

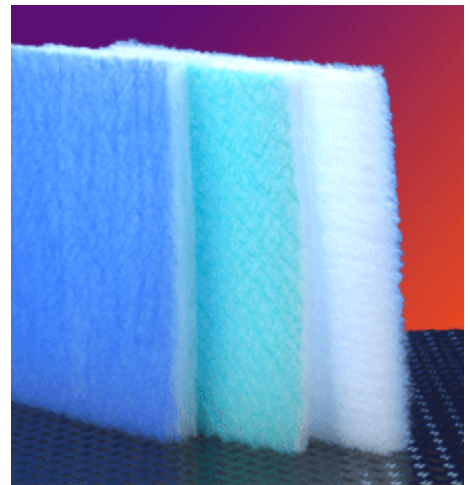


## VERFILTAN® + Microglass coarse and prefilters for several application fields

### description

Our **Verfiltan**® V1 + V2 media is slightly compressed on the clean air side for filter classes G1 and G2 according to DIN EN 779. In addition our **Verfiltan**® V2 is slightly oiled for better adhesion of dust.

The tangle fleece V4, being totally dry, is mainly used as paint mist eliminator in bottom filters of paint shops. Alternatively it can be used as pre-cut part in our exchangeable plastic frame system.



### Microglass

This glass fibre fleece, surrounded by aluminium mesh, has an additional compressed tangle fleece on the clean-air side. **Microglass** is mainly used in drying cabins, drying kilns and paint shops. **Microglass** offers a temperature stability of up to approx. 300 °C.

### characteristics

- filter classes G1 – G4 according to DIN EN 779
- stability at 100% relative humidity
- max. operating temperature **Verfiltan**® 180 °C
- max. operating temperature **Microglass** 300 °C

### fields of application

- turbines, also as coalescer
- compressors
- air handling units
- processing air
- individual offtake for work benches
- mist lacquer separator (bottom filters)
- drying kilns (Microglass)

### possible installations

- planfilter in EMW exchangeable plastic frame
- planfilter in EMW combination systems
- planfilter in various custom-designed housings

### dimensions

- for standard rolls:
  - 100000 x 1016 mm
  - 100000 x 1524 mm
  - 100000 x 2000 mm
- pre-cut parts on request
- for standard – exchangeable plastic frames in 596 x 596 x 50 mm, frame material polystyrene, fully incinerable

**glass fibre media Verfiltan®****technical data****technical data**

operating data of VERTIFILTAN® coarse dust filter\* according to DIN EN 779  
(except coalescer and Microglass):

type	thickness [mm]	air flow [m/s]	dp initial [Pa]	dp final** [Pa]	filter class DIN EN 779	dust holding capacity** [g]
<b>V2 oiled</b>	50	2,5	15	250	G1	450
<b>V4 / 50</b>	50	2,5	38	250	G2	450
<b>V4 / 75</b>	75	2,5	45	250	G2	570
<b>V4 / 100</b>	100	2,5	65	250	G3	720
<b>V4 / melamine</b>	75	2,5	45	550	G2	coalescer
<b>Microglass</b>	15	1,2	70	250	G4	

\* : The given measured values only give an indication, as the operating data depend on condition at location, i.e. at different dust composition data may change respectively.

\*\* : Dust holding capacity was measured at recommended final pressure. Depending on the application and installation, higher or lower final pressures can be driven, whereas the dust holding capacity may change correspondingly.