



# tesa<sup>®</sup> 70640

## Bond & Detach

### Product Information

400µm double-sided black bond and detach

### Product Description

tesa<sup>®</sup> 70640 is a double-sided mounting tape in black which can be removed by stretching the adhesive

### Sustainable Aspects

- solvent free coating
- 46% bio-based adhesive component

### 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.

### 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		

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



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#### 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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