

# tesa<sup>®</sup> 51036

## Product Information



PET cloth tape for high abrasion protection

### Product Description

tesa<sup>®</sup> 51036 is a flag-resistant PET cloth wire harness tape with a solvent-free advanced acrylic adhesive. With the special adhesive formula, tesa<sup>®</sup> 51036 is highly resistant to flagging and ensures secure closure. tesa<sup>®</sup> 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.

### Product Features

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

### Application Fields

tesa<sup>®</sup> 51036 has been specifically designed for bundling and wire protection against abrasion. The main application field is the engine compartment of a vehicle, 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

- Total thickness 260 µm

### Product Assortment

- Available colors black

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

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## Product Information

### Properties/Performance Values

- |   |          |                                   |                      |
|---|----------|-----------------------------------|----------------------|
| • Elongation at break                       | 40 %     | • Noise damping (LV312)           | Class A              |
| • Tensile strength                          | 275 N/cm | • Temperature resistance max      | 150 °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) |
| • Minimum temperature resistance            | -40 °C   |                                   |                      |

### Adhesion to Values

- steel 3 N/cm

### Additional Information

- Standard widths: 9, 19, 25, 32 mm
- Standard length: 25 m
- Further dimensions are available upon request
- Standard core diameter: 38 mm

### 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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