



Pleated Bag Cartridges

Large filtration surface area Highest filter efficiency more than 99.99% Easy installation

// The user can customize according to the actual working conditions //

- cement, metal/aluminum
- food & beverages, woodwork, chemicals
- powder coating, plasma/laser cutting
- sandblasting, textiles, welding and casting

Product Description Product Features Specification Application Product Display Customer Cases

Product Description

Developed to replace traditional filter bags and cages, each Pleated Bag Cartridges has a one-piece construction design which allows it to be used in new systems or as a simple retrofit in existing bag house equipment for improved system performance.

Pleated Bag Filter Cartridges offer more filtration media than traditional felt bags increasing the filtration surface area and thus the filtration capacity. With up to 2-3 times the filter life over traditional 16 oz. polyester felt bags, pleated bag filters provide almost twice as much filtration area in existing equipment due to increased media in the pleat pack design.

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Product Features

- (1) World famous brand filter media: 100% spun bond polyester Smooth surface of filters.
- (2) Highest filter efficiency more than 99.99% Proper number of pleats, wide and rigid pleats Large Length-to-OD ratio.
- (3) Offers excellent dust release Incorporate design according to requirements Various installation options available.
- (4) Airtight gasket accessories available Applications in many temperatures conditions.

Filter Media Type

Water and oil repellent treatment.

Antistatic treatment.

PTFE membrane treatment.

Specification of Pleated Bag Cartridges

Model	Filter area	Length	Cartridge (2mLength)	Media Weight	Air permeability	Media type
LF-P1	2.3m²	1m	135°C	270g/m²	7m³/m²/min 12mm WC	Spun bond polyester
LF-P2	4.8m²	2m	135°C	270g/m²	7m³/m²/min 12mm WC	Spun bond polyester
LF-D1	2.3m²	1m	135°C	270g/m²	7m³/m²/min 12mm WC	Antistatic Spun bond polyester
LF-D2	4.8m²	2m	135°C	270g/m²	7m³/m²/min 12mm WC	Antistatic Spun bond polyester
LF-F1	2.3m²	1m	135°C	270g/m²	7m³/m²/min 12mm WC	Spun bond polyester + PTFE
LF-F2	4.8m²	2m	135°C	270g/m²	7m³/m²/min 12mm WC	Spun bond polyester + PTFE
LF-N1	2.3m²	1m	190°C	500g/m²	7m³/m²/min 12mm WC	
LF-N2	4.8m²	2m	190°C	500g/m²	12m³/m²/min 12.7mm WC	

Remarks: Additionally, we offer customized filter solutions and manufacture exclusive cartridge design for OEMs. Our filter cartridges are certified according to EN779.

Application

1.Cement and rock

Crush/Grind Coal mill Raw mill/Cement mill Clay crushed

Packaging machine Bentonite crushed Kaolin processing

Ventilation and dust removal of silo top Material handling / shipping

2.Aluminum plant

Fluidized bed dry-cleaning tower The venturi jet dry-cleaning tower

Self-baking dry-cleaning tower Carbon dust processing

Broken and ventilation of anode Reaction / non-reaction mine shafts prebaked

3.Food / Medical

Food Additives Cereal drying Protein spray drying Grain processing

Flour Animal vitamins Sugar-coated tablets

4.Metallurgy

Electric arc furnace Blast furnace Sulfur removal furnace Casting machine

Induction furnace Mold cooling line Blasting / Polishing Drum furnace

Sand production/recycling

5.Chemical industry

Fertilizer spray drying Plastic fiber Bleaching powder Cellulose

Polyethylene resin Polystyrene staple Coke / briquettes processing Packaging line

Tire / Special rubber PVC Catalyst processing

6.Paint / Pigment

Black powder mixing / agitation Packaging line Pneumatic conveying Paint mixing

Polyethylene resin Polystyrene staple Coke / briquettes processing Packaging line

Pigment stir Spray drying Micro powder mill

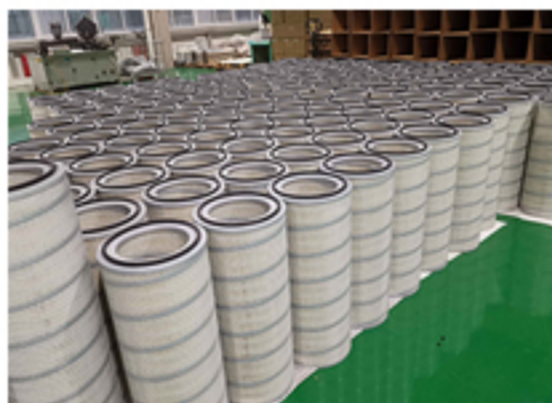
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VIDEO

Product Display

Pictures

Ship



Customer Cases



repair dust collector in steel plant project



install Pleated Bag Cartridges in Carbon plant



dust collector project in Aluminum plant

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