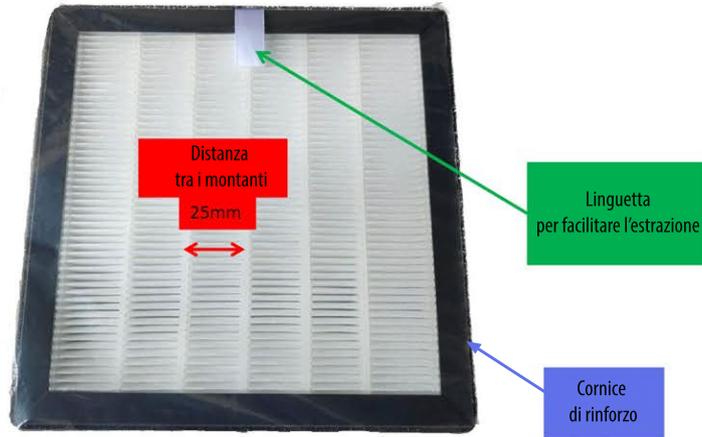


FILTRO F7

Filtro a celle plissettate F7 ad alta efficienza con telaio per flussi di immissione ed estrazione



CNAS L8342

Report № 0134-23A-01

Page 3 of 4

GTTlaboratory

ISO 16890-1: 2016; ISO 16890-2:2016

Clause	Requirement + Test	Result - Remark	Verdict
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Results summary:

Test status: The tests were carried out on the new sample; One sample was tested.

Table 1	Initial pressure loss; ISO 16890-2:2016, Cls. 9.2	--
Test air flow rate (m ³ /h)	500	
Sample No.	Pressure loss (Pa)	
23-0134-01	297	

Table 2	Initial fractional efficiency; ISO 16890-2:2016, Cls. 9.3	--
Test flow rate (m ³ /h)	500	
Test dust / Aerosol	KCl (10%)	
Sample no.	23-0134-01	
Particle-size, µm	Efficiency, E, 95%, min (%)	
0.30-0.40	61.7	
0.40-0.55	70.0	
0.55-0.70	72.2	
0.70-1.00	77.3	
1.00-1.30	83.8	
1.30-1.60	86.9	
1.60-2.20	88.4	
2.20-3.00	90.3	
3.00-4.00	90.5	
4.00-5.50	94.9	
5.50-7.00	95.1	
7.00-10.0	100	

Table 3	Calculation of PM-efficiencies; ISO 16890-1:2016, Cls. 7.2		
Test flow rate (m ³ /h)	500		
Test dust / Aerosol	KCl (10%)		
Sample no.	23-0134-01		
ePM1 (%)	ePM2.5 (%)	ePM10 (%)	
69	75	89	

(Technical Data Sheet):

(Material)	PP Melt-blown and PET Layer	
(Item)	(Unit)	(Value)
(Thickness)	mm	0.40-0.42
(Basis Weight)	g/m ²	70.5
(Efficiency)	%	71.0-73.7%
(Air Resistance)	Pa	3.8-3.9
(Stiffness)	mg	300-350