

VERAIR FILTRI S.r.l. VIA TICINO, 5
 37057 S.GIOV. LUPATOTO (VR) ITALY
 TEL.+39 045 8751226 FAX 8751227
 www.verair.it - info@verair.it
 * **TECNOLOGIE DI FILTRAZIONE** *

FILTER TYPE MWF $g.600/m^2$ - ePM₁₀ 60%

DESCRIPTION OF THE MATERIAL

- * Filter in polyester fibres, multi layered and progressive in structure in order to increase the performance and the dust holding capacity.
- * Deeply impregnated with tackifier to prevent any release of particles already collected and to ensure a protection against paintwork defects.
- * Filter with high efficiency, reinforced with a polyester scrim on the outlet air side to enhance the mat stability during installation, and to increase the mechanical resistance.

APPLICATIONS

- * Ceiling filter for spray booths.
- * Pre-filter for high efficient filters.
- * It guarantees optimal and constant processing standards.

TECHNICAL CHARACTERISTICS		UNIT	NOMINAL VALUE	
Fiber composition		100% polyester fiber		
Nominal weight *		g/m^2	600	± 50
Nominal thickness *		mm	25	± 2
Air permeabilità	UNI EN ISO 9237	l/m^2s	1350	
Initial pressure drop	ISO 16890-2	Pa	32 @ 0,25 m/s	
ePM₁ efficiency	ISO 16890-1	%	5,2	
ePM_{2,5} efficiency	ISO 16890-1	%	13,6	
ePM₁₀ efficiency	ISO 16890-1	%	60,8	
Expected filtration class (on flat sheet media)	ISO 16890-1	Rating	ISO ePM ₁₀ 60%	
	EN 779:2012	Class	M5	
Reaction to fire	DIN 53 438-3	Class	F1	
Working temperature		up to 100°C (peak 120°C)		
PWIS content *	VW PV 3.10.7	Content	Free	

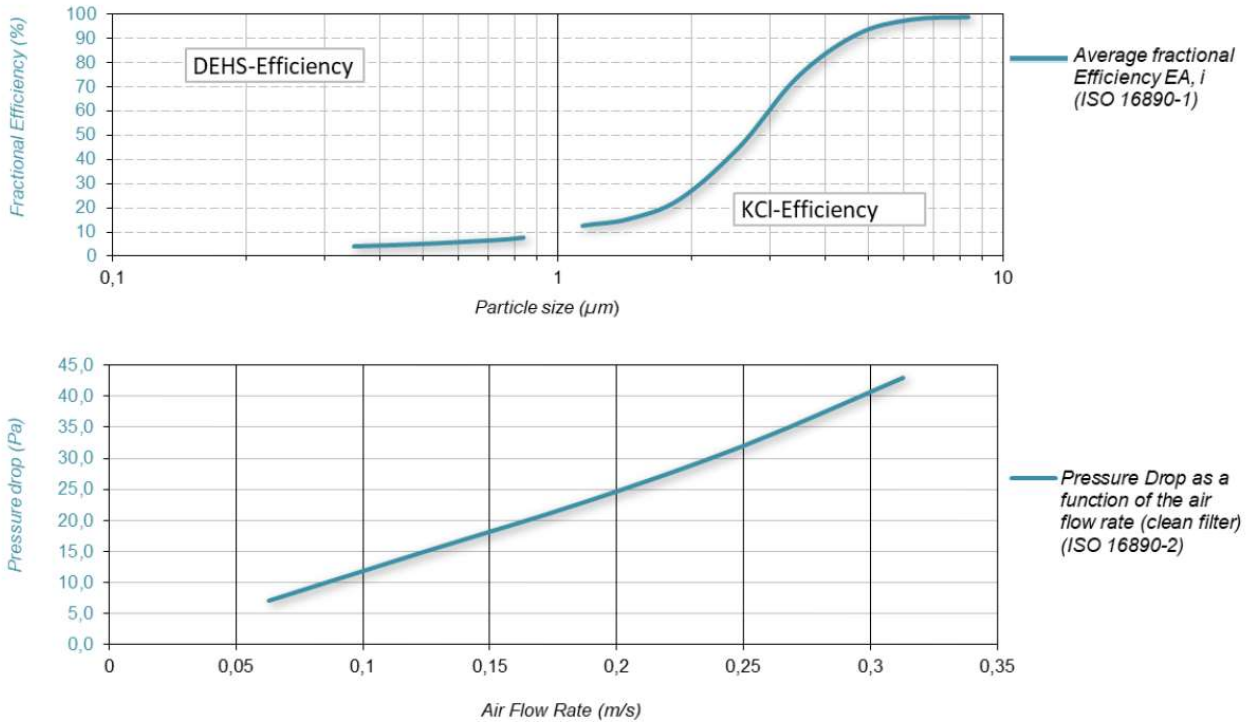
* PWIS = Paint-wetting impairment substances

Note:

* The values refer to the single roll.

** Non-standard dimensions to be agreed. Product width tolerance: - 0 / + 2 [cm] (standard width ref.), - 0 / + 1 [cm] (submultiples ref.).

VERAIR FILTRI S.r.l. VIA TICINO, 5
 37057 S.GIOV. LUPATOTO (VR) ITALY
 TEL.+39 045 8751226 FAX 8751227
 www.verair.it - info@verair.it
 * **TECNOLOGIE DI FILTRAZIONE** *



Prestazioni di filtrazione (ISO 16890-1/2) condizioni di prova :
 - Test effettuato su filtro piano
 - Dimensione area di test: 0.126 m²
 - Velocità del flusso d'aria: 0.25 m/s

Filtration performance (ISO 16890-1/2) test conditions:
 - Test performed on flat sheet sample
 - Face dimensions: 0.126 m²
 - Nominal Air Velocity: 0.25 m/s

Data reported in this technical data sheet have been derived by the results obtained on similar products concerning composition, weight and thickness. These data have to be considered as only indicative of the filter performances under the test conditions reported.

VerAir Filtri Srl reserves the right to change the data contained in this sheet without prior notice.

The information contained in this technical data sheet is given in good faith and corresponds to the information available at the date of compilation. They do not constitute an element of guarantee. This document is not a product specification. The reported values are subject to variations linked to the natural fluctuations of the process. It remains the responsibility of the user to determine the suitability of the information for their own use.