

# Filtration media Polyester

## Pocket filter material PM10 50%



Filter class acc. to ISO 16890	Particle efficiency	Filter class acc. to EN 779:2012
ISO ePM10 50	ePM <sub>1</sub>	3 %
	ePM <sub>2,5</sub>	10 %
	ePM <sub>10</sub>	50 %
		M5

*Filter class and efficiency based on ISO testing of a pocket filter 592 x 592 x 600/6ET*



Similar to picture

### Operating conditions:

Max. humidity resistance	100 %
Max. temperature	80 °C
Recommended final pressure drop	300 Pa
Max. airflow (short term usage possible)	1,25 x nominal air flow
Fire behaviour	DIN 53438 - 3 (F1)

Medium Polyester  
Media color  White



Store in a dry and clean place, protect from moisture and sunlight. Ensure sufficient air supply. Store the rolls vertically. Storage temperature between 0°C and 40°C. Storage time max. 2 years from the delivery date. Storage and transport in the original packaging.

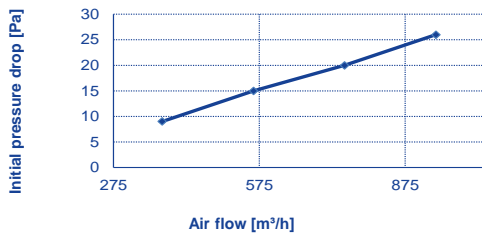
### Technical data

Filter area	[m <sup>2</sup> ]	1
Surface weight approx.	[g/m <sup>2</sup> ]	230
Material thickness approx.	[mm]	7,5
Recommended nominal air flow	[m <sup>3</sup> /h/m <sup>2</sup> ]	750
Air velocity	[m/s]	0,21
Initial pressure drop	[Pa]	20

### Product benefits:

- Progressive structure-filter media is compressed towards clean air side and takes full depth of fibrous web for dust absorption
- Shatter-proof synthetic fibres
- Testing for paint compatibility by Fraunhofer IPA
- For use in air-conditioning and ventilation systems of all kinds as well as in painting technology

### Initial pressure drop



### Versions:

- Available in rolls
- Also available in the following versions: welded endless pockets, precuts for finished dimension
- Standard roll length: 90,00 m
- Maximum roll width: 2,30 m
- Maximum cut length: 10,00 m



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