

tesa® 68812

Product Information



50µm double sided mounting tape for low surface energy (LSE) substrates

Product Description

tesa® 68812 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 double 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

- 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	• Total thickness	50 µm
• Type of adhesive	tackified acrylic	• Color	black
• Type of liner	PET	• Color of liner	transparent

Properties/Performance Values

• Elongation at break	50 %	• Tack	very good
• Tensile strength	33 N/cm	• Temperature resistance long term	100 °C
• Ageing resistance (UV)	good	• Temperature resistance short term	200 °C
• Humidity resistance	good		



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Adhesion to Values

• PC (initial)	10.5 N/cm	• PE (after 14 days)	6 N/cm
• PC (after 14 days)	10.5 N/cm	• Steel (initial)	10.5 N/cm
• PE (initial)	6 N/cm	• Steel (after 14 days)	11 N/cm

Disclaimer

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