

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.

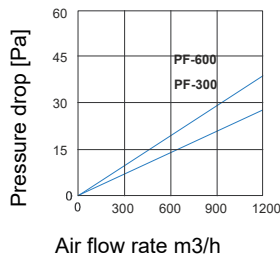
Filter class
M5

Test norm
EN 779:2012

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.

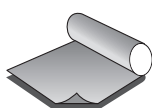
Areas of application:

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]	ISO Coarse 85 %	ISO Coarse 95 %
Installation depth/thickness [mm]	15	20
Nominal air volume flow [m³/h m²]	900	900
Maximum volume flow [m³/h m²]	1200	1200
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.
Special-dimension elements		
Perfekt 300	0 to 40 m², maximum width 2 m	X-PF-300-C85
Perfekt 600	0 to 40 m², maximum width 2 m	X-PF-600-C95
Rolls		
Perfekt 300	2 x 20 m, packaging unit 1	40 72 931-C85
Perfekt 600	2 x 20 m, packaging unit 1	40 73 131-C95