

# tesa® 66825

## Product Information



250µm d/s black high shock & anti-repulsion PE foam tape

## Product Description

tesa® 66825 is a black double-sided tape consisting of a shock absorbing PE-foam backing equipped with a novel shock & anti-repulsion adhesive.

## Product Features

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

## Application Fields

- Smart Phone & Feature Phone: Lens mounting & touch panel mounting
- Tablet & Touch laptop: Lens mounting & touch panel mounting
- Smart watch: Lens mounting & touch panel mounting
- Smart TV: Lens mounting & 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        | 250 µm |
| • Type of adhesive | tackified acrylic | • Color                  | black  |
| • Type of liner    | PET film          | • Type of liner - inside | PET    |

## Properties/Performance Values

- |                          |           |                                   |      |
|--------------------------|-----------|-----------------------------------|------|
| • Elongation at break    | 220 %     | • Humidity resistance             | good |
| • Tensile strength       | 10.7 N/cm | • Static shear resistance at 23°C | good |
| • Ageing resistance (UV) | good      | • Static shear resistance at 40°C | good |

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### Adhesion to Values

|                             |           |                         |           |
|-----------------------------|-----------|-------------------------|-----------|
| • ABS (initial)             | 9 N/cm    | • PC (after 14 days)    | 15.4 N/cm |
| • ABS (after 14 days)       | 11 N/cm   | • PE (initial)          | 5.5 N/cm  |
| • Aluminium (initial)       | 8.8 N/cm  | • PE (after 14 days)    | 6.2 N/cm  |
| • Aluminium (after 14 days) | 12 N/cm   | • PMMA (initial)        | 12.8 N/cm |
| • Glass (initial)           | 12.8 N/cm | • PMMA (after 14 days)  | 16.3 N/cm |
| • Glass (after 14 days)     | 13.6 N/cm | • Steel (initial)       | 11.8 N/cm |
| • PC (initial)              | 12.3 N/cm | • Steel (after 14 days) | 14.3 N/cm |

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=66825>