

# Filtration media Meltblown PROsyntex Material PM2,5 70%



| Filter class acc. to ISO 16890 | Particle efficiency     | Filter class acc. to EN 779:2012 |
|--------------------------------|-------------------------|----------------------------------|
| ISO ePM2,5 70                  | ePM <sub>1</sub> 60 %   | F7                               |
|                                | ePM <sub>2,5</sub> 70 % |                                  |
|                                | ePM <sub>10</sub> 90 %  |                                  |

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

## 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)      |

Medium Synthetic-progressive microfiber  
Media color Pink



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.

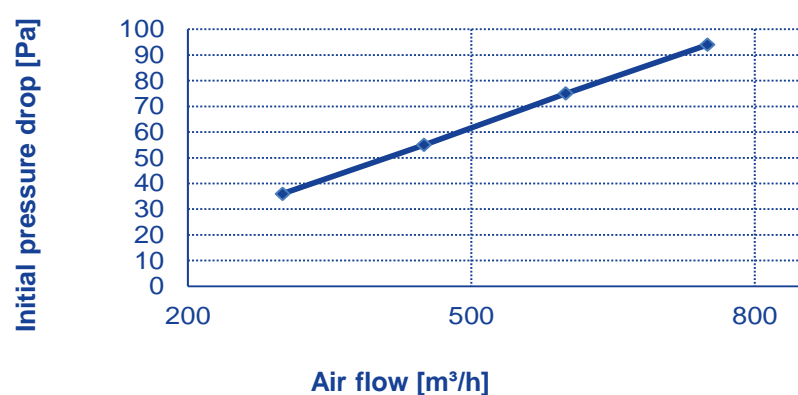
## Technical data

|                              |                                     |      |
|------------------------------|-------------------------------------|------|
| Filter area                  | [m <sup>2</sup> ]                   | 1    |
| Surface weight approx.       | [g/m <sup>2</sup> ]                 | 175  |
| 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]                                | 75   |

## 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

## Initial pressure drop



## 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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