

tesa® 62936

Product Information



1600 µm/63 mils 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 | 63 mils
black/white |

Properties/Performance Values

- | | | | |
|--------------------------|------------|-----------------------------------|----------------|
| • Elongation at break | 175 % | • Static shear resistance at 23°C | good |
| • Tensile strength | 9 N/cm | • Static shear resistance at 40°C | good |
| | 5.1 lbs/in | • Tack | good |
| • Ageing resistance (UV) | good | • Temperature resistance long | 80 °C |
| • Chemical Resistance | good | | term
176 °F |
| • Humidity resistance | very good | • Temperature resistance short | 80 °C |
| • Softener resistance | good | | term
176 °F |



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Adhesion to Values

• ABS (initial)	17 N/cm 155.3 oz/in	• PET (after 14 days)	19 N/cm 173.6 oz/in
• ABS (after 14 days)	19 N/cm 173.6 oz/in	• PP (initial)	3 N/cm 27.4 oz/in
• Aluminium (initial)	15 N/cm 137 oz/in	• PP (after 14 days)	7 N/cm 64 oz/in
• Aluminium (after 14 days)	19 N/cm 173.6 oz/in	• PS (initial)	19 N/cm 173.6 oz/in
• PC (initial)	19 N/cm 173.6 oz/in	• PS (after 14 days)	19 N/cm 173.6 oz/in
• PC (after 14 days)	19 N/cm 173.6 oz/in	• PVC (initial)	19 N/cm 173.6 oz/in
• PE (initial)	2 N/cm 18.3 oz/in	• PVC (after 14 days)	19 N/cm 173.6 oz/in
• PE (after 14 days)	3 N/cm 27.4 oz/in	• Steel (initial)	16 N/cm 146.2 oz/in
• PET (initial)	15 N/cm 137 oz/in	• Steel (after 14 days)	19 N/cm 173.6 oz/in

Additional Information

Liner variants:

- PV0 brown glassine paper (71 µm/2.8 mils)
- PV10 red transparent PP film (120 µm/4.7 mils)
- PV15 blue PE film (100 µm/3.9 mils)

Peel Adhesion:

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

tesa® 62936 has been tested by TÜV Rheinland, Germany. The test confirms the long-term adhesion performance after IEC 61215 / 61646 climate tests and a 85°C/185°F temperature resistance. (TÜV report number 21209595).



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