



Conforme à VDI 6022



## □□ PFS

### PREFILTERS OR FINAL FILTERS IN VENTILATION SYSTEMS

Pocket filters for the separation of fine dust

- Filter classes M5, M6, F7
- Performance data tested to EN 779
- Eurovent certification for fine dust filters
- Meets the hygiene requirements of VDI 6022
- Non-woven synthetic fibres, welded
- Enlarged filter area due to filter pockets
- Low initial differential pressure and high dust holding capacity
- Different numbers of pockets and pocket depths
- Quick installation and filter changing times due to easy, safe handling
- Fitting into standard cell frames for filter walls (type SIF) or into universal casings (type UCA) for duct installation

Optional equipment and accessories

- Front frame made of plastic or galvanised sheet steel

## Application □

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Application

- Pocket filter made of non-woven synthetic fibres type PFS for the separation of fine dust
- Fine dust filter: Prefilter or final filter in ventilation systems

## Description □

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Filter classes

- Fine dust filters M5, M6, F7

### Construction

- PLA: Frame made of plastic
- GAL: Frame made of galvanised steel

### Useful additions

- Filter wall (SIF)
- Universal casing (UCA)

### Construction features

- Frame depth of construction PLA: 25 mm
- Frame depth of construction GAL: 20, 25 mm
- Number of pockets: 3, 4, 5, 6, 7, 8

### Materials and surfaces

- Filter media made of non-woven synthetic fibres
- Frame made of plastic or galvanised sheet steel



|  |           |           |           |           |
|--|-----------|-----------|-----------|-----------|
| Frakční účinnost ePM10 [%] podle ISO 16890                               | 60        | 75        | -         | -         |
| Frakční účinnost ePM1 [%] podle ISO 16890                                | -         | -         | 60        | 80        |
| Počáteční tlaková ztráta [Pa] při jmenovitém průtoku vzduchu             | 75        | 95        | 110       | 185       |
| maximální konečná tlaková ztráta [Pa]                                    | 250 - 350 | 250 - 350 | 250 - 350 | 250 - 350 |
| maximální provozní teplota [°C] pro plastové rámy                        | 60        | 60        | 60        | 60        |
| maximální provozní teplota [°C] pro rám z pozinkovaného ocelového plechu | 90        | 90        | 90        | 90        |

Pocket filters PFS made of non-woven synthetic fibres as prefilters or final filters for the separation of fine dust in ventilation systems.

Filter pockets provide a high dust holding capacity at a low initial differential pressure.

Pocket filters made of non-woven synthetic fibres are available in standard and special sizes; variable number of pockets and pocket depth; filter classes M5, M6, F7.

Pocket filters made of non-woven synthetic fibres are certified by Eurovent and meet the hygiene requirements of VDI 6022.

### Materials and surfaces

- Filter media made of non-woven synthetic fibres
- Frame made of plastic or galvanised sheet steel

### Construction

- PLA: Frame made of plastic
- GAL: Frame made of galvanised steel

### Sizing data

- Filter class
- Volume flow rate [m<sup>3</sup>/h]
- Initial differential pressure [Pa]
- Nominal size [mm]

**PFS - ePM1 - 60 % - PLA - 25 / 592 × 592 × 600 × 8**  
1 2 3 4 5 6 7