

## tesa® 61785

### 150µm double sided black high performance filmic tape

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

#### Main Application

- Lens mounting in mobile phones
- Touch panel mounting

#### Technical Data

|                       |                   |                      |                      |
|-----------------------|-------------------|----------------------|----------------------|
| ▪ Backing material    | PET film          | ▪ Tensile strength   | 20 N/cm              |
| ▪ Colour              | black             | ▪ Type of liner      | glassine             |
| ▪ Total thickness     | 150 µm            | ▪ Colour of liner    | white with tesa logo |
| ▪ Type of adhesive    | tackified acrylic | ▪ Thickness of liner | 71 µm                |
| ▪ Elongation at break | 50 %              |                      |                      |

#### Adhesion to

|                       |           |                             |           |
|-----------------------|-----------|-----------------------------|-----------|
| ▪ Steel (initial)     | 11.3 N/cm | ▪ Steel (after 14 days)     | 12.7 N/cm |
| ▪ ABS (initial)       | 10.9 N/cm | ▪ ABS (after 14 days)       | 12.8 N/cm |
| ▪ Aluminium (initial) | 10.2 N/cm | ▪ Aluminium (after 14 days) | 10.9 N/cm |
| ▪ Glass (initial)     | 13.1 N/cm | ▪ Glass (after 14 days)     | 13.4 N/cm |
| ▪ PC (initial)        | 12.8 N/cm | ▪ PC (after 14 days)        | 15.0 N/cm |
| ▪ PE (initial)        | 6.9 N/cm  | ▪ PE (after 14 days)        | 7.0 N/cm  |
| ▪ PMMA (initial)      | 13.9 N/cm | ▪ PMMA (after 14 days)      | 14.4 N/cm |

#### Properties

|                                     |        |                                   |      |
|-------------------------------------|--------|-----------------------------------|------|
| ▪ Temperature resistance short term | 200 °C | ▪ Softener resistance             | ●●●● |
| ▪ Temperature resistance long term  | 100 °C | ▪ Static shear resistance at 23°C | ●●●● |
| ▪ Tack                              | ●●     | ▪ Static shear resistance at 40°C | ●●●● |
| ▪ Humidity resistance               | ●●●●   |                                   |      |

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

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

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