



tesa[®] 62957 Cold Temperature Tape



Product Information

1000 µm double-sided PE foam tape

Product Description

tesa[®] 62957 / 62958 is a double sided PE foam tape. The tape is equipped with an acrylic adhesive. tesa[®] 62957 / 62958 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 / 62958 shows an impressive performance on a variety of different substrates at very low temperatures.

Product Features

- Excellent initial tack even at low temperatures
- Superior cold processible characteristics
- Fully outdoor suitable (UV, water and ageing resistant)
- These superior cold processible characteristics are a result of this product's unique adhesive formulation.

Application Fields

- 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.

Product Construction

- | | | | |
|--------------------|---------|-------------------|---------|
| • Backing | PE foam | • Total thickness | 1000 µm |
| • Type of adhesive | acrylic | • Color | white |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|-----------|
| • Elongation at break | 180 % | • Tack | very good |
| • Tensile strength | 10 N/cm | • Temperature resistance long term | 60 °C |
| • Ageing resistance (UV) | very good | • Temperature resistance short term | 80 °C |
| • Static shear resistance at 40°C | medium | | |

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



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Adhesion to Values

- | | | | |
|-----------------------------|-----------|-------------------------|-----------|
| • Aluminium (initial) | 4 N/cm | • PVC (after 14 days) | 13.5 N/cm |
| • Aluminium (after 14 days) | 13.5 N/cm | • Steel (initial) | 4 N/cm |
| • PVC (initial) | 4 N/cm | • Steel (after 14 days) | 13.5 N/cm |

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.

Instructions for use:

- Temperatures below 0°C can lead to frosted/iced surfaces. Bonding to such surfaces will not enable our product to be used in a safe and permanent way. Therefore, it's of high importance to reduce any surface contamination including ice and frost before bonding.

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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