



# tesa® 62936

## Product Information



1600 µm double sided PE foam tape

## Product Description

tesa® 62936 is a double sided PE foam tape for constructive mounting applications. It consists of a highly conformable PE foam backing with a tackified acrylic adhesive.

## Product Features

- Versatile adhesive for high immediate adhesion on numerous substrates
- High ultimate adhesion level for a secure bonding performance
- Fully outdoor suitable: UV, water and ageing resistant
- Compensates for differing thermal expansion of dissimilar materials
- High immediate bonding strength even at low bonding pressure
- Very good cold shock absorption

## Application Fields

- Interior wall cladding panels
- Bumper rails on commercial freezers
- Injection moulded plastic parts
- Mirrors and coloured glass panels

## 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             | 175 %  | • Static shear resistance at 40°C   | good  |
| • Tensile strength                | 9 N/cm | • Tack                              | good  |
| • Ageing resistance (UV)          | good   | • Temperature resistance long term  | 80 °C |
| • Chemical Resistance             | good   | • Temperature resistance short term | 80 °C |
| • Static shear resistance at 23°C | good   |                                     |       |



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## Product Information

### Adhesion to Values

• ABS (initial)	17 N/cm	• PET (after 14 days)	19 N/cm
• ABS (after 14 days)	19 N/cm	• PP (initial)	3 N/cm
• Aluminium (initial)	15 N/cm	• PP (after 14 days)	7 N/cm
• Aluminium (after 14 days)	19 N/cm	• PS (initial)	19 N/cm
• PC (initial)	19 N/cm	• PS (after 14 days)	19 N/cm
• PC (after 14 days)	19 N/cm	• PVC (initial)	19 N/cm
• PE (initial)	2 N/cm	• PVC (after 14 days)	19 N/cm
• PE (after 14 days)	3 N/cm	• Steel (initial)	16 N/cm
• PET (initial)	15 N/cm	• Steel (after 14 days)	19 N/cm

### Additional Information

Liner variants:

- PV0 brown glassine paper (71 µm)
- PV10 red transparent PP film (120 µm)
- PV15 blue PE film (100 µm)

Peel Adhesion:

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

tesa<sup>®</sup> 62936 has been tested by TÜV Rheinland, Germany. The test confirms the longterm adhesion performance after IEC 61215 / 61646 climate tests and a 85°C temperature resistance. (TÜV report number 21209595).

### Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=62936>