

# Glass fiber mats G2 – G4

Applications	Filter class EN779
<p><b>Paint-Stop-green</b> is used for the separation of ink mist in paint-booth systems and color spraying cabins</p> <p><input type="checkbox"/> in the automobile industry</p> <p><input type="checkbox"/> manufacturing plants for furniture, windows, machines</p> <p><b>Dust-Stop-yellow.</b> To the separation of dry types of dust</p> <p><input type="checkbox"/> in carpenter's workshops, metalworking enterprises, etc.</p>	<p>filter class <b>G2 (EU2)</b></p> <p>filter class <b>G3 (EU3)</b></p> <p>filter class <b>G4 (EU4)</b></p>
Material characteristics	Versions
<p><input type="checkbox"/> flame resistance according to DIN4102</p> <p><input type="checkbox"/> lacquer compatibility according to IPA-testing</p> <p><input type="checkbox"/> out of silicon</p> <p><input type="checkbox"/> acetone resistance</p>	<p><input type="checkbox"/> roll media</p> <p><input type="checkbox"/> precuts on finish size</p> <p><input type="checkbox"/> available material thicknesses: – 50 / 75 / 100 mm</p> <p><input type="checkbox"/> Dust-stop-yellow oiled also in 25 mm thickness available.</p>



## Form flexible fiber structure

The low compressibility of the irregularly stored glass fibers prevents a squeezing of the medium together in subjected condition and favours a high grade of separation.

## Progressive structure of depth

The medium consolidated to the pure downstream face ensures a line-to-store transfer of the lacquer and / or dust particle over the entire material depth.

## Colored marking

The dust downstream face is for recognition green or yellow dyed.

## Glass fiber mat „Paint-Stop-green“

The paint-stop-green binds the colour particles and protects so the air canals, ventilations and motors.

## Own production

VOLZ Paint-stop-green and Dust-Stop-yellow mats from our own production are subject to durable and strict quality controls.

## VOLZ Dust-Stop-yellow

The medium is additionally with an antibacterial dust bonding agent equipped and for the separation of dry types of dust.

PRE PS 120303 VE

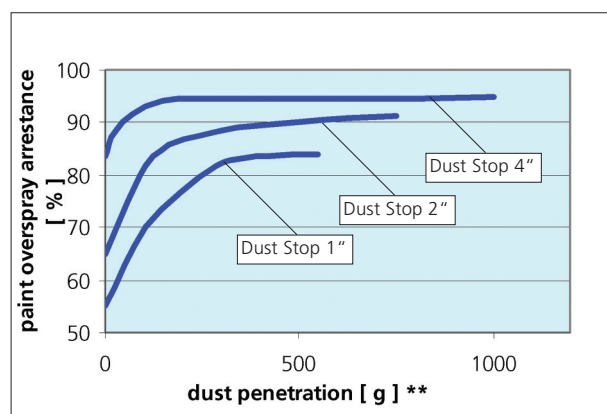
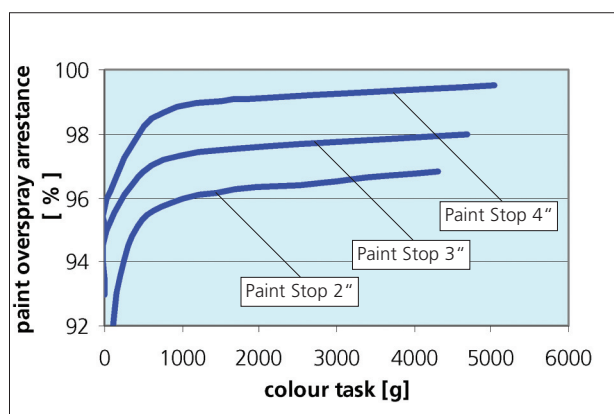
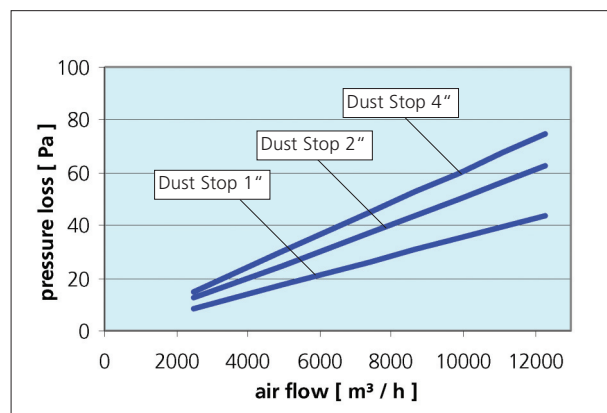
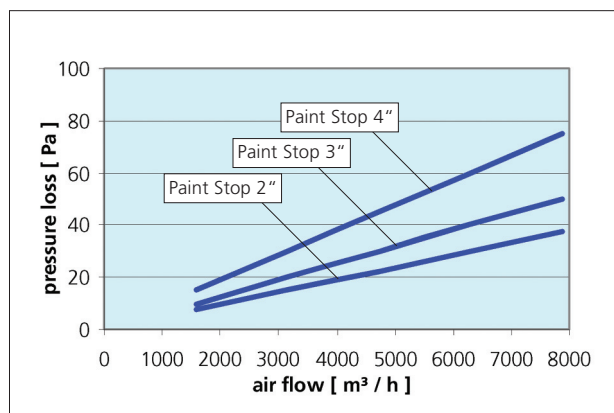
VOLZ Luftfilter  
Robert-Bosch-Straße 25  
D-72160 Horb (Bildechingen)  
Germany

