



# tesa<sup>®</sup> 70440

## tesa<sup>®</sup> Bond&Detach

### Product Information

400µm double sided white Bond & Detach tape

### Product Description

tesa<sup>®</sup> 70440 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: 400µm
- Very high bonding strength<
- Superior 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  | 400 µm    |                      |       |

### Properties/Performance Values

- |                                     |           |                                     |           |
|-------------------------------------|-----------|-------------------------------------|-----------|
| • Removability after 14 days (23°C) | very good | • Static shear resistance at 40°C   | very good |
| • Residue-free removability         | yes       | • Temperature resistance long term  | 60 °C     |
| • Solvent free                      | yes       | • Temperature resistance short term | 90 °C     |
| • Static shear resistance at 23°C   | very good |                                     |           |



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#### Adhesion to Values

• Aluminium (initial)	14 N/cm	• PE (initial)	10 N/cm
• Aluminium (after 14 days)	14 N/cm	• PE (after 14 days)	10 N/cm
• Magnesium (initial)	13 N/cm	• Steel (initial)	22 N/cm
• Magnesium (after 14 days)	13 N/cm	• Steel (after 14 days)	22 N/cm

#### Disclaimer

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

For latest information on this product please visit <http://l.tesa.com/?ip=70440>