



tesa® 61370

Product Information

125µm d/s filmic high performance tape

Product Description

tesa® 61370 is a double sided self-adhesive tape consisting of a transparent PET backing and a tackified acrylic adhesive.

Special features:

- Thickness: 125µm
- Very high bonding strength
- Superior push out resistance
- High shock resistance
- Excellent resistance to demanding environmental conditions

Product Features

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- Very high bonding strength
- Superior push out resistance
- Excellent resistance to demanding environmental conditions
- High shock resistance

Application Fields

- Lens mounting in mobile phones
- Touch panel 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	PET film	• Color	transparent
• Type of adhesive	tackified acrylic	• Color of liner	white with tesa logo
• Type of liner	glassine	• Thickness of liner	71 µm
• Total thickness	125 µm 4.9 mils	• Weight of liner	2.8 mils 80 g/m ²



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Product Information

Properties/Performance Values

- | | | | |
|-----------------------------------|-------------|-------------------------------------|------------------|
| • Elongation at break | 50 % | • Static shear resistance at 40°C | good |
| • Tensile strength | 20 N/cm | • Tack | medium |
| | 11.4 lbs/in | • Temperature resistance long term | 100 °C
212 °F |
| • Ageing resistance (UV) | very good | • Temperature resistance short term | 200 °C
392 °F |
| • Humidity resistance | very good | | |
| • Static shear resistance at 23°C | good | | |

Adhesion to Values

- | | | | |
|-------------------------|-------------|-------------------------|-------------|
| • ABS (initial) | 8.7 N/cm | • PC (after 14 days) | 17.9 N/cm |
| | 79.5 oz/in | | 163.5 oz/in |
| • ABS (after 14 days) | 12.8 N/cm | • PMMA (initial) | 13 N/cm |
| | 116.9 oz/in | | 118.8 oz/in |
| • Glass (initial) | 12.8 N/cm | • PMMA (after 14 days) | 16.8 N/cm |
| | 116.9 oz/in | | 153.5 oz/in |
| • Glass (after 14 days) | 15.2 N/cm | • Steel (initial) | 13.9 N/cm |
| | 138.9 oz/in | | 127 oz/in |
| • PC (initial) | 11.2 N/cm | • Steel (after 14 days) | 16.7 N/cm |
| | 102.3 oz/in | | 152.6 oz/in |

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