

NORMAL TEMPERATURE DUST BAG

INTRODUCTION

PRODUCT FEATURES

- Cost-effective solution, lower cost, suitable for a large number of standard dust conditions.
- Stable operation and long life. Reduce replacement frequency and maintenance costs.
- Strong adaptability. Can be widely used in normal temperature dust removal in building materials, food and other industries.
- Strong customization ability. Can be customized according to equipment and working conditions to meet personalized needs.

[Name]: Polyester dust filter bag, Water and oil repellent polyester dust filter bag, Anti-static polyester dust filter bag, Three-proof dust filter bag, Blended anti-static polyester dust filter bag, Acrylic dust filter bag

[Diameter]: 105-500mm

[Breathability]: 80-100m³/m²/s

[Supporting material]: 304, 316, silicone sprayed steel

[Using temperature]: ≤130°

[Filtering wind speed]: 1.0-1.2 m/min

[Application area]: Cement industry, Metallurgical industry, Pharmaceutical industry, Chemical industry (normal temperature section)

PRODUCT DISPLAY PICTURE



Made of **high-quality** fiber materials,
Can operate stably at temperatures below **130°C**



Dust bag frame

DUST BAG PARAMETER DISPLAY

Product Name	Radial Tension	Weft Tension	Radial Elongation	Weft Elongation	Post-processing Method
Polyester Dust Filter Bag	800-1200 N/5x20cm	1000-1600 N/5x20cm	<35%	<55%	Singeing, calendering or Teflon coating
Water And Oil Repellent Polyester Dust Filter Bag	800-1200 N/5x20cm	1000-1600 N/5x20cm	<35%	<55%	Singeing, shaping, water and oil repellent treatment
Anti-static Polyester Dust Filter Bag	800-1200 N/5x20cm	1000-1600 N/5x20cm	<35%	<55%	Singeing, shaping, water and oil repellent treatment
Three-proof Dust Filter Bag	800-1200 N/5x20cm	1000-1600 N/5x20cm	<35%	<55%	Singeing, calendering, shaping, water and oil repellent treatment
Blended Anti-static Polyester Dust Filter Bag	800-1200 N/5x20cm	1000-1600 N/5x20cm	<35%	<55%	Singeing, calendering, laminated, waterproof
Acrylic Dust Filter Bag	> 110 N/5x20cm	> 900 N/5x20cm	<25%	<55%	Singeing, calendering, Teflon coating or waterproof treatment



PRODUCT PRECAUTIONS

When using room-temperature dust collection bags, select filter media suitable for room-temperature environments, strictly control the operating temperature within its tolerance range, and avoid dust containing corrosive components to prevent aging and damage to the filter bags. Furthermore, ensure that the dust collection system is well sealed to prevent air leakage that could affect dust collection efficiency and filter bag life.

MEDIUM TEMPERATURE DUST BAG

INTRODUCTION

PRODUCT FEATURES

- Excellent temperature resistance, meeting the requirements of most medium- and high-temperature dust removal systems.
- Excellent chemical stability, resistant to corrosion from various acidic and alkaline gases.
- High strength and long service life. Excellent tensile and tear resistance.
- Structural stability and low shrinkage. Excellent dimensional stability, even with long-term use, without noticeable shrinkage or deformation.

PRODUCT DISPLAY PICTURE



Suitable for continuous **high temperature** environment
Has good **heat resistance** and filtration performance



Dust bag frame

- [Name]: Mite dust filter bag, PPS dust filter bag, METAMAX dust filter bag
- [Diameter]: 105-500mm
- [Breathability]: 80-100m³/m²/s
- [Supporting material]: 304, 316, silicone sprayed steel
- [Filtering wind speed]: 1.0-1.2 m/min
- [Application area]: Cement industry, Steel metallurgy, Non-ferrous metal smelting
Waste incineration and biomass power generation
Power industry, Chemical industry, Building materials industry

