



tesa[®] 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.

Product features:

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

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 | | 7.1 mils |

Properties/Performance Values

- | | | | |
|-----------------------|-------------|-------------------------------|-----------|
| • Abrasion resistance | good | • Humidity resistance | very good |
| • UV resistance | 52 week/s | • Operation temperature up to | 60 °C |
| • Elongation at break | 1000 % | | 140 °F |
| • Tensile strength | 45 N/cm | • Tack | good |
| | 25.7 lbs/in | • Water resistance | very good |

Adhesion to Values

- | | | | |
|----------------|------------|---------|------------|
| • PE (initial) | 2.1 N/cm | • Steel | 4.4 N/cm |
| | 19.2 oz/in | | 40.2 oz/in |



tesa[®] 4646

Product Information

Disclaimer

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

For latest information on this product please visit <http://l.tesa.com/?ip=04646>