



tesa® 63605

Product Information



500 µm double-sided PE foam tape

Product Description

tesa® 63605 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 trims and profiles
- General purpose mounting

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 | | |

Product Assortment

- | | |
|--------------------|--------------|
| • Available colors | black, white |
|--------------------|--------------|

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|-------|
| • Elongation at break | 190 % | • Static shear resistance at 40°C | good |
| • Tensile strength | 9 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)	7.5 N/cm	• PET (after 14 days)	12 N/cm
• ABS (after 14 days)	12 N/cm	• PP (initial)	0.8 N/cm
• Aluminium (initial)	7 N/cm	• PP (after 14 days)	1.1 N/cm
• Aluminium (after 14 days)	12 N/cm	• PS (initial)	8 N/cm
• PC (initial)	7.5 N/cm	• PS (after 14 days)	12 N/cm
• PC (after 14 days)	12 N/cm	• PVC (initial)	5 N/cm
• PE (initial)	0.8 N/cm	• PVC (after 14 days)	12 N/cm
• PE (after 14 days)	1.1 N/cm	• Steel (initial)	12 N/cm
• PET (initial)	7.5 N/cm	• Steel (after 14 days)	12 N/cm

Additional Information

Liner variants:

* PV20 brown glassine paper / blue tesa logo

Peel Adhesion:

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

Disclaimer

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