DUST BAG PARAMETER DISPLAY

Product Name	Radial Tension	Weft Tension	Radial Elongation	Weft Elongation	Use Temperature	Post-processing Method
Mite Dust Filter Bag	1400N/5x20cm	1600N/5x20cm	<25%	<25%	≤150°C, Instant 180°C	Singeing, calendaring or Teflon coating
PPS Dust Filter Bag	800-1000N/5x20cm	1000-1200N/5x20cm	30%	30%	≤170°C, Instant 190-200°C	Singeing, calendaring, PTFE impregnation or waterproof and oil-proof treatment
METAMAX Dust Filter Bag	800N/5x20cm	1200N/5x20cm	20%	50%	≤204°C, Instant 240°C	Singeing, calendaring, PTFE impregnation or waterproof and oil-proof treatment



PRODUCT PRECAUTIONS

When using medium-temperature dust collection bags, select filter media with excellent heat resistance and chemical stability to ensure long-term stable operation at operating temperatures between 150°C and 200°C, and to avoid damage to the filter bags caused by sudden temperature rises. Additionally, the dust collection system's sealing should be regularly checked to prevent cold air short-circuits or corrosion of the filter media by acidic and alkaline gases, thereby extending its service life and ensuring dust collection efficiency.

HIGH TEMPERATURE DUST BAG

INTRODUCTION

PRODUCT FEATURES

- Excellent high-temperature resistance allows for long-term stable operation in high-temperature environments, making it suitable for use in extreme heat source conditions.
- Strong chemical stability. Excellent corrosion resistance against acidic gases, alkaline gases, and oxidizing substances.
- High filtration efficiency. Excellent retention of fine particles.
- Easy to clean and resistant to clogging. Pulse cleaning technology offers high efficiency, reduces operating resistance, and extends service life.

PRODUCT DISPLAY PICTURE



Made of **high-temperature** resistant fiber material, it can operate stably at temperatures above **220°C**



Dust bag frame

[Name]: Fiberglass dust filter bag, FMS dust filter bag, Anti-static FMS dust filter bag, P84 dust filter bag, PTFE dust filter bag, Composite dust filter bag

[Diameter]: 105-500mm

[Breathability]: 80-100m³/m²/s

[Supporting material]: 304, 316, silicone sprayed steel

[Filtering wind speed]: 1.0-1.2 m/min

[Post-processing method]: PPE impregnation, lamination, coating

[Application area]: Cement Industry, Steel Metallurgy, Ceramics and Glass Manufacturing
Waste Incineration and Biomass Power Generation, Power Industry

DUST BAG PARAMETER DISPLAY

Product Name	Weight	Operating temperature	Radial Tension	Weft Tension	Radial Elongation	Weft Elongation
Fiberglass Dust Filter Bag	≥900g/m ²	≤240°C, Instant 300°C	> 1000 N/5x20cm	> 1000 N/5x20cm	<10%	<10%
FMS Dust Filter Bag	> 850g/m ²	220-240°C, Instant 300°C	> 1200 N/5x20cm	> 1200 N/5x20cm	<10%	<10%
Anti-static FMS Dust Filter Bag	> 850g/m ²	220-240°C, Instant 300°C	> 1200 N/5x20cm	> 1200 N/5x20cm	<10%	<10%
P84 Dust Filter Bag	≥500g/m ²	≤260°C, Instant 300°C	> 1400 N/5x20cm	> 1200 N/5x20cm	<30%	<30%
PTFE Dust Filter Bag	≥500g/m ²	≤260°C, Instant 300°C	> 1800 N/5x20cm	> 1800 N/5x20cm	<30%	<30%
Composite Dust Filter Bag	≥900g/m ²	260-350°C	> 1800 N/5x20cm	> 1800 N/5x20cm	<30%	<30%



PRODUCT PRECAUTIONS

When using high-temperature dust collection bags, it is important to select high-temperature resistant filter media, properly control the operating temperature, and implement cooling measures to extend the life of the filter bags and ensure effective dust removal. Furthermore, it is important to pay attention to the gas composition, prevent corrosion, and maintain a tight dust collection system to prevent air leaks.