



## FG1 - FG2 - FG4

*MATGLASS filter media in glass fiber*

Product	FG 1	FG 2	FG 4
UNI EN 779 class	G 2	G 3	G 4
EUROVENT class	EU 2	EU 3	EU 4
Am ASHRAE 52.1.1992	70 - 75 %	80 - 85 %	90 %
Suggested final pressure drop	150 Pa	150 Pa	150 Pa
Maximum operating temperature	120 °C	120 °C	120 °C
Fire reaction according to DIN 53438	F 1	F 1	F 1

FG MATGLASS filter media are made of glass fibers of various sizes, distributed with progressive densities in the direction of the air flow and combined with special resins.

They allow for better dust holding and high build-up capacity.

FG 1 - 2 - 4 media are made with three different thickness and weights to offer a selection of products that can better meet the requirements of use. They are supplied in 20 m. rolls 2 m. wide or on request in panels of various sizes. The arrestance/dust filtration efficiency is different for the three models, from medium to medium-high (from G2 to G4).

Dust holding capacity is very high. Another advantage of the MATGLASS media is their insensitivity to atmospheric agents. The media are self-extinguishing belonging to class F1 DIN 53438 and tolerate temperatures up to 120°C. The media are disposable and must be properly disposed of at the end of their operating life.

**Applications** FG MATGLASS filter media are widely used in industries, in painting plants and in the energy sector. They can be used as sole filtration elements. In bigger applications they are installed as pre-filters upstream of higher efficiency filters to extend their operating life.

**Installation** FG MATGLASS filters are suitable for installation in proper galvanized steel sheet frames. These panels can be insulated in a flat, perpendicular position to the air flow, or V-positioned in proper U-shaped guides from which they can be extracted for maintenance operations.

Type	Dimensions					Rated air velocity m/s	Initial pressure drop Pa
	Length (m)		Height (m)		Thickness (mm)		
FG 1	20	x	2	x	25	1,5	20
FG 2	20	x	2	x	50	1,5	25
FG 4	20	x	2	x	100	1.5	35

### Typical curves

