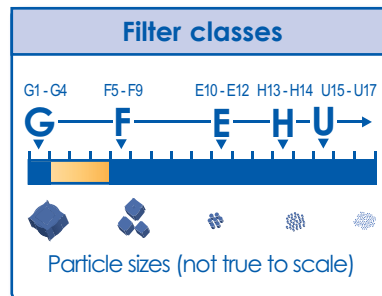




Pre filtration mats



Applications

- For pre filtration in aerial engineering devices of all kinds
- Heat ventilation and air conditioning devices
- Pre filtration in air-conditioning systems
- Pre filtration for painting and drying plants

Classification acc. to EN 779

- Filter class **G2**
- Filter class **G3**
- Filter class **G4**

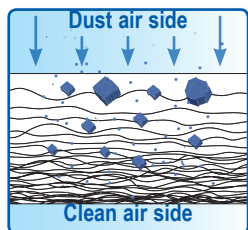
Versions

- Standard mats 2 x 20m and 2 x 40m (depending on type)
- Precuts for finished dimensions
- Stamp pieces in various dimensions available
- Also available as filter tube or filter bag

Material characteristics

- Tested according to EN 779
- Shatter-proof synthetic fibres
- Fire prevention requirements according to DIN 53438-3 (F1)
- Humidity resistant up to 100% r. h.
- Temperature resistant up to max. 80°C
- Contains no silicone or other lacquer harming substances

Benefits of VOLZ Filters



Progressive structure

- The filter media is compressed towards clean air side and takes full depth of fibrous web for dust absorption



Special prints

- Special prints are possible depending on certain quantities



Special precuts

- Special sizes are available for rolls and precuts depending on purchase quantity



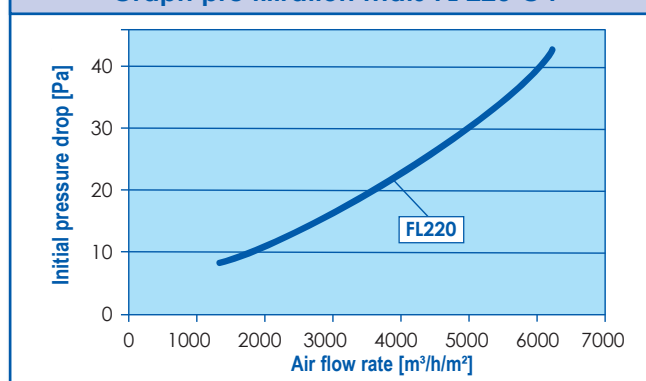
- Filter media is produced in-house
- Quality control of the complete production with internal filter test equipment and modern quality-management-tools
- Öko-Tex Standard 100 - tested for harmful substances
- Environment-friendly and easily disposable

Versions pre filtration mats G2 - G4

Product	Filter classes	Material thickness approx.	Surface weight approx.	Initial pressure drop*	Recommended final pressure drop	Air velocity	Average arrestance
		mm	g / m ²	Pa	Pa	m / s	%
FL100	G2	5	100	20	250	1.5	65 - 80
FL150	G2	11	150	25	250	1.5	65 - 80
FL200	G3	22	200	35	250	1.5	80 - 90
FL220	G4	24	220	35	250	1.5	≥ 90
V15/350	G4	19	280	50	250	1.5	≥ 90
V15/400	G4	20	350	60	250	1.5	≥ 90
EA30	G4	30	350	60	250	1.5	≥ 90
EA40	G4	40	400	60	250	1.5	≥ 90
EA50	G4	50	450	65	250	1.5	≥ 90

*flat sheet tested

Graph pre filtration mats FL 220 G4



VOLZ Luftfilter GmbH & Co. KG

Robert-Bosch-Straße 25
D-72160 Horb am NeckarPhone: +49 7451 5516-0
Fax: +49 7451 5516-120info@volzfilters.com
www.volzfilters.com

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