

# Filtration media Meltblown PROsyntex Material PM10 65%



Filter class acc. to ISO 16890	Particle efficiency	Filter class acc. to EN 779:2012
ISO ePM10 65	ePM <sub>1</sub>	6 %
	ePM <sub>2,5</sub>	30 %
	ePM <sub>10</sub>	65 %
		M6

*Filter class and efficiency based on ISO testing of a pocket filter 592 x 592 x 600/8ET*

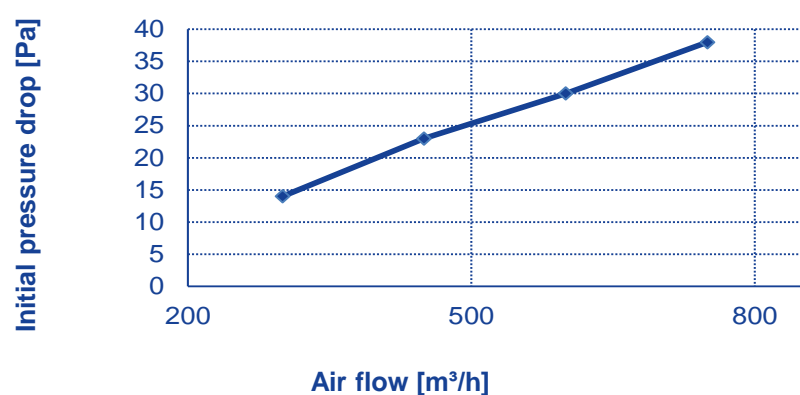
## Operating conditions:

Max. humidity resistance	100 %
Max. temperature	70 °C
Recommended final pressure drop	300 Pa
Potential nominal air flow (short term usage possible)	1,25 x nominal air flow
Fire behaviour	DIN 53438 - 3 (F1)

## Technical data

Filter area	[m <sup>2</sup> ]	1
Surface weight approx.	[g/m <sup>2</sup> ]	180
Material thickness approx.	[mm]	4,5
Recommended nominal air flow	[m <sup>3</sup> /h/m <sup>2</sup> ]	600
Air velocity	[m/s]	0,17
Initial pressure drop	[Pa]	30

## Initial pressure drop



**Medium** Synthetic-progressive microfiber  
**Media color** Green



Store in a dry and clean place, protect from moisture and sunlight. Storage temperature between 0 °C and 35 °C. Store the rolls vertically. The maximum relative humidity of the storage conditions is 85%. Storage time max. 2 years from the delivery date. Storage and transport in the original packaging.

## Product benefits:

- Multi-layer structure of the filter media
- Shatter-proof synthetic fibres
- Progressive structure ensures full utilisation of the filter media
- BIOSTATIC version ideally to be used when hygiene demands are high and in environments with increased air humidity
- Testing for paint compatibility by Fraunhofer IPA (not valid for the biostatic version)
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology

## Versions:

- Available in rolls
- Also available in the following versions: welded endless pockets, sewn, precuts for finished dimension
- Optional **BIOSTATIC version**: the ingredients located within the synthetic fibers „BIO-Hunter RX-106“ and "Silver-Phosphate-Glass" (BIOZIDE) prevent odors and the formation of microorganisms on the filter which is harmful to the health
- Standard roll length: 150,00 m
- Standard roll width: 1,53 m
- Maximum cut length: 10,00 m

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