Technical data sheet

VOLZ FILTERS
PROTECT YOUR AIR

Pocket Filter Material
AIRsyntex PM1 80%

AIRsyntex

Tested acc. to: ISO 16890

Tested acc. to: EN 779:2012

Similar to picture

Filter class acc. to ISO 16890		**ISO ePM$_1$ 80%**
Average efficiency	ePM$_1$	80%
	ePM$_{2,5}$	83%
	ePM$_{10}$	95%
Filter class acc. to EN 779:2012		**F9**
Energy class *(Eurovent 4/21)*		
Energy consumption		*not applicable*

Medium	Synthetic - Progressive microfibre
Medium color	White ☐
Max. humidity resistance [%]	100
Max. temperature [°C]	80
Fire protection	DIN 53438 - 3 (F1)

Dimensions [mm] *(width x lenght)*	1 x 1
Filter area [m²]	1
Surface weight approx. [g/m²]	123
Material thickness approx. [mm]	1,9
Labelling	Filter class, type test

Recommended nominal air flow [m³/h/m²]	600
Air velocity [m/s]	0,16
Initial pressure drop [Pa]	90
Recommended final pressure drop [Pa]	300

Available dimensions:

Standard roll lenght [m]	150,00
Maximal roll width [m]	1,53
Maximum cut length [m]	10,00

Initial pressure drop
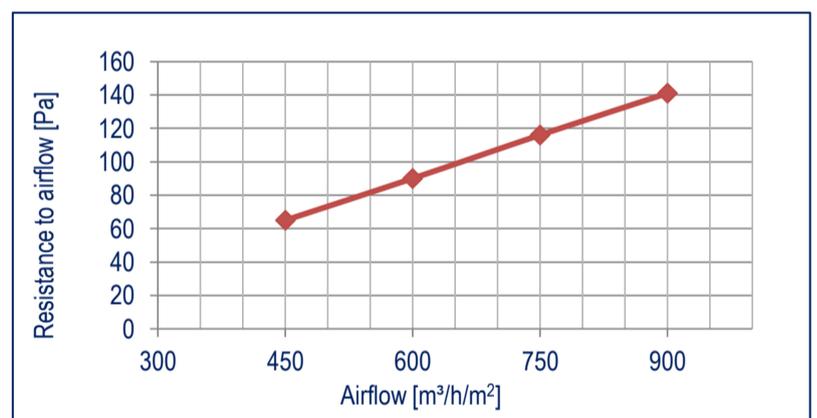
Product Benefits:

➢ *For pre filtration and fine filtration in engineering devices e. g. in airconditioning systems and for painting and drying plants*

➢ *Shatter-proof synthetic fibres, environmentally safe*

➢ *The roll goods is available in following versions: welded, sewn, endless pockets, precuts for finished dimension*

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17.0.25812 HOHENSTEIN HTTI
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Refer to VOLZ filter media

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Hygienerelevante Merkmale
● VDI 6022 (D)
● VDI 3803 (D)
● ÖNORM H 6021 (A)
● SWKI VA104-01 (CH)
● DIN EN 13779 (EU)
● DIN 1946 Teil 4 (D)
● SWKI 99-3 (CH)
● ÖNORM H 6020-1 (A)