



tesa[®] 70640

Bond & Detach

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

Product 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.



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Product Information

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	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)	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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