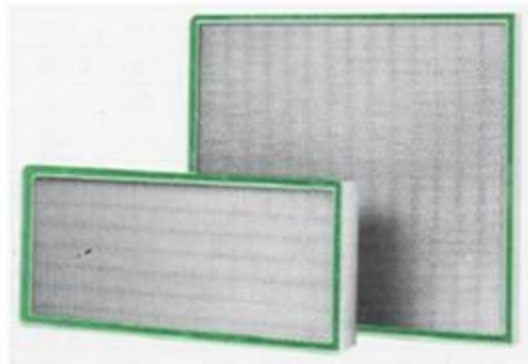


ERISGEL

LIQUID SEAL ABSOLUTE LAMINAR FLOW FILTERS



TYPICAL APPLICATIONS

To be used for absolute air filtration in controlled contamination environments, clean rooms, laminar flow benches and operating theatres according to the liquid seal technique

TECHNICAL CHARACTERISTICS

MEDIA = Glass fibre paper.

SEPARATORS = Cotton threads with hot melt gluing.

FRAME = Anodized aluminium profile 80 mm deep.

FACE GUARDS = Epoxy painted expanded aluminium grids on both sides.

SEALANT = Two components cold moulded polyurethane.

SEAL = Polyurethane gel.

GASKET = One piece cold moulded expanded polyurethane.

EFFICIENCY

EUROVENT 4/4 FILTRATION CLASS			CEN-EN 1822 FILTRATION CLASS		
CODE	CLASS	Initial Efficiency Ei %	CLASS	Filters global efficiency % for MPPS particles	Local efficiency % for MPPS particles
AH	EU10	$95 \leq Ei < 99,9$	H10	$\geq 85 \%$	-
ST	EU13	$99,99 \leq Ei < 99,999$	H13	$\geq 99,95 \%$	99,75 %
SU	EU14	$99,999 \leq Ei$	H14	$\geq 99,995 \%$	99,975 %
SV	-		U15	$\geq 99,9995 \%$	99,9975 %

TESTING = Each filter individually tested according to EN 1822 standard.

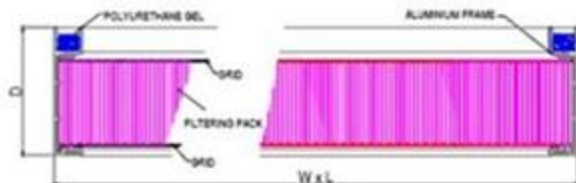
TEMPERATURE = 80°C max.

RELATIVE HUMIDITY = 100% max.

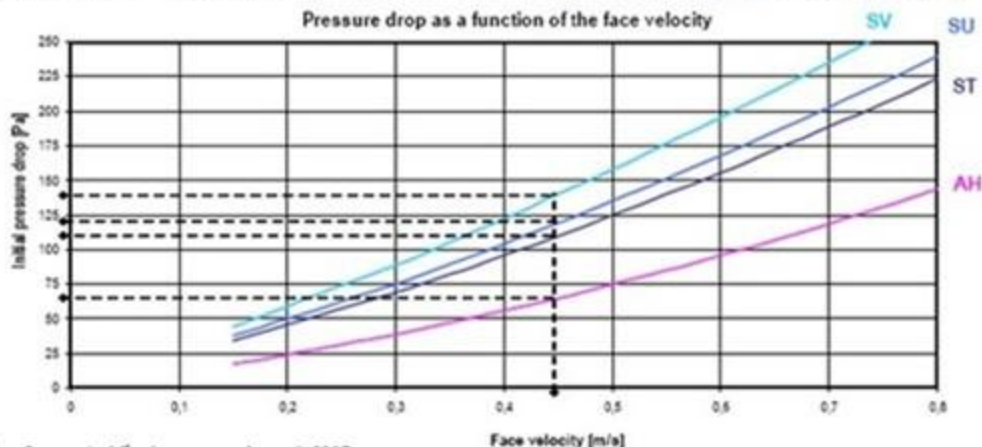
OPTIONS = Antibacterial treatment on request

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STANDARD SIZES



CODE	Dimensions W x L x D mm	Flow rate (0,45 m/s) m³/h	Filtering surface m²	Initial Pressure Drop Pa				Volume m³	Weight kg
				AH	ST	SU	SV		
PF 02_00	305 x 305 x 80	150	2,7	65	110	120	140	0,007	2,70
PF 03_00	457 x 457 x 80	335	6,2	65	110	120	140	0,017	3,80
PF 04_00	305 x 610 x 80	300	5,5	65	110	120	140	0,015	4,40
PF 05_00	457 x 610 x 80	450	8,2	65	110	120	140	0,022	5,20
PF 06_00	457 x 305 x 80	225	4,1	65	110	120	140	0,011	3,30
PF 07_00	610 x 610 x 80	600	11,0	65	110	120	140	0,030	7,70
PF 11_00	610 x 915 x 80	900	16,5	65	110	120	140	0,045	11,00
PF 12_00	610 x 1219 x 80	1200	22,0	65	110	120	140	0,059	13,00
PF 13_00	610 x 1524 x 80	1500	27,5	65	110	120	140	0,074	18,00
PF 14_00	610 x 1829 x 80	1800	33,0	65	110	120	140	0,089	21,00
PF 15_00	762 x 305 x 80	375	6,9	65	110	120	140	0,019	6,00
PF 16_00	762 x 610 x 80	750	13,7	65	110	120	140	0,037	10,00
PF 17_00	762 x 762 x 80	950	17,1	65	110	120	140	0,046	11,00
PF 18_00	762 x 914 x 80	1125	20,6	65	110	120	140	0,056	12,00
PF 19_00	762 x 1219 x 80	1500	27,5	65	110	120	140	0,074	17,50
PF 20_00	762 x 1524 x 80	1875	34,4	65	110	120	140	0,093	21,00
PF 21_00	762 x 1829 x 80	2250	41,2	65	110	120	140	0,111	26,00
PF 22_00	914 x 305 x 80	450	8,2	65	110	120	140	0,022	7,20
PF 24_00	914 x 914 x 80	1350	24,8	65	110	120	140	0,067	16,00
PF 25_00	914 x 1219 x 80	1800	33,0	65	110	120	140	0,089	21,00
PF 26_00	914 x 1524 x 80	2250	41,3	65	110	120	140	0,111	22,50
PF 27_00	914 x 1829 x 80	2700	49,5	65	110	120	140	0,134	31,00
PF 55_00	545 x 545 x 80	500	9,5	65	110	120	140	0,024	7,20
PF 51_00	545 x 1155 x 80	1000	19,0	65	110	120	140	0,050	12,50



- ↳ Suggested final pressure drop ≤ 600Pa
- ↳ Maximum pressure drop ≤ 1000 Pa