TECHNICAL DATA

Version 14
AT501 Reinforced Aluminium Foil Tape

General Description
A scrim reinforced 120 micron aluminium foil and kraft paper laminate, coated on the kraft side with a dispersion acrylic, pressure sensitive adhesive. The tape is backed with a strong polythene coated release paper.

- Flame retardant and self-extinguishing
- High and low temperature resistance
- Easy unwind
- Water resistant
- Scrim reinforced

Specification
Type test certificate* available to show conformance to BS476 Part 7 Category 1 Spread of Flame. Certification to the following standards may be available on request.

Technical Details
Typical Values

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>0.12mm</td>
</tr>
<tr>
<td>Breaking Load</td>
<td>60 N/cm</td>
</tr>
<tr>
<td>Elongation</td>
<td>5%</td>
</tr>
<tr>
<td>Adhesion Steel</td>
<td>4.6 N/cm</td>
</tr>
<tr>
<td>Moisture Vapour Permeability</td>
<td>&lt;1g/m²/24 hours</td>
</tr>
<tr>
<td>RoHS compliant</td>
<td>Yes</td>
</tr>
<tr>
<td>Service Temperature</td>
<td>-40°C to +110°C</td>
</tr>
<tr>
<td>Application Temperature</td>
<td>-20°C to +40°C</td>
</tr>
<tr>
<td>Storage Temperature</td>
<td>+12°C to +25°C</td>
</tr>
</tbody>
</table>

*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. 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. To achieve the best results ensure that surfaces are clean, dry and free from contamination before application.

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.

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