

LY-K003

This is soft, flexible. It works great in gap-filling, EMI shielding, and grounding. It consists of a layer of conductive nonwoven and a layer conductive acrylic adhesive.

Features

- Good Compliance
- Easy to convert / die cut
- Applied for EMI/RFI design solution
- Good conductivity and bonding

Structure

Conductive Nonwoven Fabric

Conductive PSA

Liner film

Specifications

| PROPERTIES | DATA | TEST METHOD |
|----------------------------------|-------------------|------------------------|
| Color | Gray | Visual |
| Total Thickness, mm | 0.035 ± 0.005 | ASTM D1000 |
| Peel Adhesion , gf/inch | ≥ 700 | PSTC-101 |
| Shear Adhesion, Hour | ≥ 24 | PSTC-107 |
| Surface Resistance, ohm/sq | < 0.05 | MIL-DTL-83528 |
| Contact Resistance(Z-axial), ohm | < 0.02 | MIL-DTL-83528 modified |
| Operating Temperature | -20 to 85 | ASTM D1000 |

Total thickness is less than the sum of thickness of each layer, because conductive adhesive is permeated into the conductive fabric backing after lamination.

Storage

Storage Temperature: 18~26°C
Storage Humidity: 40~60% RH
Storage Validity: 6 Months

Regulation

RoHS Compliant & Halogen Free
and PFAS-free

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.

