

Anti-static aluminum foil bag

◆ Product Description

The anti-static aluminum foil bag is a high-end packaging solution specially designed for electrostatically sensitive electronic components, precision instruments, and high-value materials. It features a multi-layer composite shielding structure and combines excellent anti-static, moisture-proof, light-blocking, and electromagnetic shielding properties.



- Core electrostatic shielding
- Moisture-proof and light-blocking design
- Professional-grade anti-static performance
- Physical cushioning protection
- Easy-tear line design

◆ Product Structure

- The anti-static aluminum foil bag adopts a five-layer co-extruded composite structure (including an outer protective layer, an electrostatic shielding layer, a buffer isolation layer, a moisture-proof sealing layer, and an inner conductive PE layer). It integrates excellent anti-static, moisture-proof, light-blocking, and electromagnetic shielding properties, and is equipped with functional designs such as self-adhesive seals and easy-tear lines.

◆ Typical Applications

- Anti-static aluminum foil bags are widely used in electronics and semiconductor, new energy and energy storage, as well as aerospace and precision instruments fields. Through the anti-static, moisture-proof, electromagnetic shielding, and light blocking properties of their multi-layer composite structure, they meet the protection needs of electrostatic-sensitive products in different industries.

◆ Typical Product Data and Physical Properties

Material: PET (outer layer) + AL (aluminum foil layer) + PE (inner heat-sealing layer)

Color: Silver

Dimensions: Various standard sizes

Antistatic performance: $\leq 1.0 \times 10^{11} \Omega$

Electromagnetic shielding effectiveness: $\geq 60\text{dB}$

Light-blocking rate: $\geq 99.9\%$

Tensile strength: $\geq 25\text{MPa}$

Availability:

Item#	Size	Number of layers	letterpress
1.2.11.04.0004	500*400*0.14MM	Short side opening	ESD Mark
1.2.11.04.0003	450*250*0.14MM	Short side opening	ESD Mark
1.2.11.04.0002	280*250*0.14MM	Short side opening	ESD Mark
1.2.11.04.0025	220*250*0.1MM	Short side opening	ESD Mark
1.2.11.04.0022	500*450*0.14MM	Short side opening	None
1.2.11.03.0010	550*320*0.12MM	Short side opening	ESD Mark

◆ 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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