

tesa[®] 88103

Product Information



Low odor & low VOC, flag-resistant PET cloth tape

Product Description

tesa[®] 88103 is a flag-resistant PET cloth wire harness tape with a solvent-free, acrylic adhesive. With the new adhesive formula, tesa[®] 88103 is highly resistant to flagging and ensures secure closure with a stable Low Odor and Low VOC performance. tesa[®] 88103 provides excellent abrasion protection of automotive harnesses and withstands high temperatures and demanding environmental conditions.

Main features:

- * Low Odor
- * Low VOC
- * Flag-resistant
- * Constant unwind force
- * High abrasion resistance
- * High temperature resistance
- * Excellent cable compatibility
- * Resistant to aging
- * Can withstand environmental influences

Application Fields

tesa[®] 88103 has been specially designed for bundling and wire protection against abrasion. The main application field is the engine compartment of a car, with demanding temperature-related and environmental conditions.

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 | 250 µm |
| • Type of adhesive | acrylic | | |

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Properties/Performance Values

- | | | | |
|---|----------|-----------------------------------|----------------------|
| • Elongation at break | 40 % | • Temperature resistance max. | 150 °C |
| • Tensile strength | 275 N/cm | • Temperature resistance min. | -40 °C |
| • Abrasion resistance (10mm mandrel, LV312) | Class D | • Unwind force (roll width < 9mm) | 11 N/roll (30 m/min) |
| • Abrasion resistance (5mm mandrel, LV312) | Class D | • Unwind force (roll width > 9mm) | 11 N/roll (30 m/min) |
| • Noise damping (LV312) | Class A | | |

Adhesion to Values

- Steel 3.3 N/cm

Additional Information

Standard widths: 9, 19, 25 mm

Standard lengths: 25 m

* Most combinations of width and length are possible

* Further dimensions are available upon request

* Standard core diameter: 38 mm

* Applicable for red ring assembly aid

* Minimum temperature while application: 15°C

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.



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