



Fine Filtration Synthetic Media

M5 - M6 ePM 10
50% - 65%

Choose Fine Filtration Synthetic Media for optimum final filtration



A safe and environmentally friendly alternative to glass fibre, our range of non-shedding synthetic **Fine Filtration Media** are tested according to ISO 16890 - EN 779:2012 and are ideal for general industrial painting and paint spraying units.

The key benefits

1

Silicone free

All of our fine filtration synthetic media versions are silicone free.

2

Progressive structure

The progressive structure of this non-shedding synthetic media means the full depth of the material is used, increasing its dust holding capacity. All of the V5 and V6 medias are available tackified with dust adhesive to ensure greater stickiness of dust particles to the media material.

3

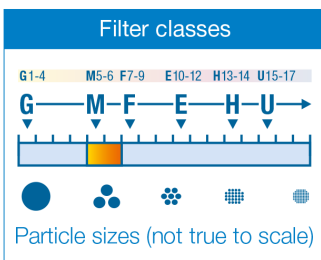
Environmentally friendly

All our Fine Filtration Synthetic Media are fully incinerable.

4

Flexible

Available in various size rolls, cut pads, filter socks and wire frames.



Painting & drying technology



Air conditioning & ventilation technology

Fire retardant to DIN53438-3 (F1)



Certificate No: 15.05.011. Volz GmbH.



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Applications

- Spray booth 1st stage filtration
- Spray booth 2nd stage filtration
- General industrial paint spraying
- General air filtration

- Silicone free
- V560G, V600G and V5 micron have a polyester backing on the clean air side for greater stability in any frame.

Versions

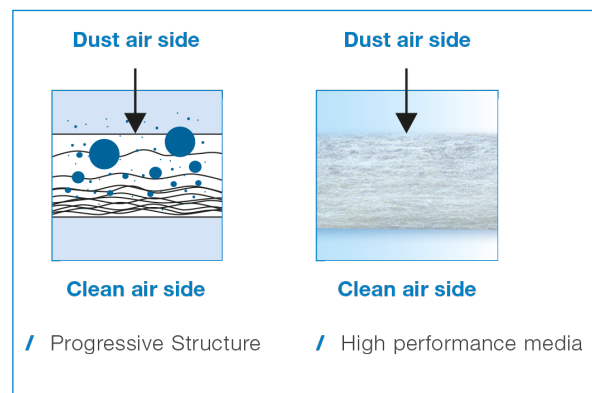
- Six variations in the range
- V500S, V560G, V600G and V5micron are tackified
- V560G, V600G and V5micron have a rear scrim

Material Characteristics

- Tested according to EN 779:2012 and ISO 16890
- Reliable non-shedding synthetic fibres
- Fire prevention requirements according to DIN 53438-3 (F1)
- Humidity resistant up to 100% r.h
- Temperature resistant up to 80°C

Classification

- Filter class M5-M6 ePM 10 50% - 65%



Versions Fine Filtration Media M5 - M6 ePM 10 50% - 65%								
Product	Filter class	Material thickness approx.	Surface weight approx.	Initial pressure drop	Recommended final pressure drop	Nominal Airflow Rate	Air velocity	Average arrestance
		mm	g / m ²	Pa	Pa	m ³ / h / m ²	m / s	%
V300S	M5 ePM 10 50%	15	300	15	450	900	0.25	40 - 60
V400S	M5 ePM 10 50%	20	400	20	450	900	0.25	40 - 60
V500S	M5 ePM 10 50%	25	550	25	450	900	0.25	40 - 60
V560G	M5 ePM 10 50%	19	500	25	450	900	0.25	40 - 60
V600G	M5 ePM 10 55%	25	650	30	450	900	0.25	40 - 60
V5micron	M6 ePM 10 65%	25	750	35	450	900	0.25	60 - 80