

# EPA FILTER | FRAME DEPTH 78 MM

viledon®

## EFFICIENT AIR FILTRATION IN CLEANROOMS



### APPLICATION

- Intake, exhaust and recirculated air filtration in air-conditioning systems with stringent requirements for clean air quality and sterility
- Sophisticated air-conditioning applications (intensive care units of hospitals and medical institutes, labs, sterile rooms, etc.)
- In sensitive industrial processes (pharmaceuticals, biotechnology, chemicals, optics, food / beverages, micro-electronics, etc.)
- As final filters in ceiling air outlets

KEY DATA	SF11-M-0305x0610x078x05-N10N	SF11-M-0305x0762x078x05-N10N	SF11-M-0457x0457x078x05-N10N
Dimensions (W x H x D) [mm]	305 x 610 x 78	305 x 762 x 78	457 x 457 x 78
Filter class acc. to EN 1822	E11		
MPPS efficiency [%] <sup>1</sup>	≥ 95		
Filter class acc. to ISO 29463	ISO 15 E		
Nominal volume flow [m <sup>3</sup> /h]	480	600	550
Initial pressure drop [Pa]	160		
Dimensions L [mm]	610	762	457
Pleat depth [mm]	50		

<sup>1</sup> MPPS: Most Penetrating Particle Size efficiency [%]

KEY DATA	SF11-M-0610x0610x078x05-N10N	SF11-M-0610x0762x078x05-N10N
Article number	53424911	
Dimensions (W x H x D) [mm]	610 x 610 x 78	610 x 762 x 78
Filter class acc. to EN 1822	E11	
MPPS efficiency [%] <sup>1</sup>	≥ 95	
Filter class acc. to ISO 29463	ISO 15 E	
Nominal volume flow [m <sup>3</sup> /h]	1,000	1,300
Initial pressure drop [Pa]	160	
Dimensions L [mm]	610	762
Pleat depth [mm]	50	

<sup>1</sup> MPPS: Most Penetrating Particle Size efficiency [%]

## MEDIA AND CONSTRUCTION CHARACTERISTICS

- High-efficiency micro-glassfiber papers.
- MiniPleat technology ensures flow-friendly geometry and equidistance of the pleats.
- Frame consists of MDF (medium-density fiber board) and is fully incinerable.
- Protection grids on request.

## FEATURES AND PLUSES

- Particularly cost-efficient and dependable operation plus a quasi-laminar outflow.
- Homogeneous air passage at a very low pressure drop.
- Continuous, homogeneously foamed-on polyurethane gasket; on request also available with a flat gasket.
- Each filter element is tested for leakproofing in accordance with EN 1822, and delivered together with the corresponding test certificate.
- 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.

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Contact us

[www.freudenberg-filter.com](http://www.freudenberg-filter.com)