

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
- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- 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 material | PE foam | • Total thickness | 1600 µm |
| • Type of adhesive | tackified acrylic | • Colour | 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 duration | 80 °C |
| • Chemical resistance | good | • Temperature resistance short term duration | 80 °C |
| • Static shear resistance at 23°C | good | | |

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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® 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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