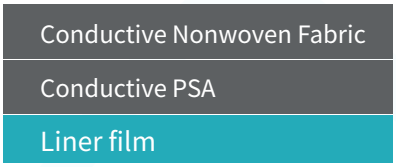
LY-K002B

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

Features

- Matte black
- Easy to convent / die cut
- Applied for EMI/RFI design solution
- Good conductivity and bonding

Structure



Specifications

PROPERTIES	DATA	TEST METHOD
Color	Matte Black	Visual
Total Thickness, mm	0.030 ± 0.005	ASTM D1000
Peel Adhesion Side gf/inch	≥ 600	PSTC-101
Shear Adhesion Side Hour	≥ 24	PSTC-107
Surface Resistance, ohm/sq	< 0.1	MIL-DTL-83528
Contact Resistance(Z-axial), ohm	< 0.03	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

APPLICATION TECHNIQUES

Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure and moderate heat, from 100°F (38°C) to 130°F (54°C), will assist the adhesive in developing intimate contact with the bonding surface.
To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Typical cleaning solvents are methyl ethyl ketone for metals or isopropyl alcohol for plastics. Carefully read and follow manufacturer's precautions and directions for use when using cleaning solvents.
Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended

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.