



tesa® 62934

Product Information



Double-sided PE-foam mounting tape

Product Description

tesa® 62934 is a double sided PE foam tape for constructive mounting applications. It consists of a highly conformable closed cell PE foam backing and a tackified acrylic adhesive. The foam tape features good adhesion on highly structured surfaces as well as a high tack and a short dwell time until reaching final adhesion. tesa® 62934 is able to withstand humidity, chemicals, softeners and UV light. tesa® 62934 is a highly versatile adhesive, offering excellent immediate adhesion on numerous substrates, even at low bonding pressures. The double sided foam tape is fully suitable for outdoor use, featuring water-, ageing- and UV-resistance. The acrylic foam offers very good cold shock absorption, is capable of levelling out different thermal expansions and offers excellent bonding strength. Due to the foam's conformability, tesa® 62934 has a strong hold even on irregular or rough substrates.

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

Applications

- tesa® 62934 is used for demanding long-term constructive applications, including:
- Window skirting trims
- Muntin bars
- Dust and moisture seals
- Decorative elements on doors
- tesa® 62934 is available with other liner variants

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Applications

• Backing	PE foam	• Total thickness	800 µm
• Type of adhesive	tackified acrylic	• Color	black/white



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Properties/Performance Values

• Elongation at break	250 %	• Static shear resistance at 23°C	good
• Tensile strength	8 N/cm	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	good	• Tack	good
• Humidity resistance	very good	• Temperature resistance long term	80 °C
• Softener resistance	medium	• Temperature resistance short term	80 °C

Adhesion to Values

• ABS (initial)	17 N/cm	• PET (after 14 days)	17 N/cm
• ABS (after 14 days)	17 N/cm	• PP (initial)	2.8 N/cm
• Aluminium (initial)	17 N/cm	• PP (after 14 days)	5.5 N/cm
• Aluminium (after 14 days)	17 N/cm	• PS (initial)	15 N/cm
• PC (initial)	15 N/cm	• PS (after 14 days)	17 N/cm
• PC (after 14 days)	17 N/cm	• PVC (initial)	17 N/cm
• PE (initial)	2.7 N/cm	• PVC (after 14 days)	17 N/cm
• PE (after 14 days)	2.8 N/cm	• Steel (initial)	17 N/cm
• PET (initial)	12.5 N/cm	• Steel (after 14 days)	17 N/cm

Additional Information

Liner variants:

PV0 brown glassine paper (71 µm)

PV14 white PE-coated paper (120 µm)

PV10 red MOPP (120 µm)

PV15 blue PE (100µm)

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 temperature resistance. (TÜV report number 21209595).

Peel Adhesion:

- immediate: foam splitting on Steel, Aluminium, ABS

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



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Disclaimer

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