

FILTER MAT PA/560 G-10

viledon®

LONG USEFUL LIFETIME. HIGH
INTRINSIC STABILITY. CORROSION AND
MOISTURE RESISTANT.



APPLICATION

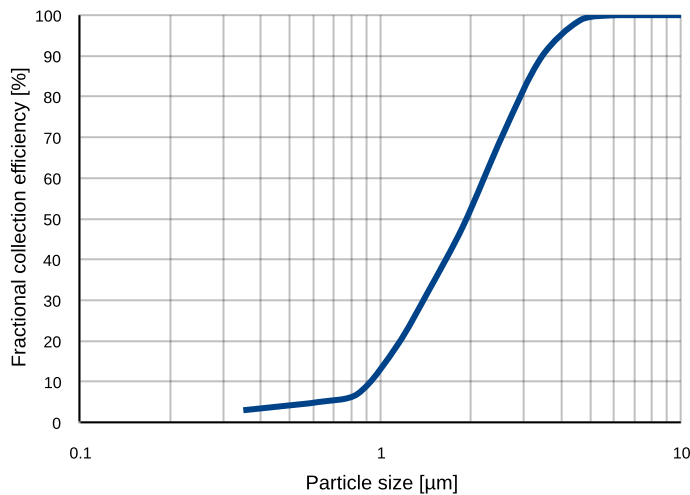
- final intake air filtration in paint spray systems and booths



KEY DATA	PA/560 G-10 20 / 1600	PA/560 G-10 20 / 2000	PA/560 G-10 22 / 1600	PA/560 G-10 22 / 2000
Article number	53253198	7802206	8887232	8238130
Filter class acc. to EN 779:2012	M5			
Class to ISO 16890	ISO ePM10 65%			
Particulate matter efficiency ISO ePM1 [%]	5			
Particulate matter efficiency ISO ePM2,5 [%]	18			
Particulate matter efficiency ISO ePM10 [%]	66			
Initial pressure drop [Pa]	68			
Recommended final pressure drop [Pa]	450			
Thermal stability [°C]	120			
Moisture-resistance (rel. hum.) [%]	100			
Thickness approx. [mm]	25			
Filter medium	PET			
Nominal media velocity [m/s]	0.5			
Average efficiency [%]	55			
Average arrestance [%]	99			
Dust holding capacity (AC fine / 300 Pa) [g/m²]	660			
Packaging unit [units/carton]	1			
Weight per unit area approx. [g/m²]	540			
Supplied as rolls, useful width/length [mm/m]	1600 / 20	2000 / 20	1600 / 22	2000 / 22
Supplied as cut pieces/rolls [mm]	+ / +			

Fractional collection efficiency curve

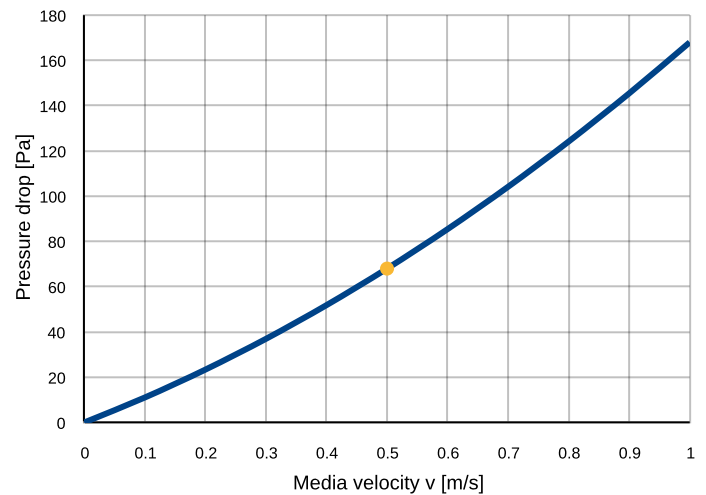
■ PA/560 G-10 20 / 2000



Initial pressure drop curve

■ PA/560 G-10 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.
- self-extinguishing filter media according to DIN 53438 (Fire Class F 1).
- certified quality: according to EN 779 and ISO 16890 tested and is manufactured under our certified quality management system to ISO 9001. Documented by marking the filter mat with brand name, type designation, and filter class.

FEATURES AND PLUSES

- practically 100 % 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.
- maximized protection against paintwork defects.
- resistant to solvent vapours and LABS-compliant according to VDMA 24364.

The information or figures given are subject to tolerances due to normal production fluctuations. Our explicit written confirmation is required in each case for the correctness of the information. Subject to technical alterations. You will find instructions on how to handle and dispose of loaded filters in our information on product safety and eco-compatibility