



tesa[®] 6910 Laser-Label

Product Information

Color-Change marking



Product Description

tesa[®] 6910 is a high-performance polyolefin laser-film. Marking and cutting are achieved by laser in one step, which makes it possible to realize any desirable label variation and format using only one material. The backing is resistant against chemicals, abrasion, temperature and ageing. The adhesive system consists of a resin modified acrylic, suitable even for low energy surfaces.

This high performance product is used as a data carrier for intelligent process steering and as an identification label. Marking is achieved by laser-activated color pigments embedded in the backing. The use of a high-speed laser enables a considerably quick marking speed up to 4000mm/ sec.

Available in white color.

Application Fields

- Precise and resistant marking
- Very resistant to heat, abrasion and chemicals
- Manipulation leaves visible trace
- Flexible formatting and label design: marking and cutting by the laser
- Efficient: replaces a multitude of pre-made labels
- Just-in-time production reduces storage needs

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 | polyolefin | • Adhesive weight | 25 g/m ² |
| • Type of adhesive | acrylic | • Thickness of tape | 100 µm |
| • Type of liner | coated paper | • Weight of liner | 120 g/m ² |

Properties/Performance Values

- | | | | |
|-----------------------------|-----------|-------------------------------------|-----------|
| • Ageing resistance (UV) | good | • Shelf life time | 24 months |
| • Chemical Resistance | good | • Suitable laser | Nd:YAG |
| • Frost resistance | -20 °C | • Tamper evidence | no |
| • Humidity resistance | very good | • Temperature resistance long term | 100 °C |
| • Peel off force from liner | 0,5-10 | • Temperature resistance short term | 120 °C |

For latest information on this product please visit <http://l.tesa.com/?ip=06910>



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Product Information

Storage Conditions

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23°C, 50% RH, stored in original box

Additional Information

Standard Dimensions:

Width: 100mm and 120mm, 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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