



# TEXFILT FLAT PANEL FILTERS

**G 3**  
EN  
779

**EU 3**  
DIN  
24 185

**G 4**  
EN  
779

**EU 4**  
DIN  
24 185

**F 5**  
EN  
779

**EU 5**  
DIN  
24 185

- Tested according to EN 779
- Filter classes G3-F5
- Can be used with different types of filter mats
- Changing metal frame
- High dust holding capacity
- Long service life



## The application

Flat panel filters are designed for fine- and coarse-dust separation in special application areas in ventilation and climate control – especially in supply-air systems in industry, and in extracted-air systems for removal of oil and emulsion mist from the air. They can be also installed into ventilation systems of spray paint cabins, or drying facilities. Filters are available in standard and custom-made sizes.

## Material characteristics

-Synthetic prefilter mats

The filter medium used is a progressively structured nonwoven made of breakresistant synthetic-organic fibers.

-Synthetic fine filter mats

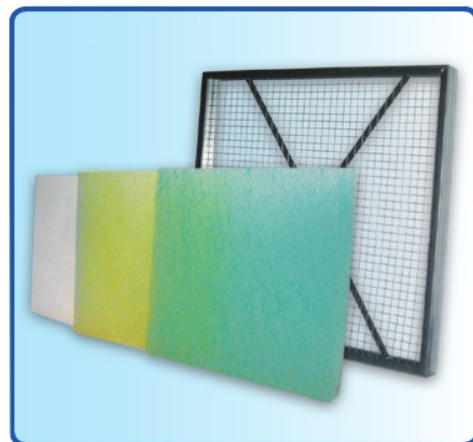
Produced from elastic, break-resistant polyester fibers. These nonwovens are thermally bonded and specially smoothed on the clean air side, in order to assure excellent fiber bonding.

-Prefilter glass fibre mats

The filter media is made of continuous filament glass fibres with an open weave pattern that allows particles to penetrate deep into the pad.

-HT-glassfibre mats

Temperature resistance up to 300 °C. Contains no silicone or other lacquer harming substances.

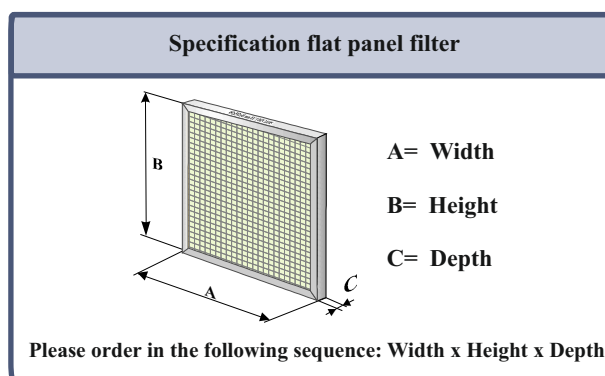


C L E A N   A I R   W I T H   F U L F I L T E R

## Technical filter test data in accordance with EN 779

Tested size		592x592x20	592x592x25	592x592x48	492x492x20
Media		PES Prefilter	PES Fine filter	Glass Prefilter	Glass HT filter
Filter Class		G4	F5	G3	G4
Average arrestance $A_a$ %		>90	99	80-90	>90
Volume flow rate	m <sup>3</sup> /h	1700	900	2000	1000
Initial pressure drop	Pa	30	85	35	70
Recommended final pressure drop	Pa	250	450	250	250

## Standard sizes for Texfilt Flat panel filters



Dimensions Widt xHeightx Depth mm	Filter Area m <sup>2</sup>
287x287x20	0.08
287x490x20	0.14
287x592x20	0.17
392x492x20	0.19
492x492x20	0.24
592x592x20	0.35
392x622x20	0.24
492x622x20	0.30

Dimensions Widt xHeightx Depth mm	Filter Area m <sup>2</sup>
287x287x25	0.08
287x490x25	0.14
287x592x25	0.17
392x492x25	0.19
492x492x25	0.24
592x592x25	0.35
392x622x25	0.24
492x622x25	0.30

Dimensions Widt xHeightx Depth mm	Filter Area m <sup>2</sup>
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287x490x48	0.14
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492x492x48	0.24
592x592x48	0.35
392x622x48	0.24
492x622x48	0.30

Special sizes on request

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