

# Filtration media Polyester

## Pre-filtration mat FL100



Filter class acc. to ISO 16890	Particle efficiency	Filter class acc. to EN 779:2012
ISO Coarse 40%		G2



### Operating conditions:

Max. humidity resistance	100 %
Max. temperature	80 °C
Recommended final pressure drop	200 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

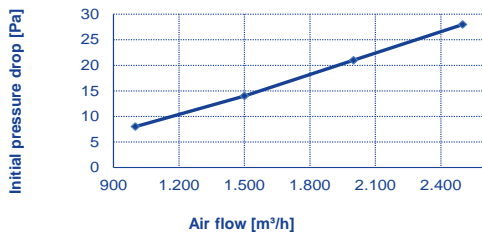
Filter area	[m <sup>2</sup> ]	1
Surface weight approx.	[g/m <sup>2</sup> ]	100
Material thickness approx.	[mm]	6,0
Recommended nominal air flow	[m <sup>3</sup> /h/m <sup>2</sup> ]	5.400
Air velocity	[m/s]	1,50
Initial pressure drop	[Pa]	21

*measured on a flat sheet 610 x 610 mm*

### Product benefits:

- Shater-proof synthetic fibres-100% polyester
- The filter media is compressed towards clean air side allowing the full depth of the media to absorb dust
- Thermally bonded
- High dust holding capacity due to the progressive density structure of the media
- Testing for paint compatibility by Fraunhofer IPA
- For coarse dust filtration with demands on higher air flows and high dust holding capacity
- For filtration in all types of air conditioning and ventilation and general industrial painting

### Initial pressure drop (flat sheet tested)



### Versions:

- Rolls in standard dimensions
  - Rolls in special dimensions and custom prints available-depending on the quantity
  - Cut pads available
  - Pad holding frames available
  - Custom shapes can be produced
  - Also available as filter tube or filter bag
- Standard roll length: 40,00 m  
• Max. roll width: 2,20 m  
• Max. cut length: 10,00 m



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