



# 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 23°C   | good  |
| • Tensile strength       | 9 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 |

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



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## Product Information

### 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

tesa<sup>®</sup> products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa<sup>®</sup> product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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