



tesa[®] 51036 PV01



Product Information

Flag-resistant PET cloth tape for high abrasion protection of automotive harnesses

Product Description

tesa[®] 51036 is a flag-resistant PET cloth wire harness tape with a solvent-free, advanced acrylic adhesive. With the new adhesive formula, tesa[®] 51036 is highly resistant to flagging and ensures secure closure. tesa[®] 51036 provides excellent abrasion protection of automotive harnesses and withstands high temperatures and demanding environmental conditions.

Its acrylic adhesive is compatible with halogen-free cable jacketing materials (PE/PP) and guarantees enhanced durability.

Main features:

- * High abrasion resistance
- * High temperature resistance
- * Flag-resistant
- * Excellent cable compatibility
- * Resistant to aging
- * Can withstand environmental influences
- * Can be used for manual and automatic application
- * Flame-retardant
- * Halogen-free
- * Tear-resistant
- * Constant unwind force
- * Flexible and smooth

For latest information on this product please visit <http://l.tesa.com/?ip=51036>



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Product Description

* Available in black and orange

Application Fields

tesa[®] 51036 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 | 260 µm |
| • Type of adhesive | advanced acrylic | | |

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 | 5 N/cm |
|---------|--------|

Additional Information

Standard widths: 9, 19, 25, 32 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
- Elongation at break of 51036 orange: 45%

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Disclaimer

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