

Application

Prebag filters are using as pre-filter or main filter element to separate coarse dust in ventilation and air-conditioning units. Spacers between the individual bags ensure an even flow, as well as the evenly distribution of dust throughout the entire filter. They considerably increase service life of subsequent fine dust filters, thus contributing significantly to operating cost savings.

Advantages

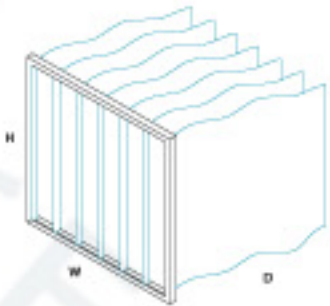
- High dust holding capacity
- Low pressure drop
- High economic efficiency
- Reduced energy operating costs
- Controlled media spacing



PRE FILTERS PREBAG

Properties			
UNI EN 779 CLASS	G3	G4	F5
EUROVENT Class DIN24185	EU3	EU4	EU5
Average Arrestance A_n in %	86%	95%	-
Efficiency E_n	-	-	50%
Initial Pressure Loss	30 Pa	35 Pa	45 Pa
Final Pressure Loss	250 Pa	250 Pa	250 Pa
Continuous Temperature Resistance	80°C	80°C	80°C
Max. Relative Humidity Resistance	100%	100%	100%
Frame	Metal & Plastic (25 mm thickness)		
Media	Synthetic Media		
Fire Resistance Class	K1/F1 according to DIN 53438		
Filter Stage	I - II		

Various sizes and designs on request
Optional with foamed hygiene-gasket on the dust air side
Plastic header frame is completely incinerable



Note: The dimensions should always be specified in the order W x H x D for pocket filters.

Code/Dimensions WxHxD	Width mm	Height mm	Depth mm	Number of Bags	Air Flow m³/h	Pressure Drop Pa	Filtering Surface m²
TF-GS3-287x287x380-G3	287	287	380	3	1100	30	0.7
TF-GS3-287x287x500-G3	287	287	500	3	1500	30	0.9
TF-GS3-287x287x600-G3	287	287	600	3	1800	30	1.1
TF-GS3-287x590x380-G3	287	592	380	3	1800	30	1.1
TF-GS3-287x592x500-G3	287	592	500	3	2100	30	1.9
TF-GS3-287x592x600-G3	287	592	600	3	2850	30	2.2
TF-GS5-490x592x380-G3	490	592	380	5	2850	30	2.2
TF-GS5-490x592x500-G3	490	592	500	5	2850	30	3.1
TF-GS5-490x592x600-G3	490	592	600	5	3500	30	3.7
TF-GS6-592x287x380-G3	592	287	380	6	2100	30	1.3
TF-GS6-592x287x500-G3	592	287	500	6	2000	30	1.8
TF-GS6-592x287x600-G3	592	287	600	6	2500	30	2.2
TF-GS6-592x592x380-G3	592	592	380	6	3400	30	2.7
TF-GS6-592x592x500-G3	592	592	500	6	3500	30	3.7
TF-GS6-592x592x600-G3	592	592	600	6	4250	30	4.5
TF-GS3-287x287x380-G4	287	287	380	3	1100	35	0.7
TF-GS3-287x287x500-G4	287	287	500	3	1500	35	0.9
TF-GS3-287x287x600-G4	287	287	600	3	1800	35	1.1
TF-GS3-287x590x380-G4	287	592	380	3	1800	35	1.1
TF-GS3-287x592x500-G4	287	592	500	3	2100	35	1.9
TF-GS3-287x592x600-G4	287	592	600	3	2850	35	2.2
TF-GS5-490x592x380-G4	490	592	380	5	2850	35	2.2
TF-GS5-490x592x500-G4	490	592	500	5	2850	35	3.1
TF-GS5-490x592x600-G4	490	592	600	5	3500	35	3.7
TF-GS6-592x287x380-G4	592	287	380	6	2100	35	1.3
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TF-GS6-592x592x380-G4	592	592	380	6	3400	35	2.7
TF-GS6-592x592x500-G4	592	592	500	6	3500	35	3.7
TF-GS6-592x592x600-G4	592	592	600	6	4250	35	4.5
TF-GH3-287x287x500-F5	287	287	500	3	900	45	0.9
TF-GH3-287x287x600-F5	287	287	600	3	1100	45	1.1
TF-GH3-287x592x500-F5	287	592	500	3	2000	45	1.9
TF-GH3-287x592x600-F5	287	592	600	3	2250	45	2.2
TF-GH5-490x592x500-F5	490	592	500	5	3000	45	3.1
TF-GH5-490x592x600-F5	490	592	600	5	3500	45	3.7
TF-GH6-592x287x500-F5	592	287	500	6	1850	45	1.8
TF-GH6-592x287x600-F5	592	287	600	6	2250	45	2.2
TF-GH6-592x592x500-F5	592	592	500	6	3500	45	3.7
TF-GH6-592x592x600-F5	592	592	600	6	4250	45	4.5

PRODUCT CODE

T F • G S 6 • w / h / d • G 4

Filter Model: TF-GS4G FL1E8	Frame Type: G-Galvanized P-Plastic	Filter Media: S-Synthetic Fibre	H-High Capacity Synthetic Fibre	Bag Number: 3-6-6	Dimensions: 692x592x500mm	Efficiency: G3, G4, F5
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FILTER DESCRIPTION

PREBAG filters are made from polyester synthetic media with Spacers between the individual bags ensure as even air flow. With evenly distribution of dust throughout the entire filter supplies long lifespan of the filter, energy saving

