

tesa® 6930 PV8 White

Product Information

tesa® 6930 PV8 White Laser Markable Film



Product Description

tesa® 6930 PV8 White is a two-layer, high-performance, tamper-evident laser markable film. It features a durable acrylic adhesive with good heat, frost, humidity, UV, chemical, and abrasion resistance, making it ideal for a wide range of applications. The film can be easily laser-marked for precise and legible data encoding, ensuring visible traces upon tampering. Suitable for intelligent in-process steering, it adapts to various formats and contents.

Product Features

- Marked irreversible by laser with excellent long-term legibility
- Reliably withstand stresses 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 to prevent re-using
- Just-in-time production replaces a multitude of pre-made labels and reduces storage needs

Application Fields

tesa® 6930 PV8 White is a high-performance, tamper-evident laser markable identification label for secure identification of medical devices, semiconductor plates, electronic parts and other machinery throughout a product's lifetime.

- Purpose: Tamper-evident identification label throughout a product's lifetime.
- Flexibility: Laser marking allows quick adaptation of formats and contents (languages, serial numbers).
- Precision: High contrast and marking precision ensure clear, legible information, including small letters, numbers, symbols, and 2D barcodes (data matrix, QR codes).
- Readability: Ensures easy and accurate legibility by both human eyes and scanning devices.
- Security: Material is tamper-evident ensuring visible traces upon tampering

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

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Properties/Performance Values

• Ageing resistance (UV)	good	• Shelf life time	12 months
• Chemical Resistance	good	• Suitable laser	CO ₂ , Nd:YAG, Yb:YAG
• Frost resistance	-40 °C	• Tamper evidence	yes
• Humidity resistance	good	• Temperature resistance long term	120 °C
• Peel off force from liner	0,5-10	• Temperature resistance short term	180 °C

Adhesion to Values

- Steel 1.8 N/cm

Storage Conditions

Storage Conditions

Original packaging excluding exposure of tapes to light and heating source

Storage of rolls in a horizontal position

Ideal storage at standard room temperature and rel. humidity according to ISO 554

Refrigerated tapes need to be reconditioned prior to their use. An application below 10°C must be avoided as this may not provide sufficient immediate bonding

After opening the packaging, the tape shall be used as soon as possible

Additional Information

6930 PV8 white glossy / black (6930WT8)

Standard Dimension: Width: 120mm. Length: 300m

Color Code: 08

Adhesive: Standard tesa adhesive

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Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=6930WT8>