

Fine filtration mats F5

Applications <ul style="list-style-type: none"> <input type="checkbox"/> Particularly for the final filtration of the supply air in painting and paint-spraying equipment. <input type="checkbox"/> for general industrial paintings (V300S and V400S) 	Filter class EN779 <p>filter class F5 (EU5)</p>
Material characteristics <ul style="list-style-type: none"> <input type="checkbox"/> tested according to EN779 <input type="checkbox"/> lacquer compatibility according to IPA-testing <input type="checkbox"/> flame resistance according to DIN43438, F1 <input type="checkbox"/> humidity resistance up to 100% r. F. <input type="checkbox"/> temperature resistance up to 100°C <input type="checkbox"/> out of silicon 	Versions <ul style="list-style-type: none"> <input type="checkbox"/> standard rolls 20 X 2m <input type="checkbox"/> precuts on finished size <input type="checkbox"/> special printing available at a determined purchase



High performance filter media

The fleece consists of shatterproof, thermally bound synthetic fibers.

Progressive structure of depth

The full depth of the fleece can be used by the medium consolidated to the pure downstream face for dust storage.

Volz-fine-filtration-filter-types

- V300S filter class F5, thickness approx. 15 mm
- V400S filter class F5, thickness approx. 20 mm
- V500S filter class F5, thickness approx. 22 mm with dust bonding agent impregnated, clean air side with plastic net strengthening.
- V600G filter class F5, thickness approx. 24 mm with dust bonding agent impregnated, clean air side particularly consolidated, smoothed and with polyester tissue strengthening.

Optimal separating achievement when painting

Lacquer-damaging particles >10mm are separated by optimal fiber combination and the detention-active equipment to 100%.

Highest requirements

The Volz V600G ceiling filter reaches the highest claims of quality for the automobile industry.

The clean-air-side polyester tissue increase the stability of the filter mat and protects it against dust breaking-through with the result of possible injures when assembling.

The optimal separating achievement of lacquer-damaging particles remains at high temperatures.

Own production

All VOLZ fine filter mats are manufactured on modern fleece material plants.

Quality control

The production is supervised among other things by PALAS particle measuring technique continuously and strictly.

PRE FF 120303 VE

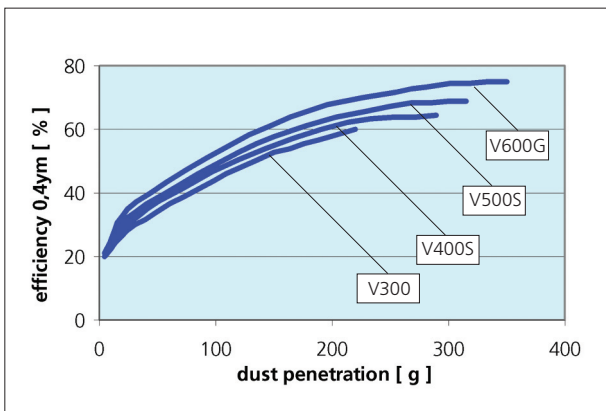
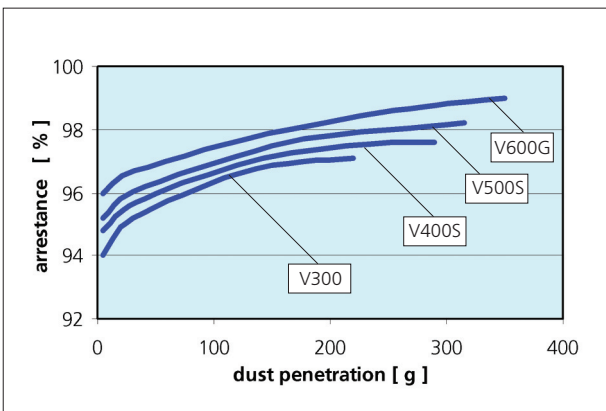
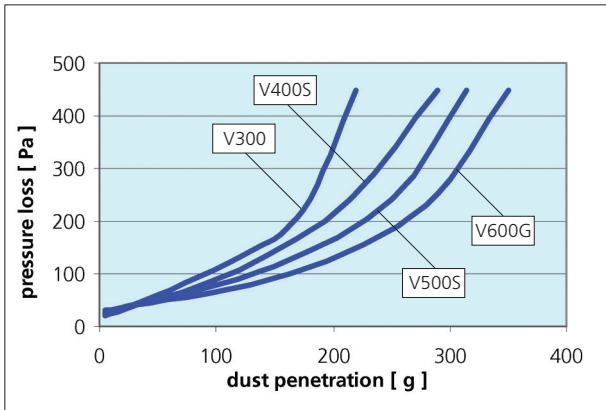
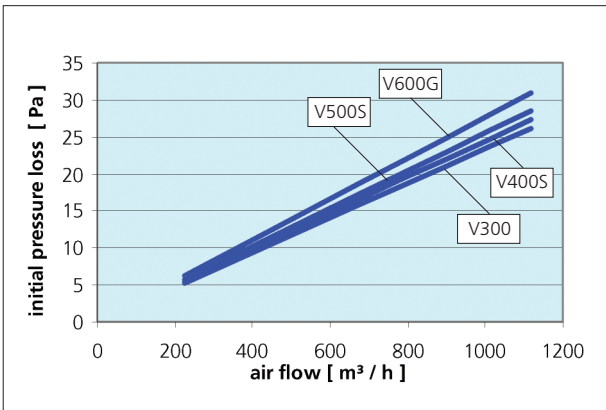
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VOLZ
LUFTFILTER

Fine filtration mats F5 V600G, V500S, V400S, V300

Filter technical test datas *



specification	material thickness approx. mm	weight per sqm g / m ²	rated air flow m ³ / h / m ²	air velocity m / s	initial pressure loss Pa	middle arrestance %	middle efficiency 0,4µm %	dust holding capacity g	final pressure loss Pa	filter class
V 600 G	25	600	900	0,25	25	97	53	330	450	F5
V 500 S	25	500	900	0,25	23	97	51	310	450	F5
V400S	20	400	900	0,25	22	97	51	290	450	F5
V 300	15	300	900	0,25	21	95	48	220	450	F5

Indications:

Tested according to EN779.

Measured values refer to 1 m² filter area.

* With indicated test datas it gives average values with tolerances due to variations of the production.

For the correct of the datas it will require the express, written confirmation in individual cases by Volz Luftfilter.

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