Product Description

3M™ Wafer De-Taping Tape 3305 is a transparent polyester film with an adhesive specifically designed for the removal of the 3M™ Wafer Support Systems (WSS) adhesive from the surface of the device wafer after the carrier glass is separated from the silicon wafer.

Features and Benefits

- Enables simple, low-stress, room temperature peeling of 3M™ Adhesives from thinned silicon wafers after glass carrier debonding
- Transparency allows for inspection without tape removal
- High instant adhesion to substrate
- Good holding power

Product Construction

- Backing: Polyester film (Nominal 0.038mm thickness)
- PSA: Rubber adhesive (Nominal 0.030mm thickness)

Typical Physical Properties

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

<table>
<thead>
<tr>
<th>Properties</th>
<th>Unit</th>
<th>Value</th>
<th>Test Method</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tape Thickness</td>
<td>mm</td>
<td>0.068</td>
<td></td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>N/cm</td>
<td>78.4</td>
<td>JIS Z 0237</td>
</tr>
<tr>
<td>Elongation</td>
<td>%</td>
<td>125</td>
<td></td>
</tr>
<tr>
<td>Adhesion Strength (SUS)*1</td>
<td>N/cm</td>
<td>9.41</td>
<td></td>
</tr>
</tbody>
</table>

*1: Adhesion Strength is 180° peel strength on Stainless Steel.
- Substrate: Stainless Steel (SUS304) treated by abrading with #280 abrasive
- Pressure: 2kg rubber roller once for each direction
- Peel speed: 300mm/min.
- Sample width: 25mm
- Dwell time: from 20 to 40 minutes
Regulatory
For regulatory information about this product, contact your 3M representative.

Technical Information
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