



tesa® 70440

Product Information

400µm double sided white Bond & Detach tape

Product Description

tesa® 70440 is a double-sided mounting tape which can be removed by stretching the adhesive in the bond plane (stripping).

tesa® 70440 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 | | |

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 |

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



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