



tesa® 66627

Product Information



350µm d/s high shear resistance and easy activation PE foam tape

Product Description

tesa® 66627 is a black double-sided tape consisting of a shock absorbing PE-foam backing equipped with a novel high shear resistance adhesive.

tesa® 66627 features:

- Excellent shear resistance and anti-lifting even under high temperature and high humidity
- Easy activation under limited pressure condition
- Superior push out strength by different substrates
- Outstanding shock performance
- Waterproofness
- Good rework ability and die cut ability

Product Features

- Excellent shear resistance and anti-lifting even under high temperature and high humidity
- Easy activation under limited pressure condition
- Superior push out strength by different substrates
- Outstanding shock performance
- Good rework ability and die cut ability
- Waterproofness

Application Fields

- Screen & touch panel mounting in electronics devices like smart phone, tablet, laptop and PC
- Display bottom mounting on smart phone of curved OLED
- Back cover mounting on smart phone and feature phone, especially mounting on uneven surface or curved design
- Mounting with waterproof purpose

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 | modified acrylic | • Color of liner | transparent |
| • Type of liner | PET | • Thickness of liner | 50 µm |
| • Total thickness | 350 µm | | |

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Product Information

Properties/Performance Values

- | | | | |
|--------------------------|---------|-----------------------------------|-----------|
| • Elongation at break | 340 % | • Humidity resistance | good |
| • Tensile strength | 20 N/cm | • Static shear resistance at 23°C | very good |
| • Ageing resistance (UV) | good | • Static shear resistance at 40°C | very good |

Adhesion to Values

- | | | | |
|-------------------------|-----------|-------------------------|-----------|
| • ABS (initial) | 11.5 N/cm | • PE (initial) | 7.5 N/cm |
| • ABS (after 14 days) | 13 N/cm | • PE (after 14 days) | 8 N/cm |
| • Glass (initial) | 12 N/cm | • PMMA (initial) | 12.5 N/cm |
| • Glass (after 14 days) | 12.8 N/cm | • PMMA (after 14 days) | 14.5 N/cm |
| • PC (initial) | 11.5 N/cm | • Steel (initial) | 11.5 N/cm |
| • PC (after 14 days) | 15.5 N/cm | • Steel (after 14 days) | 13.5 N/cm |

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