



tesa® 61140

Product Information

200µm double sided black differential filmic tape

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.

Black color

Product Features

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

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 | • Type of adhesive (covered side) | tackified acrylic |
| • Total thickness | 200 µm | • Weight of liner | 80 g/m ² |
| • Color | black | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|--------------|-------------------------------------|--------------|
| • Elongation at break | 90 % | • Tack | good, medium |
| • Tensile strength | 73.3 N/cm | • Temperature resistance long term | 80 °C |
| • Static shear resistance at 23°C | medium, good | • Temperature resistance short term | 120 °C |
| • Static shear resistance at 40°C | medium, good | | |



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Adhesion to Values

• Glass (initial)	8 N/cm	• PMMA (initial)	9 N/cm
• Glass (after 14 days)	10 N/cm	• PMMA (after 14 days)	10 N/cm
• Glass (covered side, after 14 days)	19 N/cm	• PMMA (covered side, after 14 days)	20 N/cm
• Glass (covered side, initial)	18 N/cm	• PMMA (covered side, initial)	18 N/cm
• PC (initial)	10 N/cm	• Steel (initial)	8 N/cm
• PC (after 14 days)	10 N/cm	• Steel (after 14 days)	9 N/cm
• PC (covered side, after 14 days)	19 N/cm	• Steel (covered side, after 14 days)	18 N/cm
• PC (covered side, initial)	18 N/cm	• Steel (covered side, initial)	14 N/cm

Disclaimer

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