



## Glass fibre mats



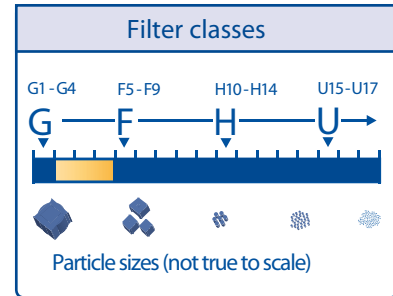
Dust-Stop (yellow)



Dust-Stop (yellow)



Paint-Stop (green)



### Applications

**Paint-Stop (green):**

For use in separation of ink mist in paint shops and colour spraying cabins

- In automotive industry
- Manufacturing plants for furniture, windows, machines, etc.

**Dust-Stop (yellow):**

For separation of dry dust types

- In carpenters' workshops, metal working industry, etc.

### Classification acc. to EN 779

- Filter class **G2 (EU2)** - green version  
- yellow version
- Filter class **G3 (EU3)** - green version  
- yellow version
- Filter class **G4 (EU4)** - green version  
- yellow version



### Versions

- Standard rolls e.g. 20 x 1m and 20 x 2m
- Special sizes on request
- Precuts for finished dimensions
- **Information concerning disposal:**  
The disposal is subject to local restrictions. Depending on separated substances, used filter-medium has to be dried and disposed

### Material characteristics

**Paint-Stop (green):**

- Temperature resistant up to max. 180°C
- Contains no silicone or other lacquer harming substances

**Dust-Stop (yellow):**

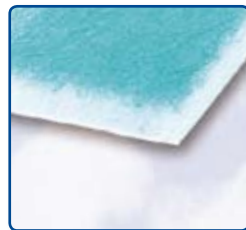
- Temperature resistant up to max. 80°C
- Additionally impregnated with antibacterial dust adhesive
- Contains no silicone

### Benefits of VOLZ Filters



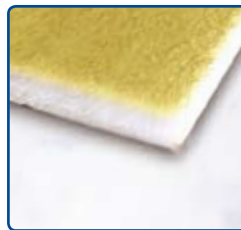
Shape elastic fibre structure

- The low compressibility of inordinately bedded glass fibres prevents the used medium from becoming compressed and enhances a higher separation



Paint-Stop (green)

- Separates ink mist from exhausted air. Thereby, exhaust air channels, fans and motors are protected from paint deposits. For identification reasons, dust air side is coloured green



Dust-Stop (yellow)

- Medium is additionally impregnated with an antibacterial dust adhesive. For identification reasons, dust air side is coloured yellow



- Glass fibre mats are produced in our plant in Germany
- Quality control of the complete production with internal filter test equipment and modern quality-management-tools



## Standard versions glass fibre mats G2 – G4

Product	Filter classes	Material thickness approx.	Roll length*	Roll width*
		mm	m	m
Paint-Stop (green) 2"	G2 (EU2)	50	20 / 25 / 80 / 91	2.0 / 1.0 / 0.7 / 0.5
Paint-Stop (green) 3"	G3 (EU3)	75	20 / 25 / 80 / 91	2.0 / 1.0 / 0.7 / 0.5
Paint-Stop (green) 4"	G4 (EU4)	100	20 / 25	2.0 / 1.0 / 0.7 / 0.5
Dust-Stop (yellow) 1"	G2 (EU2)	25	20	2.0 / 1.0 / 0.7 / 0.5
Dust-Stop (yellow) 2"	G3 (EU3)	50	20	2.0 / 1.0 / 0.7 / 0.5
Dust-Stop (yellow) 4"	G4 (EU4)	100	20	2.0 / 1.0 / 0.7 / 0.5

\* further dimensions on request

## Glass fibre mat G3

Product	Colour	Material thickness approx.	Initial pressure drop	Recommended final pressure drop	Nominal air flow rate	Lacquer separation arrestance*
		mm	Pa	Pa	m <sup>3</sup> / h / m <sup>2</sup>	%
Paint-Stop 3"	green	75	4 - 10	80	2500 - 6300	95

The measured data relates to 1m<sup>2</sup> filter-surface  
 \* The lacquer separation arrestance depends on the kind of lacquer, ink mist or environmental conditions like temperature or pressure in paint cabin

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