



tesa® 62516

Product Information



Double sided PE foam mounting tape

Product Description

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 Features

- 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

Application Fields

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

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 | 1600 µm |
| • Type of adhesive | tackified acrylic | • Color | black/white |

Properties/Performance Values

- | | | | |
|--------------------------|------------|-------------------------------------|--------|
| • Elongation at break | 180 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 12 N/cm | • Static shear resistance at 40°C | good |
| | 6.9 lbs/in | • Tack | good |
| • Ageing resistance (UV) | very good | • Temperature resistance long term | 80 °C |
| • Humidity resistance | very good | • Temperature resistance short term | 176 °F |
| • Softener resistance | medium | | 80 °C |
| | | | 176 °F |



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Adhesion to Values

• ABS (initial)	4 N/cm 36.5 oz/in	• PET (initial)	5 N/cm 45.7 oz/in
• ABS (after 14 days)	13.5 N/cm 123.3 oz/in	• PET (after 14 days)	13.5 N/cm 123.3 oz/in
• Aluminium (initial)	7.5 N/cm 68.5 oz/in	• PP (initial)	0.9 N/cm 8.2 oz/in
• Aluminium (after 14 days)	13.5 N/cm 123.3 oz/in	• PP (after 14 days)	1.2 N/cm 11 oz/in
• PC (initial)	7.5 N/cm 68.5 oz/in	• PVC (initial)	5.5 N/cm 50.2 oz/in
• PC (after 14 days)	13.5 N/cm 123.3 oz/in	• PVC (after 14 days)	13.5 N/cm 123.3 oz/in
• PE (initial)	0.9 N/cm 8.2 oz/in	• Steel (initial)	13.5 N/cm 123.3 oz/in
• PE (after 14 days)	1.2 N/cm 11 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)
- PV6 red transparent PP film (80 µm/3.1 mils)

Peel Adhesion:

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

Disclaimer

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