

EPA FILTER | FRAME DEPTH 150 MM

viledon®

EFFICIENT AND RELIABLE AIR FILTRATION

APPLICATION

- Intake, exhaust and recirculating air filtration of ventilation systems with special requirements for clean air quality.
- Sophisticated air-conditioning applications (hospitals, labs, cleanrooms, museums, etc.).
- In sensitive industrial processes (pharmaceuticals, biotechnology, chemicals, optics, food / beverages, micro-electronics, etc.).
- As downstream policing filters in dust removal applications.
- In the intake air filtration of turbomachinery.



KEY DATA	SF11- K-0305x0305x150x10- N18N-F45	SF11- K-0457x0457x150x10- N10N-F45	SF11- K-0610x0610x150x10- N10N-F45	SF11- K-0610x0610x150x10- N18N-F45
Article number	73076756	73076640	73076648	73076882
Dimensions (W x H x D) [mm]	305 x 305 x 150	457 x 457 x 150	610 x 610 x 150	610 x 610 x 150
Filter class acc. to EN 1822	E11			
Class to ISO 16890	ISO ePM1 >95%			
Particulate matter efficiency ISO ePM1 [%]	97			
Particulate matter efficiency ISO ePM2,5 [%]	99			
Particulate matter efficiency ISO ePM10 [%]	> 99			
MPPS efficiency [%] ¹	≥ 95			
Filter class acc. to ISO 29463	ISO 15 E			
Nominal volume flow [m³/h]	440	1,100	2,000	2,000
Initial pressure drop [Pa]	160			
Recommended final pressure drop [Pa]	600			
Thermal stability [°C]	70			
Dimensions L [mm]	305	457	610	610
Pleat depth [mm]	100			
Filter medium	Glasfaserpapier			
Frame	Plastic			
Seal position	Raw air side			
Version	Normal			

¹ MPPS: Most Penetrating Particle Size efficiency [%]

MEDIA AND CONSTRUCTION CHARACTERISTICS

- High-efficiency micro-glassfiber papers with a special thermoplastic bonding system.
- Patented thermal embossing MaxiPleat-technology for optimum V-shaped geometry and equidistance of the pleats.
- Frame consists of halogen-free plastic and is exceptionally distortion-resistant, moisture-resistant and fully incinerable.
- On request with plastic protection grids on both sides to minimize damage to the filter medium.
- Microbiologically inactive and meet all hygiene requirements of the German VDI Guideline 6022.

FEATURES AND PLUSES

- Particularly cost-efficient and dependable operation.
- Maximum, homogeneous air passage at a very low pressure drop.
- Easy handling and mounting, thanks to exceptionally low weight and continuous, homogeneously foamed on polyurethane gasket.
- Non-corroding and easy to dispose of, as it is metal-free.

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.

INNOVATING TOGETHER

Contact us

www.freudenberg-filter.com

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