

tesa® 62512

Double sided PE foam mounting tape

tesa® 62512 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

Main Application

General mounting applications
Mounting of trims and profiles
Solar frame modules

Technical Data

▪ Backing material	PE foam	▪ Type of adhesive	tackified acrylic
▪ Color	black/white	▪ Elongation at break	190 %
▪ Total thickness	1200 µm	▪ Tensile strength	11.5 N/cm

Adhesion to

▪ Steel (initial)	13.5 N/cm	▪ Steel (after 14 days)	13.5 N/cm
▪ ABS (initial)	8.0 N/cm	▪ ABS (after 14 days)	13.5 N/cm
▪ Aluminium (initial)	8.0 N/cm	▪ Aluminium (after 14 days)	13.5 N/cm
▪ PC (initial)	8.0 N/cm	▪ PC (after 14 days)	13.5 N/cm
▪ PE (initial)	0.9 N/cm	▪ PE (after 14 days)	0.9 N/cm
▪ PET (initial)	6.0 N/cm	▪ PET (after 14 days)	13.5 N/cm
▪ PP (initial)	1.2 N/cm	▪ PP (after 14 days)	1.2 N/cm
▪ PS (initial)	13.5 N/cm	▪ PS (after 14 days)	13.5 N/cm
▪ PVC (initial)	8.0 N/cm	▪ PVC (after 14 days)	13.5 N/cm

Properties

▪ Temperature resistance short term	80 °C	▪ Humidity resistance	●●●●
▪ Temperature resistance long term	80 °C	▪ Softener resistance	●●
▪ Tack	●●●	▪ Static shear resistance at 23°C	●●●
▪ Ageing resistance (UV)	●●●●	▪ Static shear resistance at 40°C	●●●

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

For latest information on this product please visit <http://l.tesa.com/?ip=62512>

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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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® 62512 is recognized by UL as photovoltaic polymeric material (QIHE2).

tesa® 62512 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® 62512 has been approved according to tesa test method under static load.

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