Technical Data

Issue 2 / July 2006

AT536 35 Micron Tin Clad Copper Shielding Tape

General description

35 micron tin clad copper foil coated with an electrically conductive acrylic adhesive supplied on a removable silicone liner.

- Conductive acrylic adhesive
- Good high and low temperature resistance
- Excellent resistance to ozone, oil, chemicals and water
- Easily soldered
- Easy unwind

Specification

- Tested in accordance with ASTM D-1000 latest issue, BS EN 60454 - Part 2 test methods (formerly VDE 0340, BS 3924).
- Construction is tested in-house and conforms to the Flame retardant requirement part only of UL510

Technical Details

Technical details	BS value	ASTM value
Typical values		
Foil thickness	0.035mm	1.4 mil
Adhesive thickness	0.025mm	1.0 mil
Total thickness	0.060mm	2.4 mil
Adhesion to steel	5.0 N/cm	45 oz/inch
Tensile strength	40 N/cm	22 lbs/inch
Elongation	5%	5%
Temperature resistance	-20°C to +155°C	+311°F
Electrical resistance through		
Adhesive*	0.003 ohms	
RoHS compliant	Yes	
Storage Temperature	+12°C to +25°C	

* Tested according to MIL STD 202F method 307 across surface area of 1 sq. inch.

NOTE

Except where indicated otherwise, the figures stated are average values and should not be regarded as MAXIMUM or MINIMUM values for specification purposes. The Company reserves the right to improve products and any change in specification will result in a re-issue of the relevant 'Technical Data Sheet'. Customers should satisfy themselves that the tape is suitable for their requirements whether after such modifications or otherwise. Please check that you have the latest issue of the 'Technical Data Sheet'. All slitting and length tolerances are to British Standards. Before use the customer is advised to consult the Health & Safety Data Sheet produced by the company for this product, which is available on request.

STORAGE

Tapes stored below the minimum recommended temperature will require warming up to that level before use. Up to 24 hours may be required for this to take place.

ADVANCE adhesive tapes

BS EN ISO 9001 Q05206

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