

FILTER MAT P15 SERIES

TOUGH. STABLE. SELF-EXTINGUISHING.

viledon®



APPLICATION

- filtration in all kinds of ventilation systems

KEY DATA	P15 / 150 S 40 / 2000	P15 / 350 S 30 / 2000	P15 / 500 S 20 / 2000
Article number	8039227	8039427	8040248
Filter class acc. to EN 779:2012	G2	G3	G4
Class to ISO 16890	ISO coarse 30%	ISO coarse 55%	ISO coarse 75%
Initial gravimetric arrestance [%]	33	57	75
Initial pressure drop [Pa]		30	
Recommended final pressure drop [Pa]		250	
Thermal stability [°C]		100	
Moisture-resistance (rel. hum.) [%]		100	
Thickness approx. [mm]	8	14	20
Filter medium		Polyolefin	
Nominal media velocity [m/s]	2	1.5	1
Average arrestance [%]	75	84	94
Dust holding capacity (AC fine / 200 Pa) [g/m ²]	1,850	1,950	2,250
Packaging unit [units/carton]		1	
Weight per unit area approx. [g/m ²]	100	200	350
Supplied as rolls, useful width/length [mm/m]	2000 / 40	2000 / 30	2000 / 20
Supplied as cut pieces/rolls [mm]		+ / +	

MEDIA AND CONSTRUCTION CHARACTERISTICS

- high performance nonwovens produced inhouse.
- filter media: elastic, break-resistant fibers with thermal 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

- maximized operational reliability due to high arrestance.
- high mechanical strength of the material offers good dimensional stability throughout the operational lifetime.
- widely resistant to chemicals like solvents, acids and alkalis.
- must be protected against continuous UV radiation.
- cleanable by careful washing, beating or spraying.

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

FREUDENBERG FILTRATION TECHNOLOGIES

Contact us

www.freudenberg-filter.com

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