



# tesa® 66186

## Product Information



300µm d/s conformable PE foam tape with superior shear resistance

### Product Description

tesa® 66186 is a black double-sided tape consisting of a soft PE foam backing and shear resistance adhesive on both sides.

### Product Features

- Excellent gap closing performance on uneven and rough surface
- Superior shear resistance
- Strong bonding performance under harsh environments
- Outstanding push-out resistance
- Excellent waterproof performance

### Application Fields

- Back cover mounting on smart phone and feature phone, especially mounting on uneven surface or curved design.
- Screen & touch panel mounting in electronics devices like smart phone, tablet, laptop.
- Display bottom mounting on smart phone of curved OLED.
- 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           | • Total thickness    | 300 µm |
| • Type of adhesive | tackified acrylic | • Color              | black  |
| • Type of liner    | PET film          | • Thickness of liner | 50 µm  |

### Properties/Performance Values

- |                                   |           |                                   |           |
|-----------------------------------|-----------|-----------------------------------|-----------|
| • Static shear resistance at 23°C | very good | • Static shear resistance at 40°C | very good |
|-----------------------------------|-----------|-----------------------------------|-----------|

### Adhesion to Values

- |                         |         |                        |           |
|-------------------------|---------|------------------------|-----------|
| • Glass (initial)       | 13 N/cm | • PC (after 3 days)    | 14 N/cm   |
| • Glass (after 14 days) | 16 N/cm | • Steel (initial)      | 11 N/cm   |
| • PC (initial)          | 11 N/cm | • Steel (after 3 days) | 13.5 N/cm |



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## Product Information

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=66186>