

## Product Information

500 µm double-sided PE foam tape

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 benefits:

- 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

## Main Application

- 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.

### Technical Data

• Backing material	PE foam	• Elongation at break	190 %
• Color	white	• Tensile strength	9 N/cm
• Total thickness	500 µm	• Type of liner	glassine
• Type of adhesive	tackified acrylic		

### Adhesion to

• Steel (initial)	12.0 N/cm	• Steel (after 14 days)	12.0 N/cm
• ABS (initial)	7.5 N/cm	• ABS (after 14 days)	12.0 N/cm
• Aluminium (initial)	7.0 N/cm	• Aluminium (after 14 days)	12.0 N/cm
• PC (initial)	7.5 N/cm	• PC (after 14 days)	12.0 N/cm
• PE (initial)	0.8 N/cm	• PE (after 14 days)	1.1 N/cm
• PET (initial)	7.5 N/cm	• PET (after 14 days)	12.0 N/cm
• PP (initial)	0.8 N/cm	• PP (after 14 days)	1.1 N/cm
• PS (initial)	8.0 N/cm	• PS (after 14 days)	12.0 N/cm
• PVC (initial)	5.0 N/cm	• PVC (after 14 days)	12.0 N/cm

### Properties

• Temperature resistance short term	80 °C	• Humidity resistance	●●●●
• Temperature resistance long term	80 °C	• Softener resistance	●●
• Tack	●●●	• Static shear resistance at 23°C	●●●
• Ageing resistance (UV)	●●●●	• Static shear resistance at 40°C	●●●

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

### Additional Information

Liner variants:

- PV20 brown glassine paper / blue tesa logo

For latest information on this product please visit  
<http://l.tesa.com/?ip=63605>

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### Additional Information

- PV50 transparent PET film
- PV15 blue PE film

### Peel Adhesion:

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

## Disclaimer

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For latest information on this product please visit  
<http://l.tesa.com/?ip=63605>