

# TECHNICAL DATA

Version 15

## AT7 PVC Electrical Insulation Tape

### General Description

A lead free PVC Electrical Insulation Tape coated With pressure sensitive adhesive.

- Flame retardant
- Self-extinguishing
- Easy tear
- Easy unwind
- Flexible
- Conformable to awkward shapes
- Water resistant
- Good abrasion resistance
- UV resistant
- Non-corrosive adhesive



### Specifications

Certification\* to the following standards may be available On request. BS EN 60454-3-1/Type 2 (Formerly BS 3924)

#### Technical data

|                         |                       |
|-------------------------|-----------------------|
| Thickness               | 0.13mm                |
| Breaking Load           | 26 N/cm               |
| Elongation              | 180%                  |
| Adhesion                |                       |
| Steel                   | 2.4 N/cm              |
| Self                    | 2.1 N/cm              |
| Water Extract           | pH 6.8                |
| Conductivity Max.       | 2 mS/m                |
| Electrical Properties   |                       |
| B/down Voltage          | 8.0 kV                |
| 1 Min Proof Test        | 6.0 kV                |
| Insulation Resist       | 10 <sup>11</sup> ohms |
| Cu Corrosion            | No Staining           |
| Flame Retardancy        | Self extinguishing    |
| RoHS Compliant          | Yes                   |
| Service Temperature     | -5°C to +70°C         |
| Application Temperature | 0°C to +40°C          |
| Storage Temperature     | +12°C to +25°C        |

\*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

Association des Fabricants Européens de Rubans Auto-Adhésifs.

#### Adding more to adhesive tape

Registered in England No. 929843  
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