



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.

Main 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

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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.

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



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Product Information

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 | | 10.2 mils |

Properties/Performance Values

- | | | | |
|-------------------------------|------------------------|-----------------------------------|----------------------|
| • Elongation at break | 40 % | • Temperature resistance min. | -40 °C |
| • Tensile strength | 275 N/cm
157 lbs/in | | -40 °F |
| • Noise damping (LV312) | Class A | • Unwind force (roll width < 9mm) | 11 N/roll (30 m/min) |
| • Temperature resistance max. | 150 °C
302 °F | • Unwind force (roll width > 9mm) | 11 N/roll (30 m/min) |

Adhesion to Values

- | | |
|---------|------------------------|
| • Steel | 5.5 N/cm
50.2 oz/in |
|---------|------------------------|

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



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Disclaimer

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