



# tesa<sup>®</sup> 61785

## Product Information

150µm double sided black high performance filmic tape

### Product Description

tesa<sup>®</sup> 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

### Product Features

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- High bonding strength
- High push out resistance
- Superior shock resistance
- Excellent resistance to demanding environmental conditions

### 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          | • Color              | black                |
| • Type of adhesive | tackified acrylic | • Color of liner     | white with tesa logo |
| • Type of liner    | glassine          | • Thickness of liner | 71 µm                |
| • Total thickness  | 150 µm            |                      |                      |



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## Product Information

### Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 40°C	good
• Tensile strength	20 N/cm	• Tack	medium
• Humidity resistance	very good	• Temperature resistance long term	100 °C
• Softener resistance	good	• Temperature resistance short term	200 °C
• Static shear resistance at 23°C	good		

### Adhesion to Values

• ABS (initial)	10.9 N/cm	• PC (after 14 days)	15 N/cm
• ABS (after 14 days)	12.8 N/cm	• PE (initial)	6.9 N/cm
• Aluminium (initial)	10.2 N/cm	• PE (after 14 days)	7 N/cm
• Aluminium (after 14 days)	10.9 N/cm	• PMMA (initial)	13.9 N/cm
• Glass (initial)	13.1 N/cm	• PMMA (after 14 days)	14.4 N/cm
• Glass (after 14 days)	13.4 N/cm	• Steel (initial)	11.3 N/cm
• PC (initial)	12.8 N/cm	• Steel (after 14 days)	12.7 N/cm

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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=61785>