

# TECHNICAL DATA

Version 5

## 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



### Technical Details

Typical Values                      BS value                      ASTM value

#### 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).

\*Standard charge for certificate: £25.00.

### 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.



### AFERA

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### Adding more to adhesive tape

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