



# tesa® 6947 Laser label

## Product Information



Etiqueta autoadhesiva laser label , rapido grabado y anti-fraude

### Descripción del producto

Tesa® 6947 es una película acrílica frágil de doble capa con marca de agua, la cual está permanentemente incrustada en el respaldo. Realizan cualquier variación y formato deseable de la etiqueta usando solamente un material. El respaldo es altamente resistente contra los productos químicos, la abrasión, la temperatura y el envejecimiento. El sistema adhesivo consiste en un acrílico modificado de la resina conveniente incluso para las superficies de la energía baja.

Este producto de alto rendimiento se utiliza como una etiqueta de identificación de manipulación indebida durante toda la vida útil de un producto y también como un sistema de soporte de datos para la dirección inteligente en proceso.

El uso de un láser de alta velocidad permite una marcación considerablemente rápida hasta 4000mm / seg.

Disponible en: negro

### Características

- The use of a high-speed laser enables a considerably quick marking up to 4000mm/ sec.
- The backing is highly resistant against chemicals, abrasion, temperature and ageing.
- The adhesive system consists of a resin modified acrylic suitable even for low energy surfaces.

### Aplicación

- Customized Watermark embedded in the backing
- Very fast marking is achieved in conjunction with high-speed laser hardware
- High contrast and excellent marking precision
- Very resistant to heat, abrasion and chemicals
- Tamper Evident: Manipulation leaves visible trace
- Not removable without destruction of the label
- 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

### Información Técnica: (valores promedio)

Los valores en esta sección son considerados solamente como representativos o típicos y no deben usarse para propósitos específicos.

### Composición del producto

- |                       |          |                         |                      |
|-----------------------|----------|-------------------------|----------------------|
| • Material de soporte | Acrílico | • Tipo de protector     | papel cubierto       |
| • Tipo de adhesivo    | acrílico | • Gramaje del protector | 120 g/m <sup>2</sup> |

For latest information on this product please visit <http://l.tesa.com/?ip=06947>



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### Propiedades / Valores de rendimiento

• Laser apropiado	CO <sub>2</sub> , Nd:YAG, Yb:YAG	• Resistencia a los químicos	very good
• Resistencia a la congelación	-40 °C	• Resistencia al despegado del protector	0,5-10
• Resistencia a la humedad	very good	• Resistencia al envejecimiento (UV)	very good
• Resistencia a la temperatura a corto plazo	250 °C	• Tamper Evidence	si
• Resistencia a la temperatura a largo plazo	120 °C		

### Condiciones de almacenamiento

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23°C, 50% RH, almacenado en caja original

### Additional Information

Dimensions: Customer specific

Standard Width: 100mm or 120mm. Length: 170-300m  
(Length 6947 PV6: max. 200m)

Assortment and Technical Data:

6947 PV3 black/ white glossy: Adhesive 25g/m<sup>2</sup>, Thickness 95µm without Liner. Color code: 04  
6947 PV3 black/ white matt: Adhesive 25g/m<sup>2</sup>, Thickness 95µm without Liner. Color code: 28  
6947 PV6 black/ white glossy: Adhesive 35g/m<sup>2</sup>, Thickness 140µm without Liner. Color code: 04  
6947 PV6 black/ white matt: Adhesive 35g/m<sup>2</sup>, Thickness 140µm without Liner. Color code: 28

To fulfill our customers' requirements for different applications and substrates the tesa® 6947 series is available in different product variants. Our aim is to fully understand your application in order to provide the right product recommendation. Our technical support is available upon request.

Optional: UV-Footprint adhesive (MU49):

tesa® 6947 MU49 is equipped with a special acrylic adhesive system, which leaves an UV-detectable trace ("UV-Footprint"). This special variant is available upon request.

Optional: LSE adhesive with UV-Footprint (MU56):

tesa® 6947 MU56 is equipped with a special acrylic adhesive system improved for rough and low surface energy (LSE) surfaces, which leaves an UV-detectable trace ("UV-Footprint"). This special variant is available upon request.



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## Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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.



For latest information on this product please visit <http://l.tesa.com/?ip=06947>