July, 2015

3M™ Specialty High Temperature Tan Masking Tape 501+

Product Description

3M™ Specialty High Temperature Masking Tape 501+ is a tan colored crepe paper masking tape for critical paint masking applications in the automotive, specialty vehicle, and industrial markets where excellent holding and high temperature performance are required.

Product Features

- Specialty high temperature masking tape used for critical paint masking applications.
- High-temperature adhesive quickly sticks with confidence to most surfaces — including metal, rubber, glass, and plastic — while removing cleanly in one piece.
- Extra strong high-temperature tan crepe-paper backing conforms to irregular surfaces and resists bleed through from most industrial paint systems.
- Temperature resistant up to 300°F (149°C) for 30 minutes.
- Provides super sharp paint lines.
- Backing provides excellent conformability.
**3M™ Specialty High Temperature Tan Masking Tape 501+**

**Technical Information Note**

The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

## Typical Physical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color</td>
<td>Tan</td>
<td></td>
</tr>
<tr>
<td>Total Tape Thickness</td>
<td>0.185 mm (7.3 mil)</td>
<td>ASTM D3652</td>
</tr>
<tr>
<td>Backing</td>
<td>Smooth crepe paper treated with a heat resistant saturant</td>
<td></td>
</tr>
<tr>
<td>Adhesive</td>
<td>Rubber</td>
<td></td>
</tr>
</tbody>
</table>

## Typical Performance Characteristics

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Method</th>
<th>Substrate</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peel Adhesion</td>
<td>3.9 N/cm</td>
<td>36 oz/in</td>
<td>Stainless Steel</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>45.5 N/cm</td>
<td>416 oz/in</td>
<td></td>
</tr>
<tr>
<td>Elongation at Break</td>
<td>10 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Temperature Use Range</td>
<td>30 minutes up to 149 °C</td>
<td>30 minutes up to 300 °F</td>
<td></td>
</tr>
</tbody>
</table>

## Available Sizes

<table>
<thead>
<tr>
<th>Property</th>
<th>Values</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Roll Length</td>
<td>55 m</td>
<td>60 yd</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Available in metric widths (eg, 24 mm corresponds to 1 inch).</td>
</tr>
</tbody>
</table>
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Storage and Shelf Life

Store under normal conditions of 70°F (21°C) and 50% R.H. in the original carton. To obtain best performance, use within 18 months from date of manufacture.

Trademarks

3M is a trademark of 3M Company.

References

1. 3m.com Product Page

2. Safety Data Sheet

ISO Statement

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001 standards.

Technical Information

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