PROFAIR

viledon®

THE CEILING FILTER MAT FOR PAINTWORK

APPLICATIONS

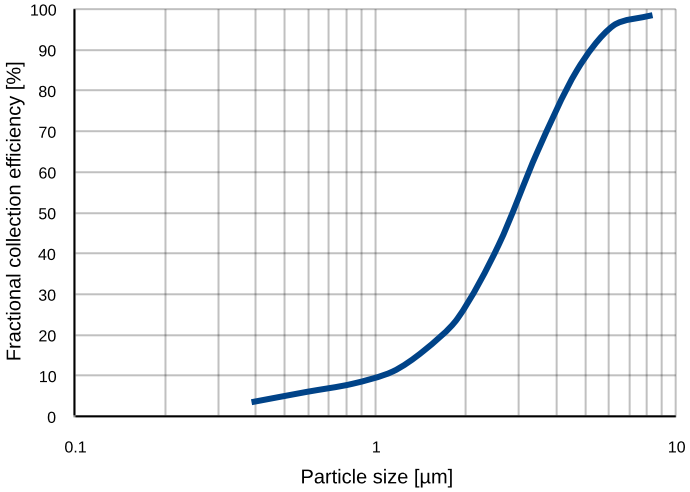
- fine filter for the final intake air filtration of repair/spray booths.

EUROVENT CERTIFIED PERFORMANCE AIR FILTERS www.eurovent-certification.com

KEY DATA	ProfAir N 20 / 2000
Article number	53350549
Filter class acc. to EN 779:2012	M5
Class to ISO 16890	ISO ePM10 55%
Particulate matter efficiency ISO ePM1 [%]	5
Particulate matter efficiency ISO ePM2,5 [%]	11
Particulate matter efficiency ISO ePM10 [%]	55
Initial pressure drop [Pa]	70
Cut off particle size [µm]	10
Recommended final pressure drop [Pa]	450
Thermal stability [°C]	up to 100, briefly up to 120
Moisture-resistance (rel. hum.) [%]	up to 100
Thickness approx. [mm]	23
Filter medium	PET
Nominal media velocity [m/s]	0.5
Average efficiency [%]	45
Average arrestance [%]	96
Dust holding capacity (AC fine / 300 Pa) [g/m²]	550
Packaging unit [units/carton]	1
Weight per unit area approx. [g/m²]	545
Supplied as rolls, useful width/length [mm/m]	2000 / 20
Supplied as cut pieces/rolls [mm]	+ / +

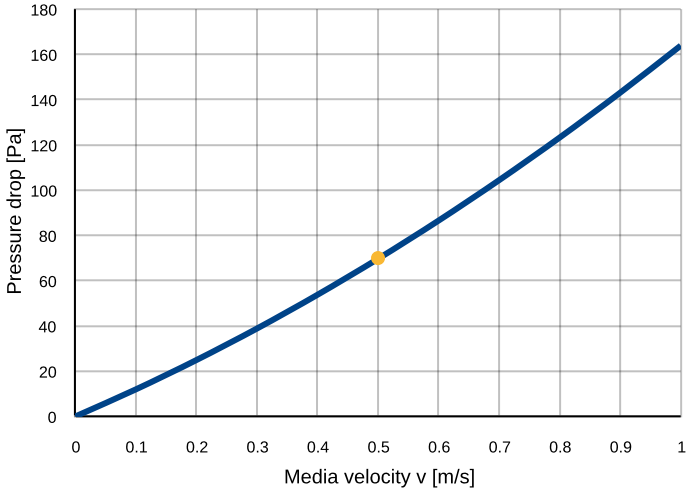
Fractional collection efficiency curve

- ProfAir N 20 / 2000



Initial pressure drop curve

- ProfAir N 20 / 2000
- nominal media velocity [m/s]: 0.5



MEDIA AND CONSTRUCTION CHARACTERISTICS

- high performance nonwoven produced inhouse.
- filter media with progressive structure from elastic, break-resistant polyester fibers.
- thermal bonded and specially smoothed on the clean air side for excellent fiber bonding.
- filter material is resistant to solvent vapors and free of silicone.
- self-extinguishing filter media according to DIN 53438 (Fire Class F 1).

FEATURES AND PLUSES

- high arrestance of particles >10 µm.
- actively adhesive surface ensures permanent retention of particles already collected throughout the entire operating lifetime.
- enhanced stability and installation safety due to a reinforcing scrim on the clean air side.

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