

HEPA FILTER | FRAME DEPTH 80 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	SF14-A-0305x0610x080x05-F13N	SF14-A-0305x0762x080x05-F13N	SF14-A-0457x0457x080x05-F13N
Article number	53434645	53535195	53439022
Dimensions (W x H x D) [mm]	305 x 610 x 80	305 x 762 x 80	457 x 457 x 80
Filter class acc. to EN 1822	H14		
MPPS efficiency [%] ¹	≥ 99,995		
Filter class acc. to ISO 29463	ISO 45 H		
Nominal volume flow [m³/h]	300	360	335
Initial pressure drop [Pa]	120		
Dimensions L [mm]	610	762	457
Pleat depth [mm]	50		

¹ MPPS: Most Penetrating Particle Size efficiency [%]

KEY DATA	SF14-A-0610x0610x080x05-F13N	SF14-A-0610x0762x080x05-F13N	SF14-A-0610x1220x080x05-F13N
Article number	53428407	53433125	53429243
Dimensions (W x H x D) [mm]	610 x 610 x 80	610 x 762 x 80	610 x 1220 x 80
Filter class acc. to EN 1822	H14		
MPPS efficiency [%] ¹	≥ 99,995		
Filter class acc. to ISO 29463	ISO 45 H		
Nominal volume flow [m³/h]	600	750	1,200
Initial pressure drop [Pa]	120		
Dimensions L [mm]	610	762	1,220
Pleat depth [mm]	50		

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.
- Silgel seal for mounting systems with a sword profile.
- 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