



# tesa® 62936

## Product Information



### Double-sided PE foam mounting 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 benefits:

- Versatile adhesive for high immediate adhesion on numerous substrates
- High ultimate adhesion level for a secure bonding performance
- 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 absorbtion

#### 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 absorbtion

#### 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 material | PE foam           | • Total thickness | 1600 µm     |
| • Type of adhesive | tackified acrylic | • Colour          | black/white |



# tesa® 62936

## Product Information

### 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 duration  | 80 °C |
| • Chemical resistance             | good   | • Temperature resistance short term duration | 80 °C |
| • Static shear resistance at 23°C | good   |  |       |

### 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)

PV14 white PE-coated paper (120 µm)

PV10 red filmic liner (120 µm)

tesa® 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).

Peel Adhesion:

- immediate: foam splitting on PC, PS, PVC

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

### Disclaimer

tesa® 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® 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.

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