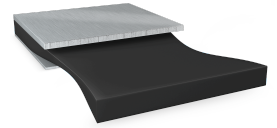




tesa® 70640

Product Information



400µm double sided black bond and detach

Product Description

tesa® 70640 is a double-sided mounting tape which can be removed by stretching the adhesive

tesa® 70640 features:

- Thickness: 400µm
- Light blocking
- Very high bonding strength
- Superior push out and shock resistance
- Easy removability even after long bonding time

Application Fields

- Battery mounting
- * Permanent mounting of components in electronic devices with the option to remove the parts for repairing or recycling
- * Temporary fixation of components
- * Light blocking in displays and mobile phone applications

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 material | none | • Color | black |
| • Type of adhesive | specialty | • Colour 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 removal | yes | • Temperature resistance long term | 60 °C |
| • Solvent free | yes | • Temperature resistance short term | 90 °C |
| • Static shear resistance at 23°C | very good | | |



tesa[®] 70640

Product Information

Adhesion to Values

| | | | |
|-----------------------------|---------|-------------------------|---------|
| • Aluminium (initial) | 13 N/cm | • PE (initial) | 9 N/cm |
| • Aluminium (after 14 days) | 13 N/cm | • PE (after 14 days) | 9 N/cm |
| • Magnesium (initial) | 11 N/cm | • Steel (initial) | 19 N/cm |
| • Magnesium (after 14 days) | 11 N/cm | • Steel (after 14 days) | 19 N/cm |

Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=70640>