



# tesa<sup>®</sup> 7946

## Product Information

### Single-Sided Cell Fixation Tape

#### Product Description

tesa<sup>®</sup> 7946 is a transparent tape with a PET backing.

#### Product Features

- Its pure acrylic adhesive system combines good initial tack with high shear strength.
- The product features good insulating properties and can be efficiently applied in manual as well as automated process.

#### Application Fields

tesa<sup>®</sup> 7946 is particularly designed for

- Temporary fixation of cells in photovoltaic modules during lamination process
- Fixation and insulation of solar ribbons in thin film modules

#### 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

- |                    |              |         |             |
|--------------------|--------------|---------|-------------|
| • Type of adhesive | pure acrylic | • Color | transparent |
| • Total thickness  | 56 µm        |         |             |

#### Properties/Performance Values

- |                       |      |                                     |        |
|-----------------------|------|-------------------------------------|--------|
| • Elongation at break | 55 % | • Temperature resistance short term | 200 °C |
|-----------------------|------|-------------------------------------|--------|

#### Adhesion to Values

- |         |          |
|---------|----------|
| • Steel | 3.5 N/cm |
|---------|----------|

#### Additional Information

- Dielectric Strength: 154 kV/mm
- Surface resistivity 1,73E+15 Ω
- Volume resistivity 2,37E+15 Ωcm
- Dielectric strength according to ASTM-D-1000
- Surface / Volume resistivity according to ASTM-D-257



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### Disclaimer

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