



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 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

Product Features

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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 |



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Product Information

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
• 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)	4 N/cm	• PET (initial)	5 N/cm
• ABS (after 14 days)	13.5 N/cm	• PET (after 14 days)	13.5 N/cm
• Aluminium (initial)	7.5 N/cm	• PP (initial)	0.9 N/cm
• Aluminium (after 14 days)	13.5 N/cm	• PP (after 14 days)	1.2 N/cm
• PC (initial)	7.5 N/cm	• PVC (initial)	5.5 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)	1.2 N/cm	• Steel (after 14 days)	13.5 N/cm

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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