

tesa® 61775

125µm double sided black high performance filmic tape

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

Special features:

- Thickness: 125µm
- 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 |
| ▪ Color | black | ▪ Type of liner | glassine |
| ▪ Total thickness | 125 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) | 11.0 N/cm | ▪ Steel (after 14 days) | 11.8 N/cm |
| ▪ ABS (initial) | 9.7 N/cm | ▪ ABS (after 14 days) | 12.2 N/cm |
| ▪ Aluminium (initial) | 8.8 N/cm | ▪ Aluminium (after 14 days) | 9.9 N/cm |
| ▪ Glass (initial) | 11.6 N/cm | ▪ Glass (after 14 days) | 12.2 N/cm |
| ▪ PC (initial) | 12.2 N/cm | ▪ PC (after 14 days) | 14.1 N/cm |
| ▪ PE (initial) | 5.2 N/cm | ▪ PE (after 14 days) | 5.4 N/cm |
| ▪ PMMA (initial) | 12.2 N/cm | ▪ PMMA (after 14 days) | 13.6 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=61775>

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