



tesa® 63612

Product Information



1200 µm double sided PE foam tape

Product Description

tesa® 63612 is a double sided PE foam tape for mounting applications.

Product Features

- High ultimate adhesion level for a reliable bonding performance
- Fully outdoor suitable: UV, water and ageing resistant
- Conformable PE foam core with high inner strength
- Suitable for automatic and manual module assembly
- Easy solar module assembly due to a high foam compression rate
- It consists of a highly conformable PE foam backing and a tackified acrylic adhesive.

Application Fields

- General mounting applications
- Mounting of trims and profiles
- Solar frame 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

- | | | | |
|--------------------|-------------------|-------------------|-------------|
| • Backing | PE foam | • Total thickness | 1200 µm |
| • Type of adhesive | tackified acrylic | • Color | black/white |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-------------------------------------|-------|
| • Elongation at break | 190 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 12 N/cm | • Static shear resistance at 40°C | good |
| • Ageing resistance (UV) | very good | • Tack | good |
| • Humidity resistance | very good | • Temperature resistance long term | 80 °C |
| • Softener resistance | medium | • Temperature resistance short term | 80 °C |



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Adhesion to Values

• ABS (initial)	8 N/cm	• PET (after 14 days)	12 N/cm
• ABS (after 14 days)	12 N/cm	• PP (initial)	0.9 N/cm
• Aluminium (initial)	8 N/cm	• PP (after 14 days)	1.5 N/cm
• Aluminium (after 14 days)	12 N/cm	• PS (initial)	8 N/cm
• PC (initial)	8 N/cm	• PS (after 14 days)	12 N/cm
• PC (after 14 days)	12 N/cm	• PVC (initial)	6 N/cm
• PE (initial)	0.9 N/cm	• PVC (after 14 days)	12 N/cm
• PE (after 14 days)	1.5 N/cm	• Steel (initial)	12 N/cm
• PET (initial)	8 N/cm	• Steel (after 14 days)	12 N/cm

Additional Information

Liner variants:

- PV20 brown glassine paper /blue tesa logo
- PV50 transparent PET film
- PV15 blue PE film

Peel Adhesion:

- immediately: foam splitting on steel
- after 14 days: foam splitting on steel, ABS, Aluminium, PC, PET, PS, PVC

Disclaimer

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