



tesa® 62934

Product Information



800µm/31.5 mils double sided PE foam tape

Product Description

tesa® 62934 is a double sided PE foam tape for constructive mounting applications. It consists of a highly conformable PE foam backing and 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 absorption

Application Fields

- Decorative aluminium cover screens on brown goods
- Doorhandles in kitchen furniture
- 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 | 800 µm |
| • Type of adhesive | tackified acrylic | | 31.5 mils |
| | | • Color | black/white |

Properties/Performance Values

- | | | | |
|-----------------------------------|------------|-------------------------------------|-----------------|
| • Elongation at break | 250 % | • Static shear resistance at 40°C | good |
| • Tensile strength | 8 N/cm | • Tack | good |
| | 4.6 lbs/in | • Temperature resistance long term | 80 °C
176 °F |
| • Ageing resistance (UV) | good | • Temperature resistance short term | 80 °C
176 °F |
| • Static shear resistance at 23°C | good | | |



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Adhesion to Values

• ABS (initial)	17 N/cm 155.3 oz/in	• PET (after 14 days)	17 N/cm 155.3 oz/in
• ABS (after 14 days)	17 N/cm 155.3 oz/in	• PP (initial)	2.8 N/cm 25.6 oz/in
• Aluminium (initial)	17 N/cm 155.3 oz/in	• PP (after 14 days)	5.5 N/cm 50.2 oz/in
• Aluminium (after 14 days)	17 N/cm 155.3 oz/in	• PS (initial)	15 N/cm 137 oz/in
• PC (initial)	15 N/cm 137 oz/in	• PS (after 14 days)	17 N/cm 155.3 oz/in
• PC (after 14 days)	17 N/cm 155.3 oz/in	• PVC (initial)	17 N/cm 155.3 oz/in
• PE (initial)	2.7 N/cm 24.7 oz/in	• PVC (after 14 days)	17 N/cm 155.3 oz/in
• PE (after 14 days)	2.8 N/cm 25.6 oz/in	• Steel (initial)	17 N/cm 155.3 oz/in
• PET (initial)	12.5 N/cm 114.2 oz/in	• Steel (after 14 days)	17 N/cm 155.3 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 Steel, Aluminium, ABS
- after 14 days: foam splitting on Steel, Aluminium, ABS, PC, PS, PET, PVC

tesa[®] 62934 has been tested by TÜV Rheinland, Germany. The test confirms the longterm adhesion performance after IEC 61215 / 61646 climate tests and a 85°C/185°F temperature resistance. (TÜV report number 21209595).



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