



tesa[®] 4785

Bond & Detach

Product Information

50 µm d/s High Shock Transfer Tape

Product Description

tesa[®] 4785 is a 50 µm single layer transfer mounting tape with a special high shock adhesive and doubled PET liner

Product Features

- Thickness: 50µm
- Outstanding shock resistance
- High bonding strength
- High tack and quick wetting on LSE substrates
- High push out resistance
- Very good die-cutability
- Residue free removability

Application Fields

- Mounting of components in electronic devices even on LSE substrates
- Battery 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 | none | • Total thickness | 50 µm |
| • Type of adhesive | specialty | • Color | translucent |
| • Bio-based (by weight) | 53 % | • Color of liner | transparent |
| • Type of liner | PET | • Thickness of liner | 50 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 |
| • Static shear resistance at 23°C | very good | • Temperature resistance short term | 90 °C |



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Adhesion to Values

• Aluminium (initial)	5.5 N/cm	• PET (initial)	5.5 N/cm
• Aluminium (after 14 days)	6 N/cm	• PET (after 14 days)	6 N/cm
• Magnesium (initial)	4.5 N/cm	• Steel (initial)	6.5 N/cm
• Magnesium (after 14 days)	5 N/cm	• Steel (after 14 days)	7 N/cm

Disclaimer

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