



tesa[®] 76950

Bond & Detach[®]

Product Information

500µm black single layer stretch release tape

Product Description

tesa[®] 76950 is a double-sided black stretch release tape, which can be removed easily and residue free.

Product Features

- Thickness: 500µm
- High initial bonding strength
- Very good bonding performance on LSE substrates
- Very good tensile strength
- Residue-free removal
- Light blocking

Application Fields

- A-cover mounting of notebook
- Lens mounting
- Permanent mounting of components in electronic devices with the option to remove the parts for repairing or recycling
- Temporary fixation of components

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 | 500 µm |
| • Type of adhesive | specialty | • Color | black |
| • Type of liner | glassine | | |

Properties/Performance Values

- | | | | |
|-------------------------------------|-----------|-------------------------------------|-----------|
| • Elongation at break | 520 % | • Static shear resistance at 23°C | very good |
| • Tensile strength | 26 N/cm | • Static shear resistance at 40°C | very good |
| • Humidity resistance | good | • Tack | 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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Adhesion to Values

• Aluminium (initial)	12 N/cm	• PE (initial)	13 N/cm
• Aluminium (after 14 days)	12 N/cm	• PE (after 14 days)	13 N/cm
• PC (initial)	20 N/cm	• Steel (initial)	17 N/cm
• PC (after 14 days)	20 N/cm	• Steel (after 14 days)	17 N/cm

Disclaimer

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