

Temperature-Resistant Label Stock

product information

Printable, self-adhesive and tamper-evident

tesa® 6925 marking foil is especially recommended when high durability and superb resistance against the highest temperature are required.

The acrylic film is self-adhesive and printable with high contrast which leads to a high initial readability rate; even on high density barcodes. The dimensionally stable material is resistant against chemicals, abrasion, temperature, ageing and UV-light. The adhesive system consists of a resin modified acrylic suitable even for low energy surfaces.

This high performance product is used as a tamper-evident identification sealing label over the entire lifetime of a product and also as a data carrier system for intelligent in-process steering. A typical application is the marking of circuit boards. tesa® 6925 even resists brazing and cleaning processes.

Available in: white

Main Application

- Highly durable and resistant against chemicals, abrasion temperature and UV-light
- Very good adhesion on various substrates
- Tamper Evident: Not removable without destruction

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	acrylic	• Adhesive weight	25 g/m ²
• Tamper Evidence	Yes	• Type of liner	coated paper
• Peel off force from liner	2-6 cN/cm	• Weight of liner	65 g/m ²
• Thickness of tape	90 µm	• Shelf life time	24 months
• Type of adhesive	acrylic		

Adhesion to

- Steel > 1.8 N/cm

Properties

• Printability	●●●●	• Humidity resistance	●●●●
• Temperature resistance short term	270 °C	• Resistance to chemicals	●●●●
• Temperature resistance long term	120 °C	• Suitable Laser	Yb:YAG
• Ageing resistance (UV)	●●●●	• Storage conditions	23°C, 50% RH, stored in original box
• Frost resistance	-50 °C		

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

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Additional Information

Printability:

Sheet screen printing is recommended. Paint adherence and chemical resistance need to be evaluated on a case to case basis.

Thermal Transfer:

tesa® 6925 is suitable for precise and high contrast thermal transfer printing.

The quality of the marking depends on the combination of printer and ribbon. In order to achieve the best results, the printing speed and the temperature of the curing bar should be varied.

Dimensions:

Width: on request, length: 300m

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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