Telefon +49 (0)7451 55 16 - 0  
Telefax +49 (0)7451 55 16 - 900  
Internet [www.volz-luftfilter.de](http://www.volz-luftfilter.de)  
E-Mail [info@volz-luftfilter.de](mailto:info@volz-luftfilter.de)

**VOLZ**  
LUFTFILTER

# Glass fiber mats G2 – G4

## Filter technical test datas \*



specification	equipment	colour	approx. material thickness mm	approx. weight g / m²	rated air flow m³ / h / m²	initial pressure loss Pa	middle arrestance of dust %	middle arrestance of paint overspray %	dust holding capacity g	colour holding capacity * g	final pressure loss Pa	filter class ***
Paint Stop 2"	dry	green	50	210	2500-6300	6 - 30	-	90 - 95	-	3100 - 4300	80	G2
Paint Stop 3"	dry	green	70	240	2500-6300	7 - 40	-	93 - 97	-	3500 - 4700	80	G3
Paint Stop 4"	dry	green	100	350	2500-6300	14 - 60	-	98 - 99	-	3900 - 5050	130	G4
Dust Stop 1"	adhesive	yellow	25	110	9000-10800	35	76	-	550	-	250	G2
Dust Stop 2"	adhesive	yellow	50	220	9000-10800	50	85	-	750	-	250	G3
Dust Stop 4"	adhesive	yellow	100	360	9000-10800	60	92	-	1000	-	250	G4

Indicators:

Measured values refer to 1 m² filter area.

Dust Stop - colour: yellow

\*\* colour holding capacity at 80 or 130 Pa and 2500 m³/h/m².

\*\*\* filter class:

at Paint Stop for the arrestance of ink mist.

at Dust Stop for arrestance of dry dusts .

\* 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.

PRE PS 120303 RE

VOLZ Luftfilter  
Robert-Bosch-Straße 25  
D-72160 Horb (Bildechingen)  
Germany

Telefon +49 (0)7451 55 16 - 0  
Telefax +49 (0)7451 55 16 - 900  
Internet [www.volz-luftfilter.de](http://www.volz-luftfilter.de)  
E-Mail [info@volz-luftfilter.de](mailto:info@volz-luftfilter.de)

**VOLZ**  
LUFTFILTER