



# tesa<sup>®</sup> 70350

## Product Information

500µm double-sided transparent Bond & Detach tape

### Product Description

tesa<sup>®</sup> 70350 is a double-sided mounting tape which can be removed by stretching the adhesive in the bond plane (stripping).

tesa<sup>®</sup> 70350 features:

- Thickness: 500µm
- Very high bonding strength
- Superior push out and shock resistance
- Easy removability even after long bonding time by stretching the adhesive

### Product Features

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- Very high bonding strength
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### Application Fields

- Temporary fixation of components in electronic devices during the production process
- Permanent mounting of components in electronic devices with the option to remove the parts for repairing or recycling
- Secure mounting of decorative parts, signs and plates

### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

### Product Construction

- |                    |           |                   |             |
|--------------------|-----------|-------------------|-------------|
| • Backing          | none      | • Total thickness | 500 µm      |
| • Type of adhesive | specialty |                   | 19.7 mils   |
| • Type of liner    | glassine  | • Color           | transparent |

### Properties/Performance Values

- |                                    |                 |                                     |        |
|------------------------------------|-----------------|-------------------------------------|--------|
| • Static shear resistance at 40°C  | very good       | • Temperature resistance short term | 90 °C  |
| • Temperature resistance long term | 60 °C<br>140 °F |                                     | 194 °F |



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### Adhesion to Values

• Aluminium (initial)	16 N/cm 146.2 oz/in	• PC (after 14 days)	14 N/cm 127.9 oz/in
• Aluminium (after 14 days)	16 N/cm 146.2 oz/in	• PE (initial)	12 N/cm 109.6 oz/in
• Magnesium (initial)	14 N/cm 127.9 oz/in	• PE (after 14 days)	12 N/cm 109.6 oz/in
• Magnesium (after 14 days)	14 N/cm 127.9 oz/in	• Steel (initial)	23 N/cm 210.1 oz/in
• PC (initial)	14 N/cm 127.9 oz/in	• Steel (after 14 days)	23 N/cm 210.1 oz/in

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=70350>