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 material	PET cloth	• Total thickness	260 µm
• Type of adhesive	acrylic		

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Properties/Performance Values

- Elongation at break 40 %
- Tensile strength 275 N/cm
- Abrasion resistance (10mm mandrel, LV312) Class D
- Abrasion resistance (5mm mandrel, LV312) Class D
- Noise damping (LV312) Class A
- Temperature resistance max. 150 °C
- Temperature resistance min. -40 °C
- Unwind force (roll width > 9mm) 11 N/roll (30 m/min)
- Unwind force (roll width ≤ 9mm) 11 N/roll (30 m/min)

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 continous strong heat conditions. A standard for color is not specified.

Disclaimer

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