



# tesa® 61785

## Product Information

150µm black d/s filmic high performance tape

### Product Description

tesa® 61785 is a double-sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive.

Special features:

- Thickness: 150µm
- High bonding strength
- High push out resistance
- Superior shock resistance
- Excellent resistance to demanding environmental conditions
- Black colour

### Application Fields

- Lens mounting in mobile phones
- Touch panel 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          | PET film          | • Total thickness | 150 µm               |
| • Type of adhesive | tackified acrylic |                   | 5.9 mils             |
| • Type of liner    | glassine          | • Color           | black                |
|                    |                   | • Color of liner  | white with tesa logo |

### Properties/Performance Values

- |                                   |             |                                     |                  |
|-----------------------------------|-------------|-------------------------------------|------------------|
| • Elongation at break             | 50 %        | • Static shear resistance at 40°C   | good             |
| • Tensile strength                | 20 N/cm     | • Tack                              | medium           |
|                                   | 11.4 lbs/in | • Temperature resistance long term  | 100 °C<br>212 °F |
| • Humidity resistance             | very good   | • Temperature resistance short term | 200 °C<br>392 °F |
| • Softener resistance             | good        |                                     |                  |
| • Static shear resistance at 23°C | good        |                                     |                  |



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## Product Information

### Adhesion to Values

• Glass (initial)	13 N/cm 118.8 oz/in	• PC (after 14 days)	15 N/cm 137 oz/in
• Glass (after 14 days)	13.4 N/cm 122.4 oz/in	• Steel (initial)	12.2 N/cm 111.5 oz/in
• PC (initial)	12.6 N/cm 115.1 oz/in	• Steel (after 14 days)	12.7 N/cm 116 oz/in

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=61785>