KANBO®

Technical Data sheet

ESD Bonding Tape

◆ Product Description

Antistatic Splicing Tape is an important auxiliary material used in SMT placement processes in the electronic manufacturing industry, primarily serving to connect electronic component tapes and prevent electrostatic damage to electronic components.

- High Antistatic Performance
- High Adhesion: Firm & Non-Detachable
- Tool-Free & Easy Operation
- Strong Compatibility with Multi-Specification Component Tapes
- High Toughness: Tear-Resistant & Non-Breakable

◆ Typical Product Data and Physical Properties

Material: Polyester Film (PET)
Antistatic Coating Layer: Externally Coated with Antistatic Coating
Hot Melt Adhesive Layer: Modified Hot Melt Pressure-Sensitive Adhesive
Specification: 8MM/12MM/16MM/24MM
Antistatic Resistance: 1*10E6-1*10E9Ω
Tensile Strength: ≥ 50 Mpa
Tear Strength: ≥ 20 kN/m
Elongation at Break: ≥150%

◆ Product Structure

- The antistatic splicing tape adopts a multi-layer composite structure, where all layers work synergistically to not only ensure the stability of tape splicing but also achieve an antistatic function, fully meeting the automated production requirements of the SMT placement process.

Availability:

Item#	Color	Spec	Packaging	Weight
1.2.13.09.0028	Black	8MM	500pcs/box	0.045kg
1.2.13.09.0027	Black	12MM	500pcs/box	0.075kg
1.2.13.09.0032	Black	16MM	500pcs/box	0.1kg
1.2.13.09.0031	Black	24MM	500pcs/box	0.15kg

◆ Typical Applications

- Antistatic Splicing Tape is a key auxiliary material for SMT placement processes. It adopts a composite structure consisting of antistatic PET, a high-adhesion adhesive layer, and a release layer, and features antistatic performance, strong and stable adhesion, tool-free operation, compatibility with multiple specifications, and tensile resistance. It enables non-stop material changeover on production lines, and is widely used in electrostatic-sensitive electronic manufacturing scenarios such as consumer electronics and automotive electronics. Compatible with mainstream placement machines, it also allows for efficient utilization of leftover materials, improving production efficiency and reducing costs.

◆ 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 is for reference purposes only.