



# AmerGlas® Standard and 5700

## Disposable Panel Filters

- Progressive density media
- Viscous coated
- High dust holding capacity
- Industrial heavy-duty version
- Fully incinerable



### Application

These sturdy economical panel filters are used for general air filtration in all types of cooling, heating and ventilating systems. The AmerGlas Standard panel filters are designed for lighter dust loading conditions in all types of light industrial, commercial and institutional applications. The '5700' filters are more robust and sturdy than AmerGlas Standard and contain substantially more glass fibres per square meter than the standard filters. They are suitable for use in heavy dust loading applications.

Both the AmerGlas Standard and '5700' filters are also excellent prefilters to higher efficiency filters.

### Construction

The filter media in these panel filters consists of continuous filament glass fibres of progressive density construction. The air entering side has an open weave fibre pattern with larger diameter fibres. The fibre diameter becomes smaller and the weave becomes progressively tighter from the air entering to the air leaving side, allowing

dirt to penetrate deep into the media. The dust holding capacity is further increased by a coating of Viscosine, AAF's exclusive dirt trap adhesive and a scrim on the air leaving side to prevent particle migration. To ensure complete filter rigidity, the filter pad is held in place by an open mesh net on the air entering and air leaving sides and housed in a sturdy die-cut box.

### Fully Incinerable

Both types of filter can be disposed of in a municipal incinerator.





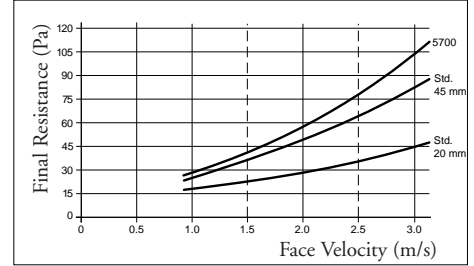
# AmerGlas® Standard and 5700

## Technical Data

Type	Standard	Standard	5700
Depth (inch) nominal	1	2	2
Depth (mm) actual	20	45	45
Rated face Velocity (m/s)	2.5	2.5	2.5
Average Arrestance (%)	70-75	75-80	80-85
EN 779 classification	G 2	G 2	G 3
Rated initial resistance (Pa)	30	60	75
Recommended final resistance (Pa)	130	130	130
Cont. operating temperature limit* (°C)	45	45	45

\* All data based on EN779

## Airflow Resistance



## Standard Sizes

Type	Nominal size* (mm)	Actual size* (mm)	Airflow m³/h at 2.5 m/s	Filters per carton
Standard	10 x 10 x 1	248 x 248 x 20	545	24
	10 x 20 x 1	248 x 497 x 20	1190	24
	16 x 20 x 1	395 x 497 x 20	1870	12
	16 x 22 1/4 x 1	404 x 563 x 20	2065	12
	16 x 25 x 1	395 x 624 x 20	2380	12
	20 x 20 x 1	497 x 497 x 20	2380	12
	20 x 25 x 1	497 x 624 x 20	2975	12
	24 x 24 x 1	597 x 597 x 20	3400	12
Standard	10 x 10 x 2	248 x 248 x 45	545	24
	10 x 20 x 2	248 x 497 x 45	1190	24
	16 x 20 x 2	395 x 497 x 45	1870	12
	16 x 25 x 2	395 x 624 x 45	2380	12
	20 x 20 x 2	497 x 497 x 45	2380	12
	20 x 25 x 2	497 x 624 x 45	2975	12
	24 x 24 x 2	597 x 597 x 45	3400	12
	5700	16 x 20 x 2	395 x 497 x 45	1870
16 x 25 x 2		395 x 624 x 45	2380	12
20 x 20 x 2		497 x 497 x 45	2380	12
20 x 25 x 2		497 x 624 x 45	2975	12
24 x 24 x 2		597 x 597 x 45	3400	12

\* Special sizes are available on a special order basis. Minimum order quantity per size 24 pieces.

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