tesa® 6930 PV3 Silver Glossy

Product Information

Laser markable and self-adhesive

Product Description

tesa® 6930 is a double layer, brittle acrylic 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.

This high performance product is used as a tamper evident identification label over the entire lifetime of a product and also as a data carrier system for intelligent in-process steering.
Available in: black (glossy, matt), silver (glossy, matt), white (glossy)

Product Features

- 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.

Application Fields

- 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

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 material	Acrylic	• Type of liner	coated paper
• Type of adhesive	acrylic	• Weight of liner	120 g/m²

Properties/Performance Values

• Ageing resistance (UV)	very good	• Suitable laser	CO₂, 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		
• Peel off force from liner	0,5-10	• Temperature resistance short term	250 °C

For latest information on this product please visit http://l.tesa.com/?ip=06930

tesa® 6930
PV3 Silver Glossy

Product Information

Storage Conditions

Storage Conditions
23°C, 50% RH, stored in original box

Additional Information

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

Assortment and Technical Data:
6930 PV3 black/ white glossy: Adhesive 25g/m², Thickness 95µm without Liner. Color code: 04
6930 PV3 black/ white matt: Adhesive 25g/m², Thickness 95µm without Liner. Color code: 28
6930 PV3 silver/ black glossy: Adhesive 25g/m², Thickness 110µm without Liner. Color code: 35
6930 PV3 silver/ black matt: Adhesive 25g/m², Thickness 110µm without Liner. Color code: 34
6930 PV8 white/ black glossy: Adhesive 25g/m², Thickness 118µm without Liner. Color code: 08

Special variant:
6930 PV6 black/ white glossy: Adhesive 35g/m², Thickness 140µm without Liner. Color code: 04
Width: 100mm and 120mm. Length: 200m
In certain cases, additional thickness proves beneficial in handling.

Optional: 6930 with UV-Footprint adhesive (MU49):
tesa® 6930 MU49 is equipped with a special acrylic adhesive system, which leaves an UV-detectable trace ("UV-Footprint"). This special variant is available upon request.

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.

For latest information on this product please visit http://l.tesa.com/?ip=06930