



# tesa® 61644

## Product Information

200µm d/s black standard PE foam tape

### Product Description

tesa® 61644 is a black double-sided tape consisting of a PE-foam backing equipped with a special modified acrylic adhesive.

### Product Features

- Very good bonding strength
- Outstanding shock performance
- Good push-out resistance
- Waterproofness
- Good rework ability

### Application Fields

- Smart Phone: Lens mounting & touch panel mounting
- Tablet & Touch laptop: Lens mounting & touch panel mounting
- Battery 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          | PE foam           | • Color                  | black |
| • Type of adhesive | tackified acrylic | • Type of liner - inside | PET   |
| • Total thickness  | 200 µm            |                          |       |

### Properties/Performance Values

- |                          |         |                                   |      |
|--------------------------|---------|-----------------------------------|------|
| • Elongation at break    | 300 %   | • Humidity resistance             | good |
| • Tensile strength       | 12 N/cm | • Static shear resistance at 23°C | good |
| • Ageing resistance (UV) | good    | • Static shear resistance at 40°C | good |

### Adhesion to Values

- |                         |           |                         |           |
|-------------------------|-----------|-------------------------|-----------|
| • ABS (initial)         | 8.5 N/cm  | • PC (after 14 days)    | 13 N/cm   |
| • ABS (after 14 days)   | 12 N/cm   | • PMMA (initial)        | 12.5 N/cm |
| • Glass (initial)       | 12 N/cm   | • PMMA (after 14 days)  | 14.5 N/cm |
| • Glass (after 14 days) | 13 N/cm   | • Steel (initial)       | 10 N/cm   |
| • PC (initial)          | 11.5 N/cm | • Steel (after 14 days) | 12 N/cm   |

For latest information on this product please visit <http://l.tesa.com/?ip=61644>



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### Additional Information

Liner: PV50 transparent PET-film (50µm)

### Disclaimer

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