

tesa® 62516

Double sided PE foam mounting tape

tesa® 62516 is a double sided PE foam tape for lightweight mounting applications. It consists of a highly conformable PE foam backing and a tackified acrylic adhesive.

Product benefits:

- Thick foam backing with excellent gap filling properties
- High ultimate adhesion level for a reliable bonding performance
- Soft, conformable foam adapting to structured surfaces
- Fully outdoor suitable: UV, water and ageing resistant
- Suitable for manual and automatic application processes

Main Application

- Mounting of decorative trims and profiles
- Bumper rails on commercial freezers

Technical Data

▪ Backing material	PE foam	▪ Type of adhesive	tackified acrylic
▪ Color	black/white	▪ Elongation at break	180 %
▪ Total thickness	1600 µm 63 mils	▪ Tensile strength	12 N/cm 6.9 lbs/in

Adhesion to

▪ Steel (initial)	13.5 N/cm 123.3 oz/in	▪ Steel (after 14 days)	13.5 N/cm 123.3 oz/in
▪ ABS (initial)	4.0 N/cm 36.5 oz/in	▪ ABS (after 14 days)	13.5 N/cm 123.3 oz/in
▪ Aluminium (initial)	7.5 N/cm 68.5 oz/in	▪ aluminium (after 14 days)	13.5 N/cm 123.3 oz/in
▪ PC (initial)	7.5 N/cm 68.5 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)	1.2 N/cm 11 oz/in
▪ PET (initial)	5.0 N/cm 45.7 oz/in	▪ PET (after 14 days)	13.5 N/cm 123.3 oz/in
▪ PP (initial)	0.9 N/cm 8.2 oz/in	▪ PP (after 14 days)	1.2 N/cm 11 oz/in
▪ PVC (initial)	5.5 N/cm 50.2 oz/in	▪ PVC (after 14 days)	13.5 N/cm 123.3 oz/in

For latest information on this product please visit <http://l.tesa.com/?ip=62516>

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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Properties

▪ Temperature resistance short term	80 °C 176 °F	▪ Humidity resistance	● ● ● ●
▪ Temperature resistance long term	80 °C 176 °F	▪ Softener resistance	● ●
▪ Tack	● ● ●	▪ Static shear resistance at 73,4 °F	● ● ●
▪ Ageing resistance (UV)	● ● ● ●	▪ Static shear resistance at 104 °F	● ● ●

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

Additional Information

Liner variants:

PV0 brown glassine paper (70µm)

PV6 red filmic liner (80µm)

Peel Adhesion:

-immediate: foam splitting on Steel

-after 14 days: foam splitting on Steel, Aluminium, ABS, PC, PET, PVC

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