tesa® 62508

Product Information

800µm/31.5 mils double sided PE foam tape

Product Description

tesa® 62508 is a double sided PE foam tape for mounting applications. It consists of a highly conformable PE foam backing and a tackified acrylic adhesive.

Product benefits:

- 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

Product Features

- High ultimate adhesion level for a reliable bonding performance
- Fully outdoor suitable: UV, water and ageing resistant
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Application Fields

- Solar module frames
- Mounting of trims and profiles
- General mounting 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	PE foam	• Total thickness	800 µm 31.5 mils
• Type of adhesive	tackified acrylic	• Color	black/white

For latest information on this product please visit http://l.tesa.com/?ip=62508

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Product Information

Properties/Performance Values

- Elongation at break: 190 %
- Tensile strength: 9.5 N/cm; 5.4 lbs/in
- Ageing resistance (UV): very good
- Humidity resistance: very good
- Softener resistance: medium
- Static shear resistance at 23°C: good
- Static shear resistance at 40°C: good
- Tack: good
- Temperature resistance long term: 80 °C; 176 °F
- Temperature resistance short term: 80 °C; 176 °F

Adhesion to Values

- ABS (initial): 8 N/cm; 73.1 oz/in
- ABS (after 14 days): 13.5 N/cm; 123.3 oz/in
- Aluminium (initial): 8 N/cm; 73.1 oz/in
- Aluminium (after 14 days): 13.5 N/cm; 123.3 oz/in
- PC (initial): 8 N/cm; 73.1 oz/in
- PC (after 14 days): 13.5 N/cm; 123.3 oz/in
- PE (initial): 0.9 N/cm; 8.2 oz/in
- PE (after 14 days): 0.9 N/cm; 8.2 oz/in
- PET (initial): 6 N/cm; 54.8 oz/in
- PET (after 14 days): 13.5 N/cm; 123.3 oz/in
- PP (initial): 1.2 N/cm; 11 oz/in
- PP (covered side, after 14 days): 1.2 N/cm; 11 oz/in
- PVC (initial): 8 N/cm; 73.1 oz/in
- PVC (after 14 days): 13.5 N/cm; 123.3 oz/in
- Steel (initial): 13.5 N/cm; 123.3 oz/in
- Steel (after 14 days): 13.5 N/cm; 123.3 oz/in

Additional Information

Liner variants:

- PV0 brown glassine paper (71 µm/2.8 mils)
- PV13 transparent PET film (50 µm/2 mils)
- PV15 blue PE film (100 µm/3.9 mils)

Peel Adhesion:

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

tesa® 62508 is recognized by UL as photovoltaic polymeric material (QIHE2).

tesa® 62508 has been tested by TÜV Rheinland, Germany. The test confirms the longterm adhesion performance after IEC 61215 climate tests and a 85°C/185°F temperature resistance.

The temperature resistance (short/long) of tesa® 62508 has been approved according to tesa test method under static load.

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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.

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