



tesa® 62505

Product Information



500 µm double sided PE foam tape

Product Description

tesa® 62505 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

- Thin foam backing for an invisible design gap
- 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

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 | 500 µm |
| • Type of adhesive | tackified acrylic | • Color | black/white |
| • Type of liner | glassine | | |

Properties/Performance Values

- | | | | |
|--------------------------|-----------|-------------------------------------|-------|
| • Elongation at break | 150 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 5 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 |



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Adhesion to Values

• ABS (initial)	3 N/cm	• PET (initial)	3 N/cm
• ABS (after 14 days)	9.5 N/cm	• PET (after 14 days)	9.5 N/cm
• Aluminium (initial)	5 N/cm	• PP (initial)	0.9 N/cm
• Aluminium (after 14 days)	9.5 N/cm	• PP (after 14 days)	1.2 N/cm
• PC (initial)	5 N/cm	• PVC (initial)	2 N/cm
• PC (after 14 days)	9.5 N/cm	• PVC (after 14 days)	9.5 N/cm
• PE (initial)	0.9 N/cm	• Steel (initial)	8.5 N/cm
• PE (after 14 days)	1.2 N/cm	• Steel (after 14 days)	9.5 N/cm

Additional Information

Liner variants:

- PV0 brown glassine paper (71 µm)
- PV6 red transparent PP film (80 µm)

Peel Adhesion:

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

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