



# tesa<sup>®</sup> 70405

## Bond & Detach

### Product Information

50µm double-sided white Bond & Detach tape

### Product Description

tesa<sup>®</sup> 70405 is a double-sided mounting tape which can be removed by stretching the adhesive in the bond plane (stripping).

### Sustainable Aspects

- solvent free coating

### Product Features

- Thickness: 50µm
- Very high bonding strength
- Very good push out and shock resistance
- Easy removability even after long bonding time by stretching the adhesive

### 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

### 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      | • Color              | white |
| • Type of adhesive | specialty | • Color of liner     | brown |
| • Type of liner    | glassine  | • Thickness of liner | 72 µm |
| • Total thickness  | 50 µm     |                      |       |

### Properties/Performance Values

- |                                     |           |                                   |           |
|-------------------------------------|-----------|-----------------------------------|-----------|
| • Removability after 14 days (23°C) | very good | • Static shear resistance at 23°C | very good |
| • Residue-free removability         | yes       | • Static shear resistance at 40°C | very good |
| • Solvent free                      | yes       |                                   |           |



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#### Adhesion to Values

• Aluminium (initial)	8 N/cm	• PE (initial)	6 N/cm
• Aluminium (after 14 days)	8 N/cm	• PE (after 14 days)	6 N/cm
• Magnesium (initial)	6 N/cm	• Steel (initial)	9 N/cm
• Magnesium (after 14 days)	6 N/cm	• Steel (after 14 days)	9 N/cm

#### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=70405>