# LY2013

LY2000 series conductive tape is developed with electrically conductive fabric double coated with our new developed bonding conductive acrylic adhesive. This product show excellent conductivity and bonding and widely used in EMI/RFI shielding solutions.

## Features

- Easy to convent / die cut
- Applied for EMI/RFI design solution
- Excellent conductivity and bonding
- Upgrade conductive adhesive

## Structure

Conductive PSA, A Side
Conductive Fabric
Conductive PSA, B Side
Liner paper with LYE logo

## Specifications

| PROPERTIES | DATA | TEST METHOD |
|---|---|---|
| Color | Grey | Visual |
| Total Thickness, mm | 0.07 ± 0.01 | ASTM D1000 |
| Peel Adhesion A side, gf/inch | ≥ 800 | PSTC-101 |
| Peel Adhesion B side, gf/inch | ≥ 900 | PSTC-101 |
| Shear Adhesion, Hour | ≥ 24 | PSTC-107 |
| Contact Resistance(Z-axial), ohm | < 0.01 | MIL-DTL-83528 modified |
| Service 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.