



# tesa<sup>®</sup> 61765

## Product Information

100µm double sided black high performance filmic tape

### Product Description

tesa<sup>®</sup> 61765 is a double sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive. Black colour

### Product Features

- Thickness: 100µm
- 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  | 100 µm            |                      |                      |

### 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      |                                     |        |



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## Product Information

### Adhesion to Values

• ABS (initial)	9.2 N/cm	• PC (after 14 days)	12.6 N/cm
• ABS (after 14 days)	11 N/cm	• PE (initial)	5.3 N/cm
• Aluminium (initial)	8.5 N/cm	• PE (after 14 days)	5.4 N/cm
• Aluminium (after 14 days)	8.6 N/cm	• PMMA (initial)	11.3 N/cm
• Glass (initial)	11.2 N/cm	• PMMA (after 14 days)	12.1 N/cm
• Glass (after 14 days)	11.7 N/cm	• Steel (initial)	9.7 N/cm
• PC (initial)	11.5 N/cm	• Steel (after 14 days)	9.8 N/cm

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=61765>