



tesa® 62946

Product Information

300µm double sided black reinforced foam tape

Product Description

tesa® 62946 is a black double sided thin PE foam tape with a PET film reinforcement. The tape is equipped with a tackified acrylic adhesive.

tesa® 62946 features:

- Thickness: 300µm
- Very high bonding strength
- Highly conformable foam backing compensates design tolerances or uneven surfaces
- Excellent sealing function versus humidity and dust
- Dampening properties offer good shock absorption
- Easy converting and handling due to PET reinforcement
- Very good humidity resistance
- Black color for easy detection or design purposes

Application Fields

- Touch panel / lens mounting in mobile phones
- Speaker module mounting
- Front panel mounting in notebooks
- Mounting on uneven surfaces

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	PE foam	• Color	black
• Type of adhesive	tackified acrylic	• Color of liner	brown
• Type of liner	glassine	• Thickness of liner	71 µm
• Total thickness	300 µm	• Weight of liner	80 g/m ²

Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 23°C	good
• Tensile strength	23 N/cm	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	very good	• Tack	medium
• Humidity resistance	very good	• Temperature resistance long term	70 °C
• Softener resistance	medium	• Temperature resistance short term	80 °C

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Adhesion to Values

• ABS (initial)	6.7 N/cm	• PE (initial)	2.3 N/cm
• ABS (after 14 days)	9.4 N/cm	• PE (after 14 days)	2.7 N/cm
• Aluminium (initial)	5.3 N/cm	• PET (initial)	5.3 N/cm
• Aluminium (after 14 days)	10.9 N/cm	• PET (after 14 days)	7.7 N/cm
• Glass (initial)	7.3 N/cm	• PVC (initial)	6.7 N/cm
• Glass (after 14 days)	12 N/cm	• PVC (after 14 days)	13.7 N/cm
• PC (initial)	7.6 N/cm	• Steel (initial)	6.4 N/cm
• PC (after 14 days)	12.2 N/cm	• Steel (after 14 days)	13.2 N/cm

Additional Information

Peel adhesion data based on 90° test method.

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