



# tesa<sup>®</sup> 75725

## Product Information

250µm d/s black reinforced acrylic foam tape

### Product Description

tesa<sup>®</sup> 75725 is a double-sided black tape with PET backing. It is equipped with a novel foamed shock absorbing adhesive.

### Product Features

- Thickness: 250µm
- Very high shock performance
- Very high thermal shock resistance
- Very high bonding strength even on low surface energy materials
- Good anti-repulsion properties to prevent lifting
- Good reworkability and die-cut ability
- Waterproofing

### Application Fields

- Demanding touch panel, lens or screen and rear cover mounting applications with high requirements for impact resistance
- Mounting of displays
- Mounting of 3D curved or ultra slim bezel 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          | PETP             | • Color              | black               |
| • Type of adhesive | modified acrylic | • Color of liner     | transparent         |
| • Type of liner    | PET              | • Thickness of liner | 50 µm               |
| • Total thickness  | 250 µm           | • Weight of liner    | 72 g/m <sup>2</sup> |

### Product Assortment

- Available thicknesses 100µm, 150µm, 200µm, 250µm, 300µm, 350µm



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### Properties/Performance Values

- |                                   |           |                                     |        |
|-----------------------------------|-----------|-------------------------------------|--------|
| • Elongation at break             | 100 %     | • Static shear resistance at 40°C   | good   |
| • Ageing resistance (UV)          | very good | • Temperature resistance long term  | 80 °C  |
| • Static shear resistance at 23°C | good      | • Temperature resistance short term | 130 °C |

### Adhesion to Values

- |                        |           |                        |          |
|------------------------|-----------|------------------------|----------|
| • Glass (initial)      | 12.5 N/cm | • PE (initial)         | 7.5 N/cm |
| • Glass (after 3 days) | 13 N/cm   | • PE (after 3 days)    | 8.5 N/cm |
| • PC (initial)         | 12 N/cm   | • Steel (initial)      | 14 N/cm  |
| • PC (after 3 days)    | 13.5 N/cm | • Steel (after 3 days) | 15 N/cm  |

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=75725>