



tesa® 75405

Product Information



50µm d/s black flexible acrylic foam tape

Product Description

tesa® 75405 is a double-sided black tape consisting of a high shock absorbing black acrylic foam.

Product Features

- Thickness: 50µm
- Very high shock performance
- Very high thermal shock resistance
- Very high bonding strength
- Anti-repulsion properties to prevent lifting
- Waterproofing
- Light blocking in x/y direction

Application Fields

- Demanding mounting applications with high requirements for impact resistance
- Mounting of components
- Mounting with ultra slim die-cut 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 | 50 µm |
| • Total thickness | 50 µm | • Weight of liner | 72 g/m ² |

Product Assortment

- Available thicknesses 50µm, 100µm, 150µm

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|--------|
| • Ageing resistance (UV) | very good | • Temperature resistance long term | 90 °C |
| • Static shear resistance at 23°C | good | • Temperature resistance short term | 140 °C |
| • Static shear resistance at 40°C | good | • Transmittance (380 - 780nm) < | 5 % |

For latest information on this product please visit <http://l.tesa.com/?ip=75405>



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Adhesion to Values

• Aluminium (initial)	5.5 N/cm	• PC (initial)	7.5 N/cm
• Aluminium (after 3 days)	7.2 N/cm	• PC (after 3 days)	8.5 N/cm
• Glass (initial)	8.5 N/cm	• Steel (initial)	9.1 N/cm
• Glass (after 3 days)	8.8 N/cm	• Steel (after 3 days)	10.3 N/cm

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