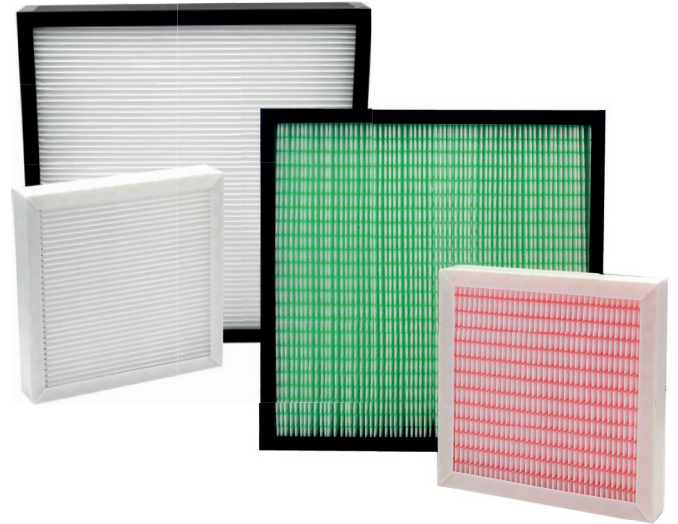




Panel filters

The high-quality panel filters of the „**Top Line DE**“ and „**Performance Line EU**“ series from BRANOfilter are equipped with a **synthetic non-woven filter medium** and are given a flow-favorable V-shaped pleat geometry and high inherent stability by spacers made of hotmelt glue.

Favored by the uniform flow with **low pressure differences (even at high volume flows)** and the resulting uniform dust distribution over a large filter area, the products achieve a particularly high dust holding volume and a **long, energy- and cost-efficient service life**.



Areas of application

- Ventilation and air conditioning systems (supply and recirculation air) for use in office buildings, schools, hospitals, hotels, computer centres, production halls as well as in pharmacy and in food production
- Suitable for systems with high volume flow rates, low overall heights or limited space conditions
- For use in forced ventilation systems for low-energy technology with or without heat recovery
- As a pre-filter

Sizes

- Standard sizes as well as special sizes up to 600 x 1.200 mm or larger (on request)
- Frame heights: 25 mm, 48 mm and 96 mm

Frame types

- Polypropylene foam (PP)
- Polystyrene plastic (PS)
- Polystyrene plastic (PS) with head frame



Made in Germany

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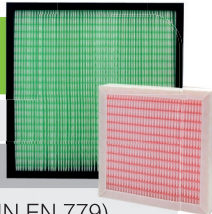
BRANOfilter
Solutions with System



Product features

Top Line DE

- Synthetic MiniPleat made from 100 % PP
- All components „Made in Germany“
- Tested according to ISO 16890 (formerly: DIN EN 779)
- Very high air permeability
- Fully incinerable
- Filter media with very low pressure drop
- Moisture resistance up to 100 % r.F.
- Temperature resistance up to max 80 °C
- No bacterial growth
- Continuous fibres that are harmless to health
- Extremely robust and resistant
- Completely hydrophobic filter design



Performance Line EU

- Synthetic MiniPleat made of PP and PET
- All components „Made in EU“
- Tested according to ISO 16890 (formerly: DIN EN 779)
- High air permeability
- Fully incinerable
- Filter media with low pressure drop
- Moisture resistance up to 90 % RH
- Temperature resistance up to max 70 °C
- No bacterial growth
- Continuous fibres that are harmless to health
- Robust and resistant
- Synthetic materials according to VDI 6022



Specifications

Top Line DE

592 x 592 x 96 mm

Filter class ISO 16890	Nominal volume flow	Initial pres- sure drop	Filter class DIN EN 779: 2012
ePM10 55 %	3.400 m ³ /h	51 Pa	M5
ePM10 70 %	3.400 m ³ /h	80 Pa	M6
ePM2,5 65 %	3.400 m ³ /h	129 Pa	F7
ePM1 70 %	3.400 m ³ /h	152 Pa	F8
ePM1 80 %	3.400 m ³ /h	238 Pa	F9

Performance Line EU

593 x 593 x 96 mm

Filter class ISO 16890	Nominal volume flow	Initial pres- sure drop	Filter class DIN EN 779: 2012
ePM10 55 %	2500 m ³ /h	75 Pa	M5
_____	_____	_____	_____
ePM1 70 %	2500 m ³ /h	140 Pa	F7
_____	_____	_____	_____
ePM1 80 %	2000 m ³ /h	170 Pa	F9



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