



Technical data sheet for spare filter mats FM3...

| Filter class according to EN779 | G2 | G3 | G4 |
|---------------------------------|------------------------|----------------------|----------------------|
| | FM32... | FM33... | FM34... |
| Weight, approx. | 120 g/m ² | 180 g/m ² | 300 g/m ² |
| Thickness, approx. | 10 mm | 15 mm | 20 mm |
| Thermal stability | up to 100 °C | up to 100 °C | up to 100 °C |
| Moisture-resistance (rel.hum.) | up to 100 % | up to 100 % | up to 100 % |
| Average arrestance | 70% | 83% | 91% |
| Average efficiency | < 20 % | < 20 % | < 20 % |
| Nominal media velocity | 2m/s | 1,5m/s | 1 m/s |
| Initial pressure drop | 22 Pa | 22 Pa | 22 Pa |
| Final pressure drop | 250 Pa | 250 Pa | 250 Pa |
| Dust holding capacity | 650 g/m ² | 700 g/m ² | 750 g/m ² |
| Possible cutting tolerance | +3 bis -5 mm < 2300 mm | | |

Characteristics:

- Filter class **G2/G3/G4** according to **EN779**
- high performance nonwovens from elastic, break-resistant polyester fibers with terminal bonding
- progressive in structure, with layers being arranged behind each other so as to ensure that the density of the fiber layers increases towards the clean air side
- this optimized the defined filter performance and the dust holding capacity, resulting in longer useful lifetime for the filter concerned (slow pollution and high durability)
- by high dust holding capacity, the filter mats are particularly economical
- fire behaviour: the filter mats satisfy the stringens requirements of Fire Class F1 according to DIN 53438 and are thus self-extinguishing

Technical changes and errors are excepted