

AmerGlas Standard and 5700

DISPOSABLE PANEL FILTERS



Features and Benefits

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

Applications

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. 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.

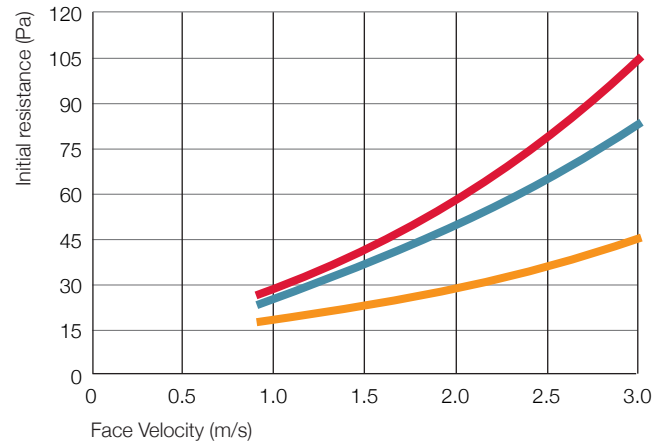
AmerGlas Standard and 5700

Technical Data

Type	Standard		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
EN779:2012 classification	G2	G2	G3
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 EN779:2012.

Resistance vs Airflow



Technical Data

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	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



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