

AmerTex® F-Series High Efficiency Filter Media

Application

AmerTex F-series media 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.

Product Features & Benefits

- The media are fire retardant, F1/K1 according to DIN 53438
- Available in three versions F30, F55, F60
- 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 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 has a special woven scrim on the air leaving side gives the medium a sturdiness to prevent particle migration



Technical Data

| Type | F30 'Fine' | F55 'Superfine' | F60 'Superfine Scrim' |
|--|-------------------|--------------------|--------------------------|
| Recommended face velocity (m/s) | 0.25 | 0.25 | 0.25 |
| Rated capacity (m ³ /h/m ²) | 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 | m5 | m5 | m5 |
| 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

