



# tesa<sup>®</sup> 51026

## Product Information



PET cloth wire-harness tape for high abrasion protection and high temperature resistance up to 150°C

### Product Description

tesa<sup>®</sup> 51026 PET Cloth tape is an efficient solution for engine compartment wire harnessing where very high abrasion and high temperature resistance is required.

Its new-generation acrylic adhesive is compatible with new halogen-free cable jacketing materials (PE/PP) and provides enhanced durability. It is optimised for manual and automatic application.

#### Features:

- high abrasion resistance
- high temperature resistance 150°C/3000h
- oil and fuel resistant
- UV resistant
- flame retardant
- fogging-free
- excellent compatibility with PVC, PE and PP cable insulation
- stable unwind strength
- resistant to ageing
- rot-proof
- tear resistant
- strong adhesion
- flexible and smooth

### Application Fields

tesa<sup>®</sup> 51026 PET Cloth tape is designed for the engine compartment wire harnessing, providing high abrasion protection.

### 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 material | PET cloth | • Total thickness | 260 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 5.5 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
- " = RAL 2007. Some color fadings can occur under continuous strong heat conditions. A standard for color is not specified.

### Disclaimer

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