

## tesa® 51026

### PET cloth tape for high abrasion protection of automotive harnesses

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

## Main Application

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 Data

▪ Backing material	PET cloth	▪ Temperature resistance (3000h)	150 °C
▪ Total thickness	260 µm	▪ Abrasion resistance (10mm mandrel)	Class D (acc. to LV312)
▪ Type of adhesive	acrylic	▪ Abrasion resistance (5mm mandrel)	Class D (acc. to LV312)
▪ Adhesion to steel	5.5 N/cm	▪ Flame resistance as composite	Class B (acc. to LV312)
▪ Elongation at break	40 %	▪ Unwind force (roll width ≤ 9mm)	5 N/roll (30 m/min)
▪ Tensile strength	275 N/cm	▪ Unwind force (roll width > 9mm)	11 N/roll (30 m/min)
▪ Temperature resistance min.	-40 °C	▪ Noise damping (decibel)	Class A (acc. to LV312)

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

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### 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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