

Filtration media Polyester Pre-filtration mat KA100



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



Similar to picture

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

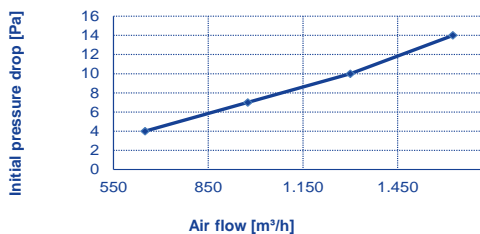
Filter area	[m ²]	1
Surface weight approx.	[g/m ²]	100
Material thickness approx.	[mm]	10,0
Recommended nominal air flow	[m ³ /h/m ²]	3.600
Air velocity	[m/s]	1,00
Initial pressure drop	[Pa]	10

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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