

EPA FILTER | FRAME DEPTH 150 MM

viledon®

EFFICIENT AIR FILTRATION IN CLEANROOMS

APPLICATION

- Intake and recirculating air filtration of clean rooms and in laminar flow boxes with the highest requirements for clean air 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.)
- In ceiling outlets and modules for flexible cleanroom systems



KEY DATA	SF11-A-0305x0610x150x12-N13N	SF11-A-0457x0457x150x12-N13N	SF11-A-0610x0610x150x12-N13N
Dimensions (W x H x D) [mm]	305 x 610 x 150	457 x 457 x 150	610 x 610 x 150
Filter class acc. to EN 1822	E11		
MPPS efficiency [%] ¹	95		
Filter class acc. to ISO 29463	ISO 15 E		
Nominal volume flow [m³/h]	750	850	1,500
Initial pressure drop [Pa]	140		
Dimensions L [mm]	610	457	610
Pleat depth [mm]	125		

¹ MPPS: Most Penetrating Particle Size efficiency [%]

MEDIA AND CONSTRUCTION CHARACTERISTICS

- High-efficiency micro-glass-fiber papers.
- MiniPleat technology ensures flow-friendly geometry and equidistance of the pleats.
- Frame consists of extruded, anodized aluminum and is extremely solid and moisture-resistant.
- Protection grids on both sides made of powdercoated expanded metal.

FEATURES AND PLUSES

- Particularly cost-efficient and dependable operation plus a quasi-laminar outflow.
- Homogeneous media velocity coupled with a very low pressure drop.
- Easy handling and mounting, thanks to high twist strength and a continuous, homogeneously foamed-on polyurethane gasket.
- Each filter element is tested for leakproofing in accordance with EN 1822, and delivered together with the corresponding test certificate.



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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