

tesa® 51638 PV0



Product Information

Product Description

tesa® 51638 is a tape for wire harness covering that is applied on passenger compartment harnesses. It combines important features as noise damping, abrasion resistance and bundling strength while keeping harnesses flexible, therefore supporting an easy harness assembly process at the OEM.

tesa® 51638 is a PET fleece wire harness tape with a water-based acrylic adhesive that is optimized for manual application.

Main features:

- Noise damping performance
- Basic abrasion resistant performance
- Flexible and smooth appearance
- Tear resistant for secure bundling of harnesses
- Stable unwind force for constant behavior when applying
- Ageing resistance performance
- Strong adhesion
- Hand-tearable for quick application
- Low odor
- Colors: Black & Orange

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 | 260 µm |
| • Type of adhesive | water-based acrylic | | |

Product Assortment

- | | |
|--------------------|---------------|
| • Available colors | black, orange |
|--------------------|---------------|

Properties/Performance Values

- | | | | |
|---|-----------|-----------------------------------|-----------------------|
| • Elongation at break | 19.2 % | • Temperature resistance max. | 105 °C |
| • Tensile strength | 46.4 N/cm | • Temperature resistance min. | -40 °C |
| • Abrasion resistance (10mm mandrel, LV312) | Class B | • Unwind force (roll width < 9mm) | 4.5 N/roll (30 m/min) |
| • Abrasion resistance (5mm mandrel, LV312) | Class A | • Unwind force (roll width > 9mm) | 9 N/roll (30 m/min) |
| • Noise damping (LV312) | Class C | | |

For latest information on this product please visit <http://l.tesa.com/?ip=51638PV0>

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Adhesion to Values

- Steel 2.3 N/cm

Disclaimer

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