

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

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- · Durable and protective
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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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