Double Coated Conductive Tape

TECHNICAL DATA SHEET

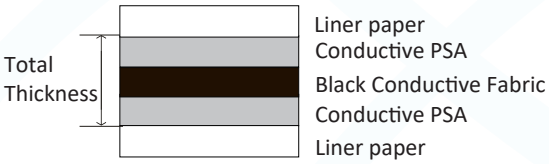
LY2500 Series

This double coated conductive tape features black conductiv fabric as backing, and double coated with good PSA. The product is excellent for EMI/RFI solutions.

Features

- Good EMI shielding and RFI performance
- Easy To Die Cut
- Good Adhesion
- Good ESD and Low Conductivity

Structure



Specifications

PROPERTIES	DATA	TEST METHOD
Color	Black	Visual
Adhesive Type	Conductive Acrylic	
Total Thickness[1], mm	0.025 - 0.25	ASTM D1000
Peel Adhesion of Conductive PSA, kgf/inch	≥1.5 T: 0.08- 0.25 mm	PSTC-101
	≥1.0 T: 0.025- 0.07mm	PSTC-101
Shear Adhesion, hrs/kg	≥48 T: 0.08- 0.25 mm	PSTC-107
	≥24 T: 0.025- 0.07mm	PSTC-107
Surface Resistivity, ohm/sq	≤ 0.05	MIL-DTL-83528
Contact Resistance Testing, ohm	≤ 0.05	MIL-STD -202, Method 307

[1] Total thickness is less than the sum of thickness of each layer, because conductive adhesive is permeated into the backing material after lamination.
PSA= Pressure Sensitive Adhesive.

Storage

Storage Temperature: 10-30°C
Storage Humidity: 40~50%RH
Storage Validity:6 Months

Regulation

RoHS Compliant & Halogen Free

APPLICATION TECHNIQUES

- Make sure NOT stored in high humidity enviornment(over 70% R.H). and avoid direct sunlight
- The substrate surface should be clean and free of oil and dirt. If there is any type of coating already on the substrate, it should be free of surface scratches, coating chatter or coating streak, wrinkles and dirt. These defects can lead to improper coating.

DISCLAIMER:

This information is furnished as a guide for selecting materials. LYE disclaims liability for results or use of this information. It is the customer's responsibility to obtain and test samples when determining suitability of material for a particular application.

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