



tesa[®] 70640

Bond & Detach

Product Information

400µm double-sided black bond and detach

Product Description

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

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 | | |



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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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