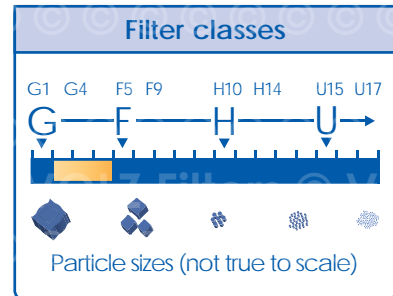




Pre filtration mats



Applications

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

Classification acc. to EN 779

- Filter class G2 (EU2)
- Filter class G3 (EU3)
- Filter class G4 (EU4)

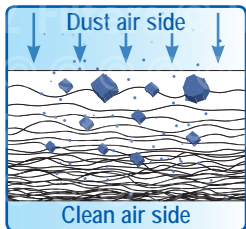
Versions

- Standard mats 20 x 2m and 40 x 2m (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 (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 medium 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



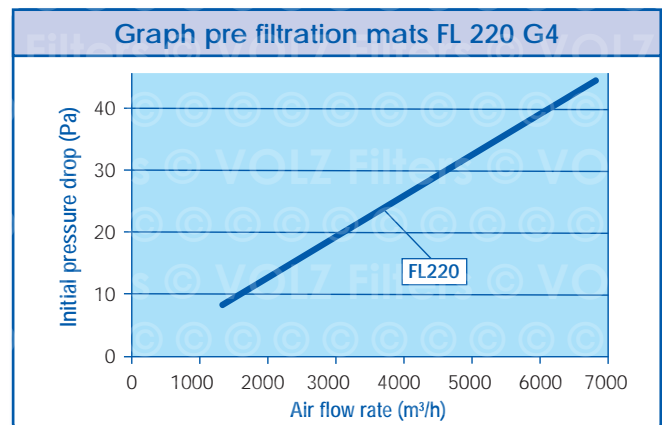
- Filter medium is produced in Germany
- Quality control of the complete production with internal filter test equipment and modern quality-management-tools
- Öko-Tex Standard 100 - tested for harmful substances
- Environment-friendly and easily disposable

Versions pre filtration mats G2 - G4

Product	Filter classes	Material thickness approx.	Surface weight approx.	Initial pressure drop *	Recommended final pressure drop	Nominal air flow rate	Air velocity	Average arrestance
		mm	g / m ²	Pa / m ²	Pa / m ²	m ³ / h / m ²	m / s	%
FL100	G2	5	100	20	250	5400	1.5	65 - 80
FL150	G2	10	150	25	250	5400	1.5	65 - 80
FL200	G3	20	200	35	250	5400	1.5	80 - 90
FL220	G4	22	220	35	250	5400	1.5	≥ 90
V15/350	G4	18	280	50	250	5400	1.5	≥ 90
V15/400	G4	22	350	60	250	5400	1.5	≥ 90
EA30	G4	30	350	60	250	5400	1.5	≥ 90
EA40	G4	40	400	60	250	5400	1.5	≥ 90
EA50	G4	50	450	65	250	5400	1.5	≥ 90

*plane tested

Graph pre filtration mats FL 220 G4



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