

## Anti-static shielding bag

### ◆ Product Description

The anti-static shielding bag is a professional packaging solution specifically designed for electrostatically sensitive electronic components, precision instruments, and high-value materials. It provides excellent electrostatic protection, electromagnetic shielding, and environmental tolerance through dual mechanisms of physical isolation and electrostatic dissipation.



- Double electrostatic protection mechanisms
- Multi-layer composite shielding structure
- Excellent electromagnetic compatibility (EMC)
- High-strength and durable design
- Convenient and user-friendly design

### ◆ Product Structure

- The anti-static shielding bag adopts a three-layer composite structure of PET/AL/PE. The outer PET layer provides high-strength puncture resistance, the middle aluminum foil layer achieves electromagnetic shielding and  $\geq 99.9\%$  light-blocking and moisture-proof properties, and the inner conductive PE layer combines electrostatic dissipation and heat-sealing functions. It is equipped with convenient designs such as self-adhesive seals and easy-tear openings.

### ◆ Typical Applications

- Anti-static shielding bags are widely used in electronics and semiconductor, new energy, medical equipment, and automotive electronics industries. Through the electrostatic dissipation, electromagnetic shielding, moisture and light blocking, and high-strength properties of their three-layer composite structure, they meet the storage and transportation protection needs of electrostatic-sensitive products in different scenarios, adapting to complex environments such as cleanrooms, humid and hot conditions, and high electromagnetic radiation.

### ◆ Typical Product Data and Physical Properties

Material: Antistatic polyester + aluminum deposition + antistatic polyethylene

Color: Silver

Dimensions: Various standard sizes

Antistatic performance:  $\leq 1.0 \times 10^{10} \Omega$

Shielding voltage:  $< 30V$

Light transmittance:  $\geq 40\% \pm 10\%$

Tensile strength:  $\geq 25MPa$

#### Availability:

Item#	Size	Number of layers	letterpress
1.2.11.01.0018	175*125*0.075MM	Short side opening	None
1.2.11.01.0303	550*420*0.075MM	Short side opening	None
1.2.11.01.0307	60*50*0.075MM	Short side opening	None
1.2.11.01.0305	50*100*0.075MM	Short side opening	None
1.2.11.01.0196	530*270*0.14MM	Short side opening	None
1.2.11.01.0004	190*150*0.075MM	Short side opening	None
1.2.11.01.0012	400*275*0.075MM	Short side opening	None

### ◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

#### ◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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