

**GLOBAL FILTRATION CLEAN
TECHNOLOGY (I) PVT. LTD.**

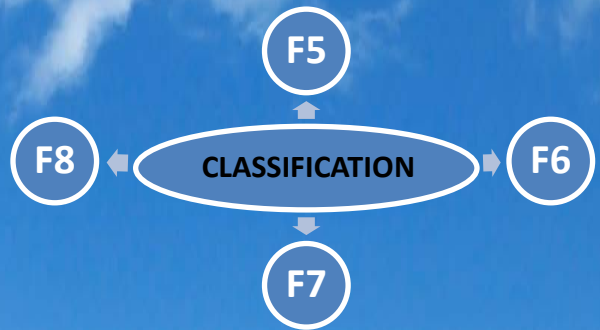
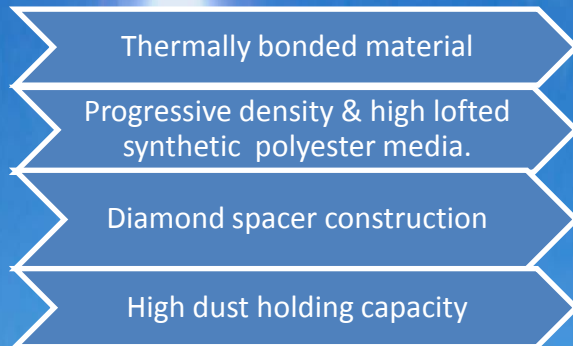


GLOPAK RIGID POCKET FILTERS



Clean Air Is Our Business

Glopak Rigid Pocket Filter for Gas turbine/Automotive Application



In accordance with EN779

Glopak Rigid Pocket Filter, Type GR

The Type GR rigid pocket filter is designed for use in automotive and gas turbine application. The filter features a high quality thermally bonded synthetic media made with a strong galvanized steel header.

The media has a progressive density construction which allows dust particles to penetrate deeper into the media before they are trapped. As the back of the media loads, particles are caught progressively closer to the surface.

This design eliminates face loading, which increases dust holding capacity and thus ensures cleaner air.

The materials used to make the filter are silicon free for paint shop application.

To ensure an optimum airflow through the filter and minimum media resistance, each pocket is separated from the other by three diamond shaped pocket separators. These separators ensure pockets inflate without touching and that every square centimetre of media is utilized to maximize dust holding.

Factory & Sales Office: No: 254 A-1, Shed No:1, 3rd Phase, Bommasandra Industrial Area, 560099

Web site: www.globalfiltration.in | E-Mail ID: info@globalfiltration.in |

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Glopak Rigid Pocket Filter for Gas turbine/Automotive Application



FILTER CLASSIFICATION

Classification	Standard Dimensions (mm)	Type Rigid RS	Filter area m ² 650 mm	Rated air flow m ³ /h
F5	592 x 592 x 650	45/6	5	3400
	592 x 490 x 650	45/5	4,2	2830
	592 x 287 x 650	45/3	2,5	1700
	287 x 287 x 650	45/3	1,25	850
F6	592 x 592 x 660	65/8	6,9	3400
	592 x 490 x 660	65/6	5,2	2830
	592 x 287 x 660	65/4	3,5	1700
	287 x 287 x 660	65/4	1,8	850
F7	592 x 592 x 660	85/8	6,9	3400
	592 x 490 x 660	85/6	5,2	2830
	592 x 287 x 660	85/4	3,5	1700
	287 x 287 x 660	85/4	1,8	850
F8	592 x 592 x 660	95/8	6,9	3400
	592 x 487 x 660	95/6	5,2	2830
	592 x 287 x 660	95/3	3,5	1700
	287 x 287 x 660	95/3	1,8	850

TECHNICAL DATA

Filter Class acc. to DIN EN 779	F5	F6	F7	F8
Dimensions in mm H x W x D	592 x 592 x 650 mm	592 x 592 x 660 mm	592 x 592 x 660 mm	592 x 592 x 660 mm
Rated Airflow Capacity	3400 m ³ /h	3400 m ³ /h	3400 m ³ /h	3400 m ³ /h
Gross Media Area	5 m ²	6,9 m ²	6,9 m ²	6,9 m ²
Specific Rated Air / Gross Media Area	680CMH/M2	500CMH/M2	500CMH/M2	500CMH/M2
Average Arrestance	95%	98.50%	99%	99.20%
Average Efficiency	40-45%	60- 65%	80-85%	90-95%
Recommended Final Resistance	450 Pa	450 Pa	450 Pa	450 Pa
Max. Final Resistance	600 Pa	600 Pa	600 Pa	600 Pa
Dust Holding Capacity at 450 Pa	1100 g	930 g	930 g	820 g
Max. Operating Temperature °C	80°C	80°C	80°C	80°C
Incinerable Media acc. to DIN 53538	F1	F1	F1	F1

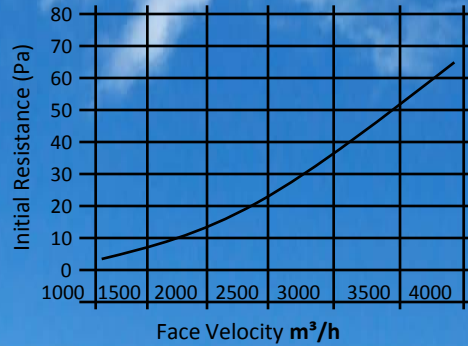
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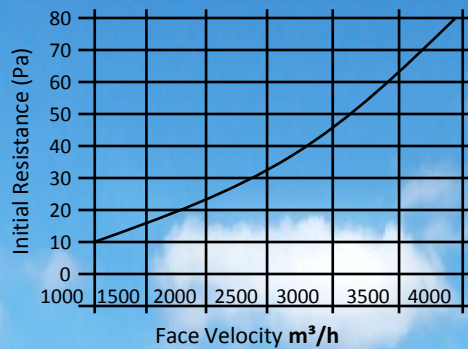
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Initial Resistance versus Face Velocity

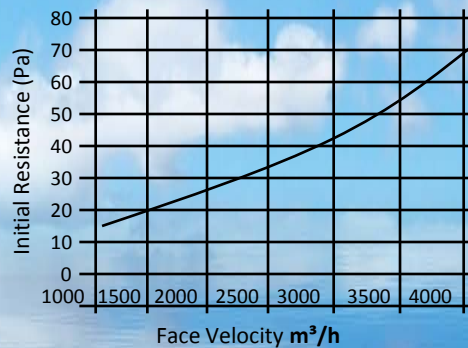
**Type GF 45/6, Class F5
Delta P at 650 mm length**



**Type GF 65/8, Class F6
Delta P at 660 mm length**



**Type GF 85/8, Class F7
Delta P at 660 mm length**



**Type GF 95/8, Class F8
Delta P at 660 mm length**

