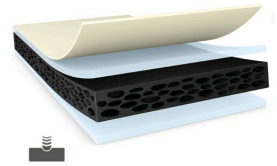


# tesa® 66827

## Product Information



350µm/13.78 mils d/s black high shock & anti-repulsion PE foam tape

## Product Description

tesa® 66827 is a black double-sided tape consisting of a shock absorbing PE-foam backing equipped with a novel shock & anti-repulsion adhesive.

tesa® 66827 features:

- Outstanding shock performance
- Anti-repulsion properties to prevent lifting issue
- Superior push-out resistance
- Waterproofness
- Good rework ability

## Application Fields

- Smart Phone & Feature Phone: Screen, back cover & touch panel mounting
- Tablet & Touch laptop: Screen, back cover & touch panel mounting
- Smart watch: Screen & touch panel mounting
- Smart TV: Screen & frame 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           | • Total thickness        | 350 µm |
| • Type of adhesive | tackified acrylic | • Color                  | black  |
| • Type of liner    | PET film          | • Type of liner - inside | PET    |

## Properties/Performance Values

- |                          |            |                                   |      |
|--------------------------|------------|-----------------------------------|------|
| • Elongation at break    | 325 %      | • Humidity resistance             | good |
| • Tensile strength       | 15.3 N/cm  | • Static shear resistance at 23°C | good |
|                          | 8.7 lbs/in | • Static shear resistance at 40°C | good |
| • Ageing resistance (UV) | good       |                                   |      |

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## Product Information

### Adhesion to Values

• ABS (initial)	10.8 N/cm 98.7 oz/in	• PC (after 14 days)	15.3 N/cm 139.8 oz/in
• ABS (after 14 days)	12.5 N/cm 114.2 oz/in	• PE (initial)	7.8 N/cm 71.3 oz/in
• Aluminium (initial)	9.6 N/cm 87.7 oz/in	• PE (after 14 days)	8.4 N/cm 76.7 oz/in
• Aluminium (after 14 days)	11.1 N/cm 101.4 oz/in	• PMMA (initial)	13.2 N/cm 120.6 oz/in
• Glass (initial)	13.2 N/cm 120.6 oz/in	• PMMA (after 14 days)	15.6 N/cm 142.5 oz/in
• Glass (after 14 days)	13.8 N/cm 126.1 oz/in	• Steel (initial)	12.2 N/cm 111.5 oz/in
• PC (initial)	12.5 N/cm 114.2 oz/in	• Steel (after 14 days)	13.4 N/cm 122.4 oz/in

### Additional Information

Liner: PV07 transparent PET-film (50µm/1.97 mils; 72g/m2)

### 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.



For latest information on this product please visit <http://l.tesa.com/?ip=66827>