

APODIS coarse dust filter mats are made of break-resistant, synthetic polyester fibres. Because the compressed medium runs down the clean-air side, the whole deepness of the filter mat can be used for holding dust.

APODIS coarse dust filter mats are produced without chemical bonding and are therefore easily disposable (as long as no environmentally harmful particles are deposited).

Due to easy handling, our filter mats can easily be cut to size in order to fit your special requirements.



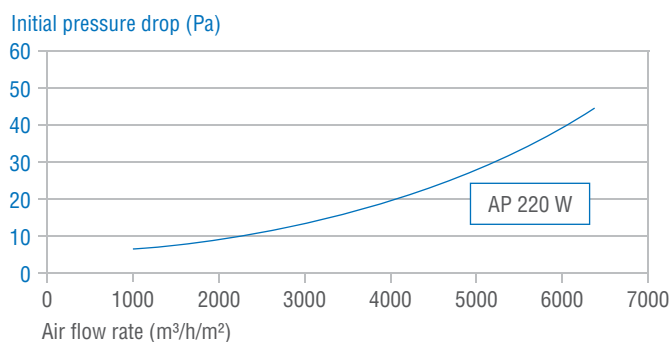
APPLICATION AREAS

For pre filtration in aerial engineering devices of all kinds.

- as pre filtration in air-conditioning systems
- as pre filtration for painting and drying plants

MATERIAL CHARACTERISTICS

- tested according to DIN EN 779
- fire prevention: requirements according to DIN 53438-3, F1
- humidity resistant up to 100% r.h.
- temperature resistant up to max. 80°C



TECHNICAL SPECIFICATIONS

Product	Filter class	Material thickness approx.	Surface weight approx.	Air velocity	Initial pressure drop **	Final pressure drop	Average arrestance
		mm *	g / m²	m / s	Pa	Pa	%
AP 100 W	G2	5	100	1,5	20	250	65 - 80
AP 150 W	G2	10	150	1,5	25	250	65 - 80
AP 200 W	G3	18	200	1,5	35	250	80 - 90
AP 220 W	G4	20	220	1,5	35	250	> 90
AP A30 W	G4	30	350	1,5	60	250	> 90
AP A40 W	G4	40	400	1,5	60	250	> 90
AP A50 W	G4	50	450	1,5	65	250	> 90

* ±2 mm / ** flat sheet tested

Standard measurements	G2: 1 m x 40 m 2 m x 40 m	G3 & G4: 1 m x 20 m 2 m x 20 m
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Due to technical developments, data may change at any time without prior notice. We recommend every user to test the products for his application and to clarify the operating conditions!