



tesa® 61644

Product Information

200µm d/s black standard PE foam tape

Product Description

tesa® 61644 is a black double-sided tape consisting of a PE-foam backing equipped with a special modified acrylic adhesive.

Product Features

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

Application Fields

- Smart Phone: Lens mounting & touch panel 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.

Product Construction

- | | | | |
|-------------------------|--|--------------------------|--------------|
| • Backing material Grid | PE foam | • Color | black, beige |
| • Type of adhesive Grid | tackified acrylic, acrylic, advanced acrylic, modified acrylic | • Type of liner - inside | PET |
| • Total thickness | 200 µm | | |

Properties/Performance Values

- | | | | |
|--------------------------|--------------|-----------------------------------|--------------|
| • Elongation at break | 300 % | • Humidity resistance | good, medium |
| • Tensile strength | 12 N/cm | • Static shear resistance at 23°C | good, medium |
| • Ageing resistance (UV) | good, medium | • Static shear resistance at 40°C | good, medium |



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Adhesion to Values

• ABS (initial)	8.5 N/cm	• PC (after 14 days)	13 N/cm
• ABS (after 14 days)	12 N/cm	• PMMA (initial)	12.5 N/cm
• Glass (initial)	12 N/cm	• PMMA (after 14 days)	14.5 N/cm
• Glass (after 14 days)	13 N/cm	• Steel (initial)	10 N/cm
• PC (initial)	11.5 N/cm	• Steel (after 14 days)	12 N/cm

Additional Information

Liner: PV50 transparent PET-film (50µm)

Disclaimer

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