



tesa® 51026

Product Information



PET cloth tape for high abrasion protection of automotive harnesses

Product Description

tesa® 51026 is a PET cloth tape with a solvent-free acrylic adhesive. It provides excellent abrasion protection of automotive harnesses and withstands high temperatures and demanding environmental conditions.

Its acrylic adhesive is compatible with new halogen-free cable jacketing materials (PE/PP) and provides enhanced durability at high temperatures.

Product Features

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

Application Fields

tesa® 51026 has been specially designed for bundling and wire protection against abrasion of automotive harnesses. 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 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

Disclaimer

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