



tesa[®] 61646

Product Information

300µm double sided black standard PE foam tape

Product Description

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

Product Features

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

Application Fields

- 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.

Product Construction

- | | | | |
|--------------------|-------------------|--------------------------|-------|
| • Backing | PE foam | • Color | black |
| • Type of adhesive | tackified acrylic | • Type of liner - inside | PET |
| • Total thickness | 300 µm | | |

For latest information on this product please visit <http://l.tesa.com/?ip=61646>



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Product Information

Properties/Performance Values

- | | | | |
|--------------------------|---------|-----------------------------------|------|
| • Elongation at break | 420 % | • Humidity resistance | good |
| • Tensile strength | 20 N/cm | • Static shear resistance at 23°C | good |
| • Ageing resistance (UV) | good | • Static shear resistance at 40°C | good |

Adhesion to Values

- | | | | |
|-------------------------|-----------|-------------------------|-----------|
| • ABS (initial) | 10.5 N/cm | • PC (after 14 days) | 14 N/cm |
| • ABS (after 14 days) | 14 N/cm | • PMMA (initial) | 14 N/cm |
| • Glass (initial) | 13.5 N/cm | • PMMA (after 14 days) | 15 N/cm |
| • Glass (after 14 days) | 14 N/cm | • Steel (initial) | 11 N/cm |
| • PC (initial) | 12.5 N/cm | • Steel (after 14 days) | 13.5 N/cm |

Additional Information

Liner: PV50 transparent PET-film (50µm)

Disclaimer

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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