

**Filter mats Perfekt 300**

consist of superfine, thermally bonded polyester fibres not provided with a wetting agent, with progressive structure, and with compression on the pure-air side.

**Filter mats Perfekt 600**

are wetted with a bond-active agent, and their pure-air side is reinforced with a lattice structured fabric.

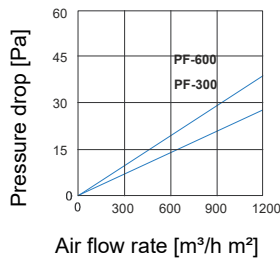
**Filter class as of  
EN 779:2012**  
M5

**For the NEW Filter class  
as of ISO 16890:2016**  
refer to table

**Medium  
polyester fibres**

**Temperature  
resistance**  
< 80 °C

**Pressure drop diagrams**



**Perfekt 600 filter mats** are certified by Eurovent.

**Application:**

For air handling units with very high standards in air purity.

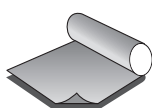
**Areas of application:**

Standard climate control and air handling systems, paint spray compartments and paint installations, HVAC equipment.

**Technical data**

| Perfekt                       |                  | Perfekt 300                | Perfekt 600                |
|-------------------------------|------------------|----------------------------|----------------------------|
| Filter class <i>OLD</i>       | [EN 779:2012]    | M5                         | M5                         |
| Filter class <i>NEW</i>       | [ISO 16890:2016] | ISO ePM <sub>10</sub> 50 % | ISO ePM <sub>10</sub> 60 % |
| Installation depth/thickness  | [mm]             | 15                         | 20                         |
| Nominal air volume flow       | [m³/h m²]        | 900                        | 900                        |
| Maximum volume flow           | [m³/h m²]        | 1.200                      | 1.200                      |
| Initial pressure drop         | [Pa]             | 20                         | 27                         |
| Maximum allowed pressure drop | [Pa]             | 450                        | 450                        |
| Mean degree of arrestance     | [%]              | 96,4                       | 97,9                       |
| Mean filtration efficiency    | [%]              | 53,3                       | 56,6                       |
| Dust holding capacity:        | [g/m²]           | 342                        | 387                        |
| Fire behavior                 | [DIN 53438]      | F1/K1                      | F1/K1                      |
| Max. operating temperature    | [°C]             | 80                         | 80                         |
| Max. relative air humidity    | [%]              | 100                        | 100                        |

**Form of delivery/  
Order number**



| Perfekt                           | Size                          | ORD.No.          |
|-----------------------------------|-------------------------------|------------------|
| <b>Special-dimension elements</b> |                               |                  |
| Perfekt 300                       | 0 to 40 m², maximum width 2 m | <b>X-PF-300</b>  |
| Perfekt 600                       | 0 to 40 m², maximum width 2 m | <b>X-PF-600</b>  |
| <b>Rolls</b>                      |                               |                  |
| Perfekt 300                       | 2 x 20 m, packaging unit 1    | <b>40 72 931</b> |
| Perfekt 600                       | 2 x 20 m, packaging unit 1    | <b>40 73 131</b> |