



tesa[®] 70650

Product Information

500µm double-sided black bond and detach

Product Description

tesa[®] 70650 is a double-sided mounting tape which can be removed by stretching the adhesive

tesa[®] 70650 features:

- * Thickness: 500µm
- * 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	none	• Color	black
• Type of adhesive	specialty	• Color of liner	brown
• Type of liner	glassine	• Thickness of liner	72 µm
• Total thickness	500 µm		



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Product Information

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) | 12 N/cm | • Steel (initial) | 20 N/cm |
| • Magnesium (after 14 days) | 12 N/cm | • Steel (after 14 days) | 20 N/cm |

Disclaimer

tesa[®] 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[®] 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.