



# tesa® 61775

## Product Information

125µm double sided black high performance filmic tape

### Product Description

tesa® 61775 is a double sided self-adhesive tape consisting of a black PET backing and a tackified acrylic adhesive.

Black colour

### Product Features

- Thickness: 125µm
- High bonding strength
- High push out resistance
- Excellent resistance to demanding environmental conditions
- Superior shock resistance

### 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  | 125 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)             | 9.7 N/cm  | • PC (after 14 days)    | 14.1 N/cm |
| • ABS (after 14 days)       | 12.2 N/cm | • PE (initial)          | 5.2 N/cm  |
| • Aluminium (initial)       | 8.8 N/cm  | • PE (after 14 days)    | 5.4 N/cm  |
| • Aluminium (after 14 days) | 9.9 N/cm  | • PMMA (initial)        | 12.2 N/cm |
| • Glass (initial)           | 11.6 N/cm | • PMMA (after 14 days)  | 13.6 N/cm |
| • Glass (after 14 days)     | 12.2 N/cm | • Steel (initial)       | 11 N/cm   |
| • PC (initial)              | 12.2 N/cm | • Steel (after 14 days) | 11.8 N/cm |

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=61775>