



# tesa® 51026

## Product Information



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

### Product Description

tesa® 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® 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          | PET cloth | • Total thickness | 260 µm |
| • Type of adhesive | acrylic   |                   |        |



# tesa<sup>®</sup> 51026

## Product Information

### 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

tesa<sup>®</sup> 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<sup>®</sup> 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.



For latest information on this product please visit <http://l.tesa.com/?ip=51026>