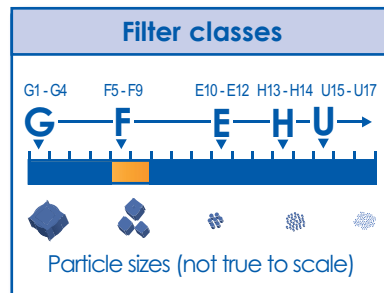




Fine filtration mats



Applications

- For general industrial paintings (V300S, V400S)
- For final filtration of supply air in painting and paint-spraying units (V500S, V560G, V600G, V5micron)

Classification acc. to EN 779

- Filter class **F5**
- Filter class **F6**

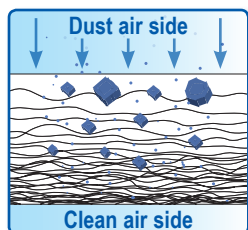
Versions

- Standard rolls 2 x 20m
- Precuts for finished dimension
- Precuts are packed under clean room conditions

Material characteristics

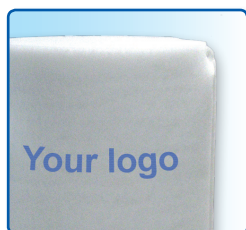
- Tested according to EN 779
- Fire prevention requirements according to DIN 53438-3 (F1)
- Humidity resistant up to 100% r. h.
- Temperature resistant up to 80°C
- Contains no silicone or other lacquer harming substances

Benefits of VOLZ Filters



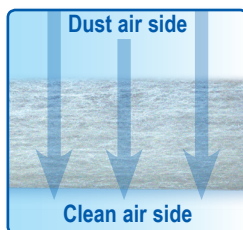
Progressive structure

- The filter media is compressed towards clean air side and takes the full depth of fibrous web for dust absorption



Special prints

- Special prints are possible depending on certain quantities



High performance media

- V500S, V560G, V600G and V5micron are additionally impregnated with dust adhesive
- Polyester-textile on clean air side gives V560, V600G and V5micron a higher stability

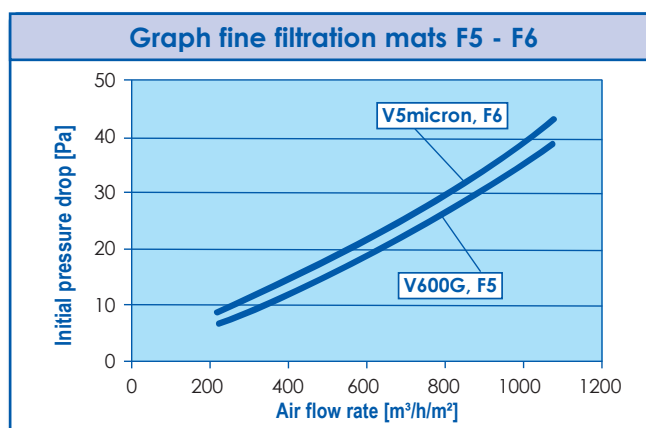


- Filter media is produced in-house
- Quality control of the complete production with internal filter test equipment and modern quality-management-tools
- Environment-friendly and easily disposable

Versions fine filtration mats F5 - F6

Product	Filter class	Material thickness approx.	Surface weight approx.	Initial pressure drop *	Recommended final pressure drop	Nominal air flow rate	Air velocity	Average arrestance on 0.4 µm
		mm	g / m ²	Pa / m ²	Pa / m ²	m ³ / h / m ²	m / s	%
V300S	F5	15	300	15	450	900	0.25	40 - 60
V400S	F5	20	400	20	450	900	0.25	40 - 60
V500S	F5	25	550	25	450	900	0.25	40 - 60
V560G	F5	19	500	25	450	900	0.25	40 - 60
V600G	F5	25	650	30	450	900	0.25	40 - 60
V5micron	F6	25	750	35	450	900	0.25	60 - 80

*flat sheet tested

Graph fine filtration mats F5 - F6

VOLZ Luftfilter GmbH & Co. KG

Robert-Bosch-Straße 25
D-72160 Horb am Neckar

Phone: +49 7451 5516-0
Fax: +49 7451 5516-120

info@volzfilters.com
www.volzfilters.com

All information, images and pictures are property of VOLZ Luftfilter GmbH & Co. KG and are provided to the best knowledge. However VOLZ Luftfilter GmbH & Co. KG does not guarantee the completeness or correctness and cannot be held responsible for damages caused by the recipient's usage or his confidence in the completeness or correctness of the information. The stated data contains average values with tolerances as a result of production irregularities; therefore it does not relieve the recipient of own examination and tests. For the correctness of the information in particular cases, an explicit and written affirmation through VOLZ Luftfilter GmbH & Co. KG is required. Furthermore, the data serves as a service description and cannot be interpreted as warranted properties or durabilities.