

AmerGlas® M57

Air Filter Media

- *Glass fibre filter media with progressive density*
- *Available in pads and rolls*
- *High dust holding capacity*
- *Easy to install*



Application

AmerGlas M57 filter media is available in pads or in rolls for use in all types of air handling units, air conditioning and ventilation systems.

Construction

This filter media consists of continuous glass fibres of progressive density. From the air

entering side to the air leaving side, the fibre diameters become smaller and the weave becomes progressively tighter.

This construction allows dirt to penetrate deep into the media, utilizing the full depth of the filter. The dust holding capacity is further increased by spraying "Viscosine", an exclusive AAF adhesive, on the filter media.

The media is colour-coded yellow on the air leaving side to ensure proper installation.

Better Air is Our Business®



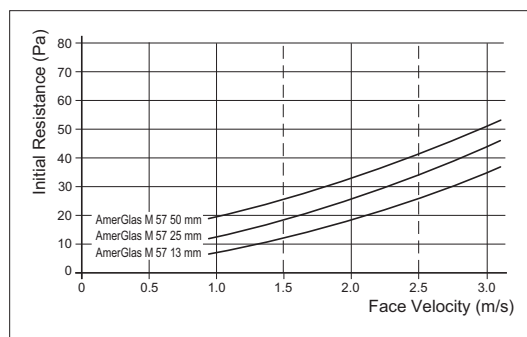
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Technical Data

Depth nominal (inch)	1/2	1	2
Depth actual (mm)	13	25	50
Rated face velocity (m/s)	2.5	2.5	2.5
Average arrestance*(%)	65-70	70-75	75-80
EN779 classification	G2	G2	G2
Rated initial resistance*(Pa)	25	35	40
Recom. final resistance*(Pa)	130	130	130
Temperature limit (°C) continuous operation	45	45	45

* All data based on EN779 test method.

Airflow Resistance



Standard Sizes Rolls*

Actual Size (ft x inches x inches)	Actual Size (m x mm x mm)	Media per roll (m²)	Roll per carton
85 x 60 x 1/2	25.9 x 1524 x 13	39.5	1
65 x 60 x 1	19.8 x 1524 x 25	30.2	1
65 x 20 x 1	19.8 x 508 x 25	10.1	1
65 x 60 x 2	19.8 x 1524 x 50	30.2	1
65 x 20 x 2	19.8 x 508 x 50	10.1	1

* Special size rolls on request

Standard Sizes Pads*

Nominal Size (inches)	Actual Size (mm)	Air flow capacity (m³/s) @ 2.5 m/s	Pads per carton
20 x 20 x 1	514 x 514 x 25	0.66	50
20 x 25 x 1	514 x 641 x 25	0.83	50
24 x 24 x 1	616 x 616 x 25	0.94	50
20 x 20 x 2	514 x 514 x 50	0.66	30
20 x 25 x 2	514 x 641 x 50	0.83	30
24 x 24 x 2	616 x 616 x 50	0.94	30

* Non-standard size pads are available on request (minimum order 24 pads).
When determining a non-standard size, it is recommended to take the length and the width size approximately 25 mm larger. The pads will then fit properly into the frames.

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AAF has a policy of continuous product research and improvement and reserves the right to change design and specifications without notice.

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