



tesa® 51