

AmericanAirFilter® **AmerTex® F-Serie**

High Efficiency Filter Media

- *Three versions available: F30, F55 and F60*
- *For paintspray and drying booth applications*
- *Fine synthetic fibres*
- *Multi-layered structure*



Applications

AmerTex® F-series media are used in applications in which fine filtration on particulate matter is required. For example, F30 "Fine" medium can be used in a paintspray cabin, a drying booth, or used as a prefilter to a HEPA filter. For applications that require a higher level of air cleanliness, either the F55 "Superfine" or the F60 "Superfine Scrim" is recommended. All AmerTex® F media is white coloured. No colour pigments are needed to distinguish between the various media.

The name of each product together with its classification according to EN779 is printed at regular intervals on the air leaving side of each media roll. The media are fire retardant, F1/K1 according to DIN 53438.

Construction

The F-series air filter media consists of a scientific blend of fine synthetic fibres in a multi-layered structure. F30 media can be used as a dry, high efficiency filter. It has a dense layer on the clean air leaving side. F55 media is also a high efficiency filter. The medium is treated with a special adhesive which reduces dust migration caused by vibrations in the air stream. It is dense and smooth on the air leaving side.

F60 medium is of the same high quality as F55, but has a special woven scrim on the air leaving side to prevent particle migration. This gives the medium a sturdiness which makes it suitable for larger filter surface areas.

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Technical Data

Type	F30 'Fine'	F55 'Superfine'	F60 'Superfine Scrim'
Recommended face velocity (m/s)	0.25	0.25	0.25
Rated capacity (m³/h/m²)	900	900	900
Initial resistance (Pa)	25	25	25
Recommended final resistance (Pa)	450	450	450
Average efficiency (%)	40 - 45	45 - 50	45 - 50
Average arrestance (%)	96	98	98
EN 779 classification	F5	F5	F5
Max. cont. operating temperature (°C)	100	100	100
Flame resistance acc. to DIN 53438	F1/K1	F1/K1	F1/K1
Roll size (m)	2 x 20	2 x 20	2 x 20
Roll diameter (m)	0.8	0.8	0.8
Packing	----- Polyethylene bags -----		
Media colouring	white	white	white with woven scrim

Airflow Resistance

