

Application

Synthetic filtration media are used as prefilters or first level filters for air-conditioning and ventilation units, as protection of compressor stations, electrical switchboards, production halls, industrial plants etc... They are used for filtration of coarse dust particles. The materials are nonflammable, self-extinguishing and harmless to health.



Properties

Recommended Final Pressure Drop	250 Pa
Temperature Resistance	100°C
Flammability DIN 53438	K1 / F 1
Relative Humidity	100%

Code	Efficiency	Class En 779	Weight gr/m ²	Thickness mm	Dimension m	Initial Pressure Drop@0,25 m/sec
T 100	65%	G2	100	8	2x40	20
T 150 / M150	75%	G3	150	10	2x40	25
T 200 / M200	80%	G3	200	18	2x20	30
T 270 / M 270	85%	G4	270	20	2x20	35
T500	95%	G4	500	22	2x20	40

FILTER DESCRIPTION

The filter media consist of randomly arranged, nonwoven twisted synthetic fibres of varying thickness, which are reinforced with synthetic bonding material (or thermally) to make firm and stable filtration fleece.

Synthetic Filter Media

MGT MATS are used for intake air filtration in all kinds of ventilation systems. Thanks to their high dust holding capacity and the resultant long useful lifetimes, MGT MATS are particularly economic option.

The filter mats from this series are especially effective in applications requiring stable arrestance in spite of high dust holding capacity and high air flow rates.

Depth Loading

The airlaid principle of Fiberbond polyester media is to randomly disperse fibers in all directions throughout the web. This forms a uniform media of high strength and durability. A high volume of contaminants can be trapped within the complete depth of fiber.

MGT Air Filter offers a wide range of high quality polyester filter media available in rolls and pads. Rolls are offered in any size slit widths and pads are cut to your exact dimensions. This media is used in our Filter Pad Holding Frames.