



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

Product 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



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Product Information

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		

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

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