



# tesa® 88101

## Abrasion Protection Tape for Visual Warning & Identification

### Product Information



Orange PET cloth tape with waterborne acrylic adhesive for high voltage cable protection.

### Product Description

tesa® 88101 is a PET cloth tape with a waterborne acrylic adhesive for wire harness covering. Enabled with the new adhesive formula, tesa® 88101 provides good abrasion protection for automotive harnesses and withstands demanding temperatures together with Low Odor and Low VOC properties. The orange version is designed for high voltage harness protection.

### Product Features

- High abrasion resistance and demanding temperature level
- Good flagging resistance
- Stable unwind force when applying
- Superior ageing resistance performance
- Low odor and low VOC properties
- Tear resistant for secure bundling of harnesses
- Available in both orange and black color

### Application Fields

As a PET cloth tape, tesa® 88101 is designed for the wire harness protection for both electric vehicles and petrol vehicles, especially for the areas with high requirements on odor and VOC.

### 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          | PET cloth           | • Total thickness | 225 µm |
| • Type of adhesive | water-based acrylic |                   |        |

### Properties/Performance Values

- |   |          |                               |          |
|---|----------|-------------------------------|----------|
| • Elongation at break                       | 40 %     | • Temperature resistance max. | 105 °C   |
| • Tensile strength                          | 260 N/cm | • Temperature resistance min. | -40 °C   |
| • Abrasion resistance (10mm mandrel, LV312) | Class D  | • Unwind force at 30m/min     | 3.8 N/cm |
| • Noise damping (LV312)                     | Class A  |                               |          |

### Adhesion to Values

- |         |          |
|---------|----------|
| • Steel | 2.3 N/cm |
|---------|----------|

For latest information on this product please visit <http://l.tesa.com/?ip=88101>



# tesa® 88101

## Abrasion Protection Tape for Visual Warning & Identification

### Product Information

#### Additional Information

- Standard widths: 19, 25 mm
- Standard lengths: 25 m
- Further dimensions available upon request
- Color: orange and black

Noise Damping and Abrasion Resistance Classification is conducted according to LV 312 standard.

### 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=88101>