



# 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.

## 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           |                      |             |

## 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 |



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### 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

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=66627>