

# tesa<sup>®</sup> 4646

## Product Information



## Greenhouse Repairing Tape

### Product Description

The single-sided tape is designed with a transparent, UV-stabilized polyethylene film and coated with a transparent pressure sensitive adhesive based on an acrylic polymer.

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### Product Features

- Efficient application with a high initial bonding on greenhouse film
- Durable and protective
- Excellent weather & UV resistance for at least 12 months

### Application Fields

- Repairing of damaged greenhouse films
- Nearly invisible, transparent tape for permanent use
- Designed for outdoor applications

### 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 material | PE film | • Total thickness   | 180 µm |
| • Type of adhesive | acrylic | • Thickness of tape | 180 µm |

### Properties/Performance Values

- |                       |           |                               |           |
|-----------------------|-----------|-------------------------------|-----------|
| • Elongation at break | 1000 %    | • Operation temperature up to | 60 °C     |
| • Tensile strength    | 45 N/cm   | • Tack                        | good      |
| • Abrasion resistance | good      | • UV resistance               | 52 weeks  |
| • Humidity resistance | very good | • Water resistance            | very good |

### Adhesion to Values

- |                |          |         |          |
|----------------|----------|---------|----------|
| • PE (initial) | 2.1 N/cm | • Steel | 4.4 N/cm |
|----------------|----------|---------|----------|

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