

Product Information

150µm black d/s filmic high performance 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 Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Technical Data

| | | | |
|-----------------------|--------------------|----------------------|-------------------------|
| • Backing material | PET film | • Tensile strength | 20 N/cm |
| • Color | black | • Type of liner | 11.4 lbs/in glassine |
| • Total thickness | 150 µm 5.9 mils | • Color of liner | white with tesa logo |
| • Type of adhesive | tackified acrylic | • Thickness of liner | 71 µm 2.8 mils |
| • Elongation at break | 50 % | | |

Adhesion to

| | | | |
|-----------------------|--------------------------|-----------------------------|--------------------------|
| • Steel (initial) | 11.3 N/cm 103.2 oz/in | • Steel (after 14 days) | 12.7 N/cm 116 oz/in |
| • ABS (initial) | 10.9 N/cm 99.6 oz/in | • ABS (after 14 days) | 12.8 N/cm 116.9 oz/in |
| • Aluminium (initial) | 10.2 N/cm 93.2 oz/in | • Aluminium (after 14 days) | 10.9 N/cm 99.6 oz/in |
| • Glass (initial) | 13.1 N/cm 119.7 oz/in | • Glass (after 14 days) | 13.4 N/cm 122.4 oz/in |
| • PC (initial) | 12.8 N/cm 116.9 oz/in | • PC (after 14 days) | 15.0 N/cm 137 oz/in |
| • PE (initial) | 6.9 N/cm 63 oz/in | • PE (after 14 days) | 7.0 N/cm 64 oz/in |
| • PMMA (initial) | 13.9 N/cm 127 oz/in | • PMMA (after 14 days) | 14.4 N/cm 131.6 oz/in |

tesa® 61785



Product Information

Properties

- | | | | |
|-------------------------------------|------------------|-----------------------------------|-----|
| • Temperature resistance short term | 200 °C 392 °F | • Softener resistance | ●●● |
| • Temperature resistance long term | 100 °C 212 °F | • 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

Disclaimer

tesa® 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® 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>