



tesa® 62516

Product Information



Double sided PE foam 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
- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- 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 40°C | good |
| • Tensile strength | 12 N/cm | • Tack | good |
| • Ageing resistance (UV) | very good | • Temperature resistance long term | 80 °C |
| • Static shear resistance at 23°C | good | • Temperature resistance short term | 80 °C |



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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 (71 µm)
- PV6 red transparent PP film (80 µm)

Peel Adhesion:

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

Disclaimer

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