



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.

Special features:

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

Product Features

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- 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 | | |



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Product Information

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 | | |

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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