



# tesa<sup>®</sup> 70615 Bond & Detach<sup>®</sup>

## Product Information

150µm double-sided black bond & detach

## Product Description

tesa<sup>®</sup> 70615 is a double-sided mounting tape in black which can be removed by stretching the adhesive

## Product Features

- Thickness: 150µm
- Light blocking
- Very high bonding strength
- Very good push out and shock resistance
- Easy removability even after long bonding time
- Residue-free removal

## 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  | 150 µm    |                      |       |

## Properties/Performance Values

- |                                     |           |                                     |           |
|-------------------------------------|-----------|-------------------------------------|-----------|
| • Ageing resistance (UV)            | good      | • Static shear resistance at 23°C   | very good |
| • Humidity resistance               | good      | • Static shear resistance at 40°C   | very good |
| • Removability after 14 days (23°C) | very good | • Temperature resistance long term  | 60 °C     |
| • Residue-free removability         | yes       | • Temperature resistance short term | 90 °C     |
| • Solvent free                      | yes       |                                     |           |



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## Product Information

### Adhesion to Values

|                             |         |                         |         |
|-----------------------------|---------|-------------------------|---------|
| • Aluminium (initial)       | 10 N/cm | • PE (initial)          | 7 N/cm  |
| • Aluminium (after 14 days) | 10 N/cm | • PE (after 14 days)    | 7 N/cm  |
| • Magnesium (initial)       | 8 N/cm  | • Steel (initial)       | 13 N/cm |
| • Magnesium (after 14 days) | 8 N/cm  | • Steel (after 14 days) | 13 N/cm |

## Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=70615>