

Technical Data

Issue 4 / December 2006

AT541 40 Micron Aluminium Foil Masking Tape

General description

A strip masking tape based on a 40 micron aluminium foil coated with an electrically conductive acrylic adhesive and laminated with a self adhesive removable polyester masking tape.

- Conductive acrylic adhesive
- Removable Polyester masking strip
- Good high and low temperature resistance
- Good resistance to chemicals, heat, acid and alkali
- Easy unwind

Specification

- 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
- Foil construction is tested in-house and conforms to the Flame retardant requirement part only of UL510.

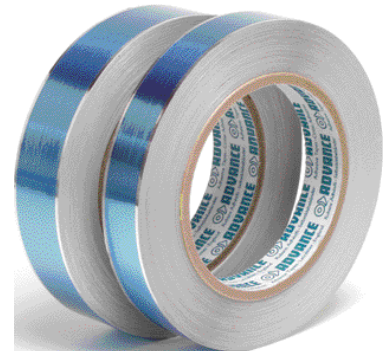
Applications

Applied prior to powder coating, the polyester masking tape will withstand powder coat baking temperatures up to +200°C. After processing, the masking tape is removed from the aluminium without leaving an adhesive residue, providing a conductive pathway through to the panel.

Technical Details

Technical details	BS value	ASTM value
Typical values		
Aluminium foil		
Foil thickness	0.040mm	1.6 mil
Adhesive thickness	0.025mm	1.0 mil
Total thickness	0.065mm	2.6 mil
Masking strip		
Base thickness	0.025mm	1.0 mil
Adhesive thickness	0.025mm	1.0 mil
Total thickness	0.050mm	2.0 mil
RoHS compliant	Yes	
Storage Temperature	+12°C to +25°C	

Also see technical data sheets for AT521 40 Micron Aluminium Foil Shielding Tape (Unmasked product).



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



INVESTOR IN PEOPLE

Advance Tapes International Limited, PO Box 122,
Abbey Meadows, Leicester, LE4 5RA.

Tel: 0116 251 0191. Fax: 0116 265 2046. www.advancetapes.com

AFERA

Association des Fabricants Européens de
Rubans Auto-Adhésifs.