



tesa® 51623

Product Information



Basic Noise Damping Tape for Visual Warning & Identification

Product Description

tesa® 51623 is a PET non-woven wire harness tape with a solvent-free rubber-based adhesive mainly used for wire harness covering in the passenger compartment. It combines important features such as noise damping and bundling strength while keeping harnesses flexible supporting an easy assembly process at the OEM. In addition, tesa® 51623 OR can be specifically used for high-voltage applications in electric vehicles and identification in all types of vehicles for better distinction in the assembly process.

Product Features

- Orange color for high-voltage applications and identification
- Solid noise damping performance
- Flexible and smooth appearance
- Stable unwind force for constant behavior when applying
- Ageing resistant up to 3000 h
- Excellent cable compatibility
- Tear resistant for secure bundling of harnesses
- Hand-tearable for manual application
- Low odor and low VOC properties

Application Fields

tesa® 51623 is designed to provide solid noise damping and secure bundling performances on the harness. The tape is mainly applied on harnesses for the passenger compartment. The harness remains flexible after applying the tape.

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 fleece | • Total thickness | 250 µm |
| • Type of adhesive | rubber based | | |

Product Assortment

- | | |
|--------------------|--------|
| • Available colors | orange |
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Product Information

Properties/Performance Values

- | | | | |
|---|---------|-----------------------------------|----------------------|
| • Elongation at break | 20 % | • Noise damping (LV312) | Class C |
| • Tensile strength | 45 N/cm | • Temperature resistance max. | 105 °C |
| • Abrasion resistance (10mm mandrel, LV312) | Class B | • Temperature resistance min. | -40 °C |
| • Abrasion resistance (5mm mandrel, LV312) | Class A | • Unwind force (roll width > 9mm) | 10 N/roll (30 m/min) |
| • Hand tearability | yes | | |

Adhesion to Values

- Steel 2 N/cm

Additional Information

- Standard width: 19 mm
- Standard length: 25 m
- Standard core diameter: 38 mm
- Further dimensions available upon request

Disclaimer

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