

Product Information

1600 µm double sided PE foam tape

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
- 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

Main Application

- 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.

Technical Data

• Backing material	PE foam	• Type of adhesive	tackified acrylic
• Color	black/white	• Elongation at break	175 %
• Total thickness	1600 µm	• Tensile strength	9 N/cm

Adhesion to

• Steel (initial)	16.0 N/cm	• Steel (after 14 days)	19.0 N/cm
• ABS (initial)	17.0 N/cm	• ABS (after 14 days)	19.0 N/cm
• Aluminium (initial)	15.0 N/cm	• Aluminium (after 14 days)	19.0 N/cm
• PC (initial)	19.0 N/cm	• PC (after 14 days)	19.0 N/cm
• PE (initial)	2.0 N/cm	• PE (after 14 days)	3.0 N/cm
• PET (initial)	15.0 N/cm	• PET (after 14 days)	19.0 N/cm
• PP (initial)	3.0 N/cm	• PP (after 14 days)	7.0 N/cm
• PS (initial)	19.0 N/cm	• PS (after 14 days)	19.0 N/cm
• PVC (initial)	19.0 N/cm	• PVC (after 14 days)	19.0 N/cm

Properties

• Temperature resistance short term	80 °C	• Resistance to chemicals	●●●●
• Temperature resistance long term	80 °C	• Softener resistance	●●●●
• Tack	●●●●	• Static shear resistance at 23°C	●●●●
• Ageing resistance (UV)	●●●●	• Static shear resistance at 40°C	●●●●
• Humidity resistance	●●●●●		

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

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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