



tesa® 61140

Product Information

200µm black reworkable tape with different adhesion levels

Product Description

tesa® 61140 is a black, double sided self-adhesive tape consisting of a black PET backing coated with a reworkable adhesive on the open side, and permanent strong adhesive on the covered side.

Special features:

- Thickness: 200µm
- Covered side: Very high bonding strength
- Open side: Easy reworkability and leaves no residue on relevant substrates
- Superior handling and processing performance due to very strong PET backing
- Excellent resistance to demanding environmental conditions
- Black color

Product Features

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Application Fields

Mounting of components in electronic devices with the option to rework the bonding during the production process.

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 | • Color of liner | brown |
| • Type of adhesive | pure acrylic | • Thickness of liner | 71 µm |
| • Type of liner | glassine | | 2.8 mils |
| • Total thickness | 200 µm | • Type of adhesive (covered side) | tackified acrylic |
| | 7.9 mils | • Weight of liner | 80 g/m ² |
| • Color | black | | |



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Product Information

Properties/Performance Values

• Elongation at break	90 %	• Tack	good
• Tensile strength	73.3 N/cm 41.9 lbs/in	• Temperature resistance long term	80 °C 176 °F
• Static shear resistance at 23°C	medium	• Temperature resistance short term	120 °C 248 °F
• Static shear resistance at 40°C	medium		

Adhesion to Values

• Glass (initial)	8 N/cm 73.1 oz/in	• PMMA (initial)	9 N/cm 82.2 oz/in
• Glass (after 14 days)	10 N/cm 91.4 oz/in	• PMMA (after 14 days)	10 N/cm 91.4 oz/in
• Glass (covered side, after 14 days)	19 N/cm 173.6 oz/in	• PMMA (covered side, after 14 days)	20 N/cm 182.7 oz/in
• Glass (covered side, initial)	18 N/cm 164.5 oz/in	• PMMA (covered side, initial)	18 N/cm 164.5 oz/in
• PC (initial)	10 N/cm 91.4 oz/in	• Steel (initial)	8 N/cm 73.1 oz/in
• PC (after 14 days)	10 N/cm 91.4 oz/in	• Steel (after 14 days)	9 N/cm 82.2 oz/in
• PC (covered side, after 14 days)	19 N/cm 173.6 oz/in	• Steel (covered side, after 14 days)	18 N/cm 164.5 oz/in
• PC (covered side, initial)	18 N/cm 164.5 oz/in	• Steel (covered side, initial)	14 N/cm 127.9 oz/in

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