ² | 15 s | 0.6 µm | 500 °C | without |
| MN 85/90 | 0.40 mm | 90 g/m ² | 15 s | 0.5 µm | 200 °C | organic |
| MN 85/90 BF | 0.40 mm | 90 g/m ² | 15 s | 0.5 µm | 500 °C | without |
| MN 85/220 | 1.0 mm | 220 g/m ² | 15 s | 0.4 µm | 200 °C | organic |
| MN 85/220 BF | 1.0 mm | 220 g/m ² | 15 s | 0.4 µm | 500 °C | without |
| MN QF-10 ≡ QM/A | | 85 g/m ² | < 5 s | | 950 °C | without |




Ordering information




References for packs of 100 filters

| ∅ | MN GF-1 | MN GF-2 | MN GF-3 | MN GF-4 | MN GF-5 | MN GF-6 | MN 85/70 |
|--------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | | | | | | | |
| 25 mm | 41 10 025 | 41 20 025 | 41 30 025 | 41 40 025 | 41 50 025 | 41 60 025 | 40 30 025 |
| 37 mm | 41 10 037 | 41 20 037 | 41 30 037 | 41 40 037 | 41 50 037 | 41 60 037 | 40 30 037 |
| 45 mm | 41 10 045 | 41 20 045 | 41 30 045 | 41 40 045 | 41 50 045 | 41 60 045 | 40 30 045 |
| 55 mm | 41 10 05 | 41 20 05 | 41 30 05 | 41 40 05 | 41 50 05 | 41 60 05 | 40 30 05 |
| 70 mm | 41 10 07 | 41 20 07 | 41 30 07 | 41 40 07 | 41 50 07 | 41 60 07 | 40 30 07 |
| 90 mm | 41 10 09 | 41 20 09 | 41 30 09 | 41 40 09 | 41 50 09 | 41 60 09 | 40 30 09 |
| 110 mm | 41 10 11 | 41 20 11 | 41 30 11 | 41 40 11 | 41 50 11 | 41 60 11 | 40 30 11 |
| 125 mm | 41 10 12 | 41 20 12 | 41 30 12 | 41 40 12 | 41 50 12 | 41 60 12 | 40 30 12 |
| 150 mm | 41 10 15 | 41 20 15 | 41 30 15 | 41 40 15 | 41 50 15 | 41 60 15 | 40 30 15 |
| 185 mm | 41 10 18 | 41 20 18 | 41 30 18 | 41 40 18 | 41 50 18 | 41 60 18 | 40 30 18 |
| 240 mm | 41 10 24 | 41 20 24 | 41 30 24 | 41 40 24 | 41 50 24 | 41 60 24 | 40 30 24 |
| 270 mm | 41 10 27 | 41 20 27 | 41 30 27 | 41 40 27 | 41 50 27 | 41 60 27 | 40 30 27 |

Ordering information (cont.)

References for packs of 100 filters

| Ø | MN 85/70 BF | MN 85/90 | MN 85/90 BF |
|--------|---|---|---|
| |  |  |  |
| 25 mm | 40 40 025 | 40 50 025 | 40 60 025 |
| 37 mm | 40 40 037 | 40 50 037 | 40 60 037 |
| 45 mm | 40 40 045 | 40 50 045 | 40 60 045 |
| 55 mm | 40 40 05 | 40 50 05 | 40 60 05 |
| 70 mm | 40 40 07 | 40 50 07 | 40 60 07 |
| 90 mm | 40 40 09 | 40 50 09 | 40 60 09 |
| 110 mm | 40 40 11 | 40 50 11 | 40 60 11 |
| 125 mm | 40 40 12 | 40 50 12 | 40 60 12 |
| 150 mm | 40 40 15 | 40 50 15 | 40 60 15 |
| 185 mm | 40 40 18 | 40 50 18 | 40 60 18 |
| 240 mm | 40 40 24 | 40 50 24 | 40 60 24 |
| 270 mm | 40 40 27 | 40 50 27 | 40 60 27 |

| Ø | MN 85/220 | MN 85/220 BF | MN QF-10 |
|--------|---|---|---|
| |  |  |  |
| 25 mm | 40 70 025 | 40 80 025 | 41 70 025 |
| 37 mm | 40 70 037 | 40 80 037 | 41 70 037 |
| 45 mm | 40 70 045 | 40 80 045 | 41 70 045 |
| 55 mm | 40 70 05 | 40 80 05 | 41 70 05 |
| 70 mm | 40 70 07 | 40 80 07 | 41 70 07 |
| 90 mm | 40 70 09 | 40 80 09 | 41 70 09 |
| 110 mm | 40 70 11 | 40 80 11 | 41 70 11 |
| 125 mm | 40 70 12 | 40 80 12 | 41 70 12 |
| 150 mm | 40 70 15 | 40 80 15 | 41 70 15 |
| 185 mm | 40 70 18 | – | – |
| 240 mm | 40 70 24 | – | – |
| 270 mm | 40 70 27 | – | – |

other sizes and cuts on request

