

61646



product information

300µm d/s black standard PE foam tape

tesa® 61646 is a black double-sided tape consisting of a PE-foam backing equipped with a special modified acrylic adhesive.

tesa® 61646 features:

- Very good bonding strength
- Outstanding shock performance
- Good push-out resistance
- Waterproofness
- Good rework ability

Main Application

- Smart Phone: Lens mounting & 2.5D/3D back cover mounting
- Tablet & Touch laptop: Lens mounting & touch panel mounting
- 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.

Technical Data

• Backing material	PE foam	• Elongation at break	420 %
• Color	black	• Tensile strength	20 N/cm
• Total thickness	300 µm	• Type of liner - inside	PET
• Type of adhesive	tackified acrylic		

Adhesion to

• Steel (initial)	11.0 N/cm	• Steel (after 14 days)	13.5 N/cm
• ABS (initial)	10.5 N/cm	• ABS (after 14 days)	14.0 N/cm
• Glass (initial)	13.5 N/cm	• Glass (after 14 days)	14.0 N/cm
• PC (initial)	12.5 N/cm	• PC (after 14 days)	14.0 N/cm
• PMMA (initial)	14.0 N/cm	• PMMA (after 14 days)	15.0 N/cm

Properties

• Ageing resistance (UV)	●●●●	• Static shear resistance at 23°C	●●●●
• Humidity resistance	●●●●	• Static shear resistance at 40°C	●●●●

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

Liner: PV50 transparent PET-film (50µm)

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Disclaimer

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