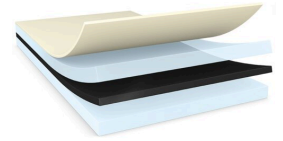




tesa[®] 68813

Product Information



80µm double sided mounting tape for low surface energy (LSE) substrates

Product Description

tesa[®] 68813 is a black, double sided self-adhesive tape, consisting of a black PET backing. The modified acrylic adhesive ensures a very high tack and high bonding strength on polar and non-polar substrates.

It is equipped with a tesa[®] branded white glassine paper PET liner. The double-sided tape is specifically designed to have excellent adhesive strength on low surface energy (LSE) and rough substrates. Additionally, it offers very good push-out, shock, and ageing resistance.

Product Features

- Thickness: 80µm
- Excellent bonding strength, even on LSE and rough substrates
- Excellent tack and fast activation
- Very good shock resistance
- High push-out resistance
- Black color for easy detection or design purposes

Application Fields

Example mounting applications include but are not limited to:

- Component mounting
- Speaker mesh mounting
- Battery mounting
- Lens mounting

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 | PET film | • Total thickness | 80 µm |
| • Type of adhesive | modified acrylic | • Color | black |
| • Type of liner | paper | | |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|------------------------------------|-----------|
| • Elongation at break | 50 % | • Humidity resistance | good |
| • Tensile strength | 30 N/cm | • Tack | very good |
| • Ageing resistance (UV) | very good | • Temperature resistance long term | 100 °C |

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Product Information

Adhesion to Values

• PC (initial)	11 N/cm	• PP (initial)	11 N/cm
• PC (after 14 days)	12.5 N/cm	• PP (after 14 days)	12 N/cm
• PE (initial)	6 N/cm	• Steel (initial)	12 N/cm
• PE (after 14 days)	8 N/cm	• Steel (after 14 days)	12.5 N/cm

Additional Information

PV40 (white glassine paper liner with red tesa logo)

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