



Fine Filtration Synthetic Media

Fine Filtration M5 - M6 Tested according to EN 779:2012



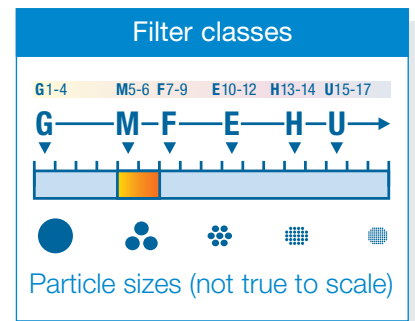
Fire retardant to DIN53438-3 (F1)



Certificate No: 15.06.011. Volz GmbH.

A safe and environmentally friendly alternative to glass fibre, our range of non-shedding synthetic fine filtration media are tested according to EN 779:2012 and are ideal for general industrial painting and paint spraying units.

Choose Fine Filtration Synthetic Media for optimum final filtration.



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.



Air conditioning & ventilation technology



Painting & drying technology



Fine Filtration Synthetic Media

APPLICATIONS

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

VERSIONS

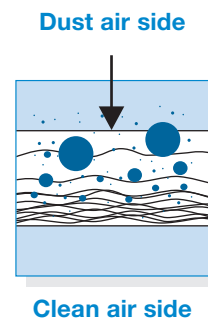
- Six variations in the range
- V500S, V560G, V600G and V5micron are tackified
- V560G, V600G and V5micron have a rear scrim

CLASSIFICATION

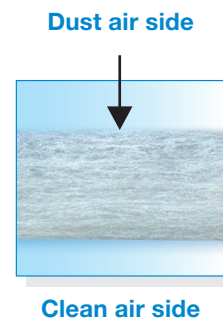
- Filter class M5-M6

MATERIAL CHARACTERISTICS

- Tested according to EN 779:2012
- 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
- Silicone free
- V560G, V600G and V5 micron have a polyester backing on the clean air side for greater stability in any frame.



/ Progressive Structure



/ High performance media

Versions Fine Filtration Media M5 - M6								
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	15	300	15	450	900	0.25	40 - 60
V400S	M5	20	400	20	450	900	0.25	40 - 60
V500S	M5	25	550	25	450	900	0.25	40 - 60
V560G	M5	19	500	25	450	900	0.25	40 - 60
V600G	M5	25	650	30	450	900	0.25	40 - 60
V5micron	M6	25	750	35	450	900	0.25	60 - 80