

EXHAUST FILTERS

Recycled PET

PSM 08, 10



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Applications:

- Suitable for very fine paint and varnish
- For horizontal and vertical flow spray booths
- Single or multi-stage filtration

Next generation filters containing polyester fibres made of recycled PET.

These are the most efficient filters in the GREEN range. They are particularly well-suited for trapping very fine paint and varnish (UV varnish, Chromium VI-based primer, etc.).

| Specifications | PSM 08 | PSM 10 |
|-----------------------|----------------------|----------------------|
| Thickness | 40 mm | 50 mm |
| Weight/m ² | 460 g/m ² | 500 g/m ² |
| Class (ISO 16890) | COARSE 55% | PM10 50% |
| Class (EN 779/2012) | G4 | M5 |
| Initial pressure drop | 29 Pa | 23 Pa |

PSM 8, 10

| Specifications | PSM 08 | PSM 10 |
|---|-------------------------|---|
| Thickness | 50 mm | 50 mm |
| Weight | 460 g/m ² | 500 g/m ² |
| Class (EN 779:2012) | G4 | M5 |
| Air permeability | 5000 l/m ² s | 7500 l/m ² s |
| Initial pressure drop | 29 Pa | 21 Pa |
| Dust retention capacity (ISO 16890) | > 4000 g/m ² | approx. 4000 g/m ² |
| Paint retention capacity (EPA 40 CFR Part 62) | > 8000 g/m ² | > 8000 g/m ² |
| ISO 16890 Group | ISO COARSE > 55% | ISO COARSE 50% |
| Efficiency for paint | | PM10 50% PM10 65% |
| Average airflow velocity | | Up to 2.0 m/s |
| Operating temperature | | Up to 120°C |
| PWIS (VW PV 3.10.7.) | | N/A |
| Composition | | Polyester fibres from recycled PET |
| Standard dimensions | | 20 x 2 m, 20 x 1 m |
| Cutting | | Cut-to-size filters available. Custom dimensions. |
| Filter direction of installation | | Install the white part on the spray booth's air outlet side |