

tesa® 62957

Cold Temperature Tape



Product Information

1000 µm double-sided PE foam tape

tesa® 62957 is a double sided PE foam tape. The tape is equipped with an acrylic adhesive.

tesa® 62957 was designed for customers operating under cold temperatures on construction sites or in unheated production environments. Normally, pressure-sensitive adhesive tapes are facing problems in cold environments due to an insufficient level of tack, which ultimately leads to a significantly lower bonding performance. Where other tape technologies fail, our tesa® 62957 shows an impressive performance on a variety of different substrates at very low temperatures (down to -10°C). These superior cold processible characteristics are a result of this product's unique adhesive formulation.

tesa® 62957 features:

- Excellent initial tack even at low temperatures
- Superior cold processible characteristics (down to -10°C)
- Fully outdoor suitable (UV, water and ageing resistant)

Main Application

- Mounting of reinforcement bars
- Mounting of window skirting trims
- Bonding of trims and profiles (plastic extrusions)
- Mounting of shelf edge labeling systems
- Mounting applications requiring sealing, gap filling, noise dampening and shock absorption characteristics

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	acrylic
• Colour	white	• Elongation at break	180 %
• Total thickness	1000 µm	• Tensile strength	10 N/cm

Adhesion to

• Steel (initial)	4.0 N/cm	• Steel (after 14 days)	13.5 N/cm
• Aluminium (initial)	4.0 N/cm	• Aluminium (after 14 days)	13.5 N/cm
• PVC (initial)	4.0 N/cm	• PVC (after 14 days)	13.5 N/cm

Properties

• Temperature resistance short term	80 °C	• Ageing resistance (UV)	●●●●
• Temperature resistance long term	60 °C	• Static shear resistance at 40°C	●●
• Tack	●●●●		

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

For latest information on this product please visit
<http://l.tesa.com/?ip=62957>

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Additional Information

Liner variants:

- PV14 white PE coated paper (122µm)
- PV15 blue PE film (100µm)

Certificates:

- tesa® 62957/58 is tested according to IFT MO-01/1 : 2007/1; Report No.: 15-002458-PR01. Category 4.3 Temperature Cycle Test. Category 4.4 UV and Humidity Resistance.

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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