

## TESA TAMPER EVIDENT LABELS

Founded in the roaring 30's and still going strong, Traceability Solutions brings the Tesa brand to the South African engineering and manufacturing market.

As far back as the 1930s, the foundations for innovation have been laid for the Tesa success story. Now in South Africa, Tesa through the distribution of Traceability Solutions, will offer a wide range of tamper-evident identification and safety labels. These labels have been tried and tested in the automotive industry and are now making headway into various other industries due to their versatility and security features. Engineered to be flexible these labels can be adhered to many surfaces, whether curved or flat and can be manufactured to include any amount of human-readable text, barcodes, 2D codes, logos and much more...

### PRODUCT DESCRIPTION

TESA® 6930 is a double layer, brittle acrylic film, which is marked and cut in one process using laser marking machines. This makes it possible to manufacture any desired label variation and format using only one material. The backing is highly resistant against chemicals, abrasion, temperatures and ageing. The adhesive consists of a resin modified acrylic, which is suitable even for low energy surfaces. 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, matte), white (glossy).

### MAIN APPLICATION

- 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

### TECHNICAL DATA

- Acrylic backing material
- Tamper Evident
- Acrylic adhesive
- Adhesion to steel > 1.8 N/cm
- Weight of liner 120 g/m<sup>2</sup>
- Peel off force from liner 2-10 N/cm

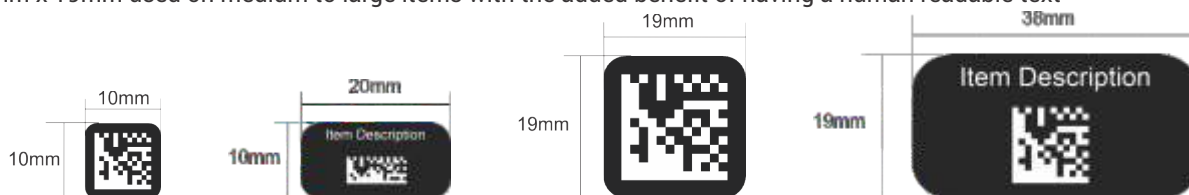
### PROPERTIES

- Temperature resistance short term 270 °C
- Temperature resistance long term 120 °C
- Frost resistance to -50 °C
- Very good humidity resistance
- Very good resistance to chemicals
- Very good ageing resistance (UV)
- Suitable Laser CO2, Nd:YAG, Yb:YAG
- Storage conditions 23 °C, 50% RH, stored in original box

### STANDARD LABEL SIZES & CUSTOM DESIGN

We have 4 standard sizes that have been tried and tested

- 10mm x 10mm used on small items
- 10mm x 20mm used on small items with the added benefit of having a human readable text
- 19mm x 19mm used on medium to large items
- 38mm x 19mm used on medium to large items with the added benefit of having a human readable text



Should the standard label sizes above not meet your needs, Traceability Solutions can produce custom made labels in the size that you require.

To find a solution that suits your pocket and business click here