1298 Electrical Tape
Polyester Film, Flame-Retardant with Acrylic, Pressure Sensitive Adhesive

Data Sheet

- UL recognized flame retardant
- Flagging resistant
- Printable
- Solvent resistant without thermosetting

3M™ Electrical Tape 1298 is compatible with most commonly used magnet wire enamels, such as polyurethane, formvar and polyester. Purchasers should conduct their own tests to determine the compatibility of this tape with the insulation systems they use.

UL Component Recognition

- Flame retardant per UL Subject 510

UL File Number E17385 A and B, Guide OANZ2. Underwriters Laboratories (UL) recognized products have been evaluated for use as components of end-product equipment that is listed or classified by UL. To achieve Underwriters Laboratories recognition, component construction must meet UL specifications and conditions of acceptability for proper and safe use of the component or product.

Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical Value*</th>
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</thead>
<tbody>
<tr>
<td>Thickness</td>
<td>2.5 mils (.063 mm)</td>
</tr>
<tr>
<td>Breaking Strength</td>
<td>25 lb./in (44 N/10 mm)</td>
</tr>
<tr>
<td>Elongation</td>
<td>100%</td>
</tr>
<tr>
<td>Adhesion to Steel</td>
<td>40 oz/in (4.4 N/10 mm)</td>
</tr>
<tr>
<td>Dielectric Strength</td>
<td>5500V</td>
</tr>
<tr>
<td>Temperature Class</td>
<td>130°C</td>
</tr>
<tr>
<td>Insulation Resistance</td>
<td>&gt;1x10^6 megohms</td>
</tr>
</tbody>
</table>
| Electrolytic Corrosion Factor
  | 1.0             |
| Copper Corrosion          | None            |
| Flammability              | Passes          |

*Not recommended for specification purposes. Product specifications will be provided upon request.

Test methods: 1^3M Test Method
2^UL Subject 510
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All statements, technical information and recommendations related to the Seller’s products are based on information believed to be reliable, but the accuracy or completeness thereof is not guaranteed. Before utilizing the product, the user should determine the suitability of the product for its intended use. The user assumes all risks and liability whatsoever in connection with such use.

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