

# TECHNICAL DATA

Version 5

## AT544 35 Micron Tin Clad Copper Foil Masking Tape

### General Description

A very specific strip masking tape based on a 35 micron tin clad copper foil coated with an electrically conductive acrylic adhesive, laminated with a removable self-adhesive polyester masking tape.

- Conductive acrylic adhesive
- Removable Polyester Masking Strip
- Good high and low temperature resistance
- Excellent resistance to ozone, oils, chemicals and water
- Easy unwind

### Specifications\*

Tested in accordance with ASTM D-1000 latest issue, BS EN 60454 - Part 2 test methods (Formerly VDE 0340, BS 3924). Tested and meets military specification MIL – T – 47012 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		
<b>Tin clad copper foil</b>		
Foil thickness	0.035mm	1.4 mil
Adhesive thickness	0.025mm	1.0 mil
Total thickness	0.06mm	2.5 mil
<b>Polyester masking tape</b>		
Base thickness	0.050mm	2.0 mil
Adhesive thickness	0.030mm	1.2 mil
Total thickness	0.080mm	3.2 mil
Storage Temperature	+12°C to +25°C	

### 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.

Please also see data sheet for AT536 35 micron Tin Clad Copper Shielding Tape (Unmasked product).

\*Standard charge for certificate: £25.00.



### AFERA

Association des Fabricants Européens de Rubans Auto-Adhésifs.

### Adding more to adhesive tape

Registered in England No. 929843  
Vat No. 115-6143-00

Advance Tapes International Limited  
Westmoreland Avenue  
Thurmaston  
Leicester LE4 8PH  
England

Tel. +44 (0)116 251 0191  
Fax. +44 (0)116 265 2046  
contact@advancetapes.com

www.advancetapes.com



Q05026