

tesa® 88101

Abrasion protection



Product Information

PET cloth tape with waterborne acrylic adhesive for 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.

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

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 | 3.9 N/cm |
| • Noise damping (LV312) | Class A | | |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 2.5 N/cm |
|---------|----------|

Additional Information

- Standard widths: 19, 25 mm

For latest information on this product please visit <http://l.tesa.com/?ip=88101PV0CN>

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Additional Information

- Standard lengths: 25 m
- Further dimensions available upon request

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

Disclaimer

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