

# tesa® 6930BK3 PV3 Black Glossy/White



## Product Information

Laser markable, tamper-proof and self-adhesive

## Product Description

tesa® 6930 PV3 black glossy/white (6930BK3) is a two-layer, laser markable film with acrylic adhesive. Its self-destructible product construction ensures the label is destroyed and leaves a visible trace if tampered with. A laser removes the top layer to create precise images and cuts the label to size in one step, which makes it possible to realize any desirable label variation and format. Simplify your product marking process with our reliable, efficient, and versatile laser-markable films for on-demand label creation.

## Product Features

- Marked irreversible by laser with excellent long-term legibility
- Reliably withstand stress over the long-term covering a wide range of applications
- Manipulation leaves visible trace (damage on information and label)
- Not removeable without destruction of the label from most surfaces to prevent re-using
- Just-in-time production replaces a multitude of pre-made labels and reduces storage needs
- Available in different colors

## Application Fields

Our laser-markable films are ideal for applications requiring secure product marking. They are perfect for identification and certification labeling with model-specific data, languages, serial numbers, and QR codes. This prevents unauthorized reuse and manipulation, ensuring compliance and traceability throughout the product's lifecycle.

Potential applications span various industries, providing reliable and secure labeling solutions for both identification and certification needs: Tamper-evident identification labels for products like medical equipment, food scales, semiconductor plates, phones, tablets, industrial machinery, and vehicles.

Data carrier systems for intelligent in-process steering.

## 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          | Acrylic | • Type of liner   | coated paper         |
| • Type of adhesive | acrylic | • Weight of liner | 120 g/m <sup>2</sup> |

## Product Assortment

- |                    |                          |
|--------------------|--------------------------|
| • Available colors | black matt, black, white |
|--------------------|--------------------------|

For latest information on this product please visit <http://l.tesa.com/?ip=6930BK3>

# tesa<sup>®</sup> 6930BK3 PV3 Black Glossy/White

## Product Information

### Properties/Performance Values

• Ageing resistance (UV)	very good	• Suitable laser	CO <sub>2</sub> , Nd:YAG, Yb:YAG
• Chemical Resistance	very good	• Tamper evidence	yes
• Frost resistance	-40 °C	• Temperature resistance long term	120 °C
• Humidity resistance	very good	• Temperature resistance short term	250 °C
• Peel off force from liner	0,5-10		

### Adhesion to Values

- Steel 1.8 N/cm

### Additional Information

Standard Dimensions:

Width: 100mm and 120mm. Length: 300m

UL recognized component: PGGU2 Marking and Labeling System Materials – Component, MH18055

### 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=6930BK3>