

Product Information

50µm double sided black quick bonding and residue free removable tape

tesa® 76105 is a double-sided reinforced black mounting tape with a special quick bonding and easy removable adhesive.

Special features:

- Thickness: 50µm
- High tack and quick bonding even on LSE substrates
- Temperature sensitive removing with very fast and residue free removability especially
- Outstanding shock resistance
- Good anti-repulsion properties to prevent lifting

*Light blocking

- Waterproofing (IPX8)

Main Application

- Permanent battery mounting or wrapping
- * Demanding mounting applications for components in electronic devices
- * Other mounting applications on LSE substrates

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Technical Data

• Backing material	PETP	• Type of adhesive	specialty
• Color	black	• Type of liner	PET
• Total thickness	50 µm	• Colour of liner	transparent

Adhesion to

• Steel (initial)	7.0 N/cm	• Steel (after 14 days)	7.0 N/cm
• Aluminium (initial)	5.0 N/cm	• Aluminium (after 14 days)	5.0 N/cm
• Glass (initial)	5.0 N/cm	• Glass (after 14 days)	5.0 N/cm
• PC (initial)	6.0 N/cm	• PC (after 14 days)	6.0 N/cm
• PE (initial)	5.0 N/cm	• PE (after 14 days)	5.0 N/cm

Properties

• Temperature resistance short term	90 °C	• Static shear resistance at 40°C	● ● ● ●
• Temperature resistance long term	60 °C	• Removability after 14 days (23°C)	● ● ● ●
• Static shear resistance at 23°C	● ● ● ●		

Evaluation across relevant tesa® assortment: ● ● ● ● very good ● ● ● good ● ● medium ● low

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Disclaimer

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