



TEXFILT PLEATED PANEL FILTERS

G 3
EN
779

EU 3
DIN
24 185

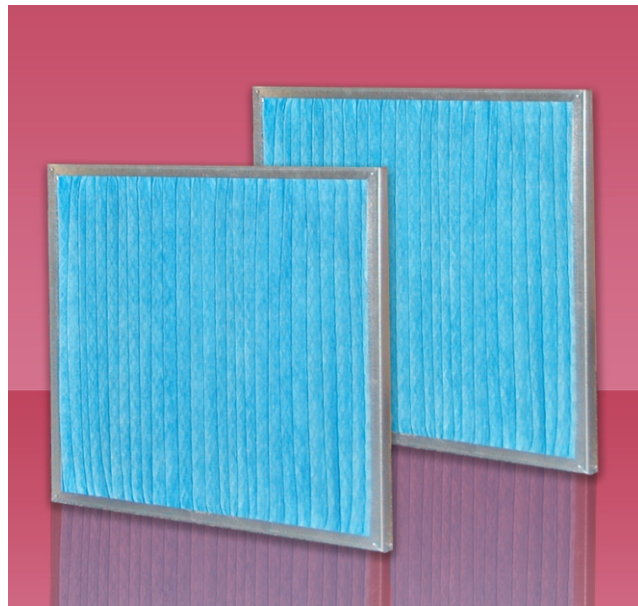
G 4
EN
779

EU 4
DIN
24 185

F 5
EN
779

EU 5
DIN
24 185

- Tested according to EN 779
- Filter classes G3-F5
- Big filter are in small required space
- Laminated with a wire mesh grid on the air leaving side
- High dust holding capacity
- Long service life



The application

Texfilt pleated filter cells are used for prefiltration in ventilation and air-conditioning equipment as well as in air intake systems. It is particularly suited to applications where high initial efficiency and lower initial resistance is required.

The filter cells can be substitute for almost all commercially available filter cells and filter mats in replaceable frames.

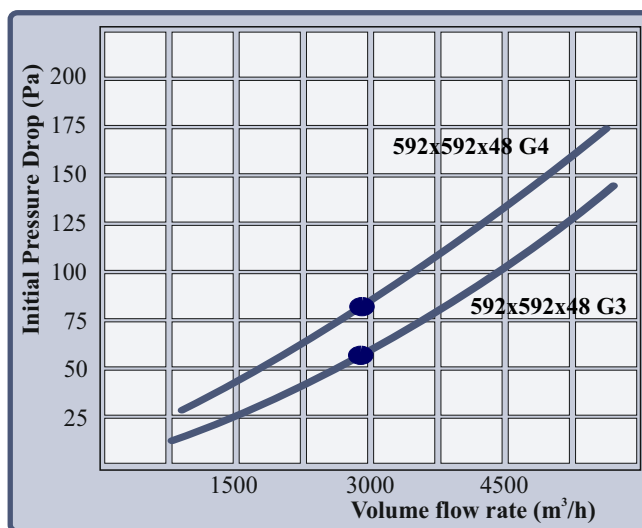
Material characteristics

The filter medium used is a progressively structured nonwoven made of breakresistant synthetic-organic fibers.

Filters are noncorroding, moisture-resistant up to 100% rel. Humidity, and self-extinguishing to DIN 53438 (Fire Class F1).

The maximum temperature for thermal stability is 70°C, with temporary peaks of up to 80°C possible.

Initial Pressure Drop Curves

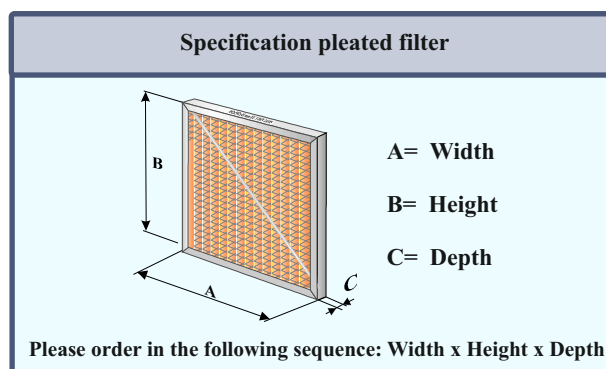


C L E A N A I R W I T H F U L F I L T E R

Technical filter test data in accordance with EN 779

Filter class (EN 779)		G 3	G 4	F 5
Tested size		592x592x48	592x592x48	592x592x48
Average arrestance A_a	%	80-90	>90	>90
Initial efficiency E_i	%	>20	>20	45-55
Volume flow rate	m ³ /h	3400	3400	3400
Initial pressure drop	Pa	60	85	95
Recommended final pressure drop	Pa	250	250	250
Effective filtering area	g	1.7	1.7	1.7

Standard sizes for Texfilt Pleated panel filters



Dimensions Widht xHeightx Depth mm	Filter Area m ²
287x287x25	0.20
287x490x25	0.34
287x592x25	0.43
392x492x25	0.46
492x492x25	0.58
592x592x25	0.84
392x622x25	0.59
492x622x25	0.74

Dimensions Widht xHeightx Depth mm	Filter Area m ²
287x287x48	0.41
287x490x48	0.70
287x592x48	0.85
392x492x48	0.94
492x492x48	1.18
592x592x48	1.70
392x622x48	1.19
492x622x48	1.49

Dimensions Widht xHeightx Depth mm	Filter Area m ²
287x287x96	0.50
287x490x96	1.00
287x592x96	0.85
392x492x96	1.32
492x492x96	1.44
592x592x96	2.03
392x622x96	1.33
492x622x96	1.72

Special sizes on request

C L E A N A I R W I T H F U L F I L T E R

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