



TEXFILT INDUSTRIAL AIRFILTER BAGS

- Low emissions
- Trouble-free cleaning
- Lower energy costs
- Maximum performance with long service periods
- Simple handling
- Wide range of sizes



The application

Texfilt Air Filter Bags are suitable for all common cleaning systems regardless whether they are; Jet-pulse, Reverse-air, Shaker filter or other systems.

Typical examples are machining processes, pulverising mills, drying systems, spray-drying systems, mixing systems, or transport system for bulk solids and dust.

The characteristics

The filter media employed use the surface filtration technique and can be cleaned several times thereby regenerated.

Provided the dust collector is operated under optimal conditions, the filter media can achieve a long operational life with dust emission levels that are often far below the legally prescribed limits.

Types of design

Fulfilter produces optimised, custom-made filters in every dimensions and design. Depending on the particular filter and mounting system used, the components are selected from a range of heads sections and bottom parts.



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

Filtermedia - Fibres

Fibre type	Code	Temperature Cont./peak °C	Resistance to			
			Hydrolysis	Acid	Alkalis	Oxidation
Polyester	PES	150/150	1	3	2	3
Polypropilene	PP	90/100	4	4	4	2
Polyacrylnitrile	PAN	125/140	3	3	2	3
Polyester/polyacrylnitrile	PES/PAN	125/140	3	3	2	3
Meta aramid	MA	180/220	2	3	3	2
Polyphenylsulphide	PPS	190/210	4	4	3	1
Polyimide P84	P84	240/260	3	3	2	3
Glass	GL	250/280	3	3	3	4
Polytetrafluorethylene	PTFE	250/280	4	4	4	4

4 = excellent, 3 = good, 2 = moderate, 1 = poor

Application Samples



Aluminium Industry
Dust removal after the furnace

Temperature	125 °C
Gasflow	33 000 m ³ /h
Filter area	660 m ²
Cleaning	jet
Dust content	20 g/m ³
Emission	<5 mg/m ³



Timber Industry
Dust removal in the sawmill

Temperature	40 °C
Gasflow	30 000 m ³ /h
Filter area	600 m ²
Cleaning	jet
Dust content	100 g/m ³
Emission	<20 mg/m ³



Building Industry
Asphalt Production,
Asphalt Mixing Machine

Temperature	125 °C/140 °C
Gasflow	80 000 m ³ /h
Filter area	712 m ²
Cleaning	jet
Dust content	250 g/m ³
Emission	<20 mg/m ³



Incineration
Dust removal after
waste incineration

Temperature	110 °C
Gasflow	42 000 m ³ /h
Filter area	850 m ²
Cleaning	jet
Dust content	20 g/m ³
Emission	<5 mg/m ³



Steel Production
Dust removal after
flame cutting

Temperature	60 °C
Gasflow	60 000 m ³ /h
Filter area	923 m ²
Cleaning	jet
Dust content	10 g/m ³
Emission	<10 mg/m ³



Cement Industry
Dust Removal after
lime-burning

Temperature	80-180 °C
Gasflow	120 000 m ³ /h
Filter area	1580 m ²
Cleaning	jet
Dust content	10 g/m ³
Emission	<5 mg/m ³

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