



# tesa<sup>®</sup> 75645

## Product Information



450µm d/s black flexible acrylic foam tape

## Product Description

tesa<sup>®</sup> 75645 is a double-sided black tape consisting of a high shock absorbing black acrylic foam.

## Product Features

- Thickness: 450µm
- Very high shock performance
- Very high thermal and cold shock resistance
- Very high bonding strength for wide temperature range
- Good anti-repulsion properties to prevent lifting
- Waterproofing
- Light blocking

## Application Fields

- Demanding touch panel, lens or screen mounting applications with high requirements for impact resistance
- Mounting of Displays and flexible OLED Displays
- Mounting of ultra slim bezel or curved designs
- Mounting of waterproof designs

## 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          | Acrylic          | • Color              | black                |
| • Type of adhesive | modified acrylic | • Color of liner     | transparent          |
| • Type of liner    | PET              | • Thickness of liner | 75 µm                |
| • Total thickness  | 450 µm           | • Weight of liner    | 105 g/m <sup>2</sup> |

## Properties/Performance Values

- |                                    |           |                                     |         |
|------------------------------------|-----------|-------------------------------------|---------|
| • Ageing resistance (UV)           | very good | • Temperature resistance short term | 180 °C  |
| • Static shear resistance at 40°C  | very good | • Transmittance (380 - 780nm) <     | 0.001 % |
| • Temperature resistance long term | 90 °C     |                                     |         |



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### Adhesion to Values

• Aluminium (initial)	11 N/cm	• PC (initial)	15 N/cm
• Aluminium (after 3 days)	18 N/cm	• Steel (initial)	18 N/cm
• Glass (initial)	19 N/cm	• Steel (after 3 days)	22 N/cm
• Glass (after 3 days)	20.5 N/cm		

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=75645>