



# tesa® 62508

## Product Information



### Double sided PE foam mounting 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
- 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

#### Applications

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.

#### Applications

- |                    |                   |                   |             |
|--------------------|-------------------|-------------------|-------------|
| • Backing          | PE foam           | • Total thickness | 800 µm      |
| • Type of adhesive | tackified acrylic | • Color           | black/white |



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### Properties/Performance Values

• Elongation at break	190 %	• Static shear resistance at 23°C	good
• Tensile strength	9.5 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

### Adhesion to Values

• ABS (initial)	8 N/cm	• PET (initial)	6 N/cm
• ABS (after 14 days)	13.5 N/cm	• PET (after 14 days)	13.5 N/cm
• Aluminium (initial)	8 N/cm	• PP (initial)	1.2 N/cm
• Aluminium (after 14 days)	13.5 N/cm	• PP (covered side, after 14 days)	1.2 N/cm
• PC (initial)	8 N/cm	• PVC (initial)	8 N/cm
• PC (after 14 days)	13.5 N/cm	• PVC (after 14 days)	13.5 N/cm
• PE (initial)	0.9 N/cm	• Steel (initial)	13.5 N/cm
• PE (after 14 days)	0.9 N/cm	• Steel (after 14 days)	13.5 N/cm

### Additional Information

Liner variants:

PV0 brown glassine paper (70µm)

PV13 transparent PET (50µm)

PV15 blue PE (100µm)

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 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.



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