

SCUT.36

COPPER FOIL TAPE

General Description

36 micron high tensile solderable copper foil coated with a high quality conductive acrylic adhesive system and protected by siliconized paper liner. Intended for electrostatic and EMI/RFI shielding, cable wrapping, flexible circuit boards, coils and transformers.

Features

- Good malleability, heat/cold resistance
- UV and ageing resistant
- Excellent solderability

Applications

- Electrical/Electronics industry
- Automotive and aerospace industry

Technical Data

| Property | Value |
|-----------------------------------|-----------------------|
| Product Type | Single coated |
| Backing Type | Copper foil |
| Adhesive Type | Conductive acrylic |
| Color | Copper |
| Liner Type | Monosiliconized paper |
| Liner Color | White |
| Backing Thickness | 0,036 mm |
| Total Thickness | 0,075 mm |
| Peel Adhesion at 180° On Steel | 5.00 N/cm |
| Tensile Strength | 65.00 N/cm |
| Rolling Ball Tack | < 10 cm |
| Elongation at Break | 6% |
| Thermal Class | 155 (F) |
| Short Time Temperature Resistance | 180 °C |
| Flame Retardancy | Yes (UL 510) |
| Electrical Resistance | 0,005 Ohm |
| Approvals | UL file No. E506272 |
| Shelf Life | 12 months |
| Standard Length | 33 m |
| Standard Width | 630 mm |



* International harmonized test methods: ASTM D-1000, PSTC, EN 60454-2.

All statements and information listed above regarding this product are typical values for general guidance, these data have not to be intended as conformity specification. These suggestions are based on tests we believe reliable, but are not guaranteed for accuracy and completeness. The user must test, evaluate and validate this product before the use, assuming risks and liability of such use. This document may be revised without prior notice. Suggested storage temperature is between 10°C and 30°C with 50% relative humidity.

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