

FILTER PANEL WITH P 15/500 S

viledon®

FOR HIGHEST OPERATIONAL DEPENDABILITY

APPLICATION

Viledon filter panels with the filter media P 15/500 S are used in all kinds of intake air filtration of ventilation systems, e. g.

- in general air conditioning, e. g. as a prefilter for pocket and cassette filters of the standard dimension 610 × 610 mm
- in the automotive industry, e. g. as a ceiling filter in paint spraying and painting booths
- in industrial processes (cement, steel, petrochemicals, food, etc.), e. g. for the protection of switch cabinets and heating systems
- in e-charging stations, e. g. to protect the electronics from moisture and dirt when supplying cooling fresh air



KEY DATA	LH 103 P15 / 500 S 610 / 610	LH 103 P15 / 500 S 500 / 500
Article number	53253599	53000301
Dimensions L [mm]	610	500
Filter class acc. to EN 779:2012	G4	G4
Class to ISO 16890	ISO coarse 75%	ISO coarse 75%
Initial gravimetric arrestance [%]	75	75
Nominal volume flow [m³/h]	1,300	900
Initial pressure drop [Pa]	35	35
Filter medium	P15 / 500 S	P15 / 500 S

BENEFITS

- Viledon filter mats are welded into a polyurethane frame in a dust-tight manner. This ensures very high intrinsic stability.
- The filter media P 15/500 S is progressive in structure, with layers being arranged behind each other so as to ensure that the density of the fiber layers increases towards the clean air side. This optimizes the defined filter performance and the dust holding capacity, resulting in longer useful lifetime for the filter concerned.
- Viledon filter panels are corrosion and moisture resistant up to 100 % relative humidity. Temperature resistance can be as high as 70 °C.
- Fire behavior: Viledon filter mats comply with the stringent requirements of fire class F 1 in accordance with DIN 53 438 and are therefore self-extinguishing.
- Filter panels with filter mat P 15 / 500 S are cleanable by careful washing, beating or spraying. Even after washing, the filter mats remain dimensionally stable, thus retaining their technical filtering properties.

WE LOVE THE DETAILS

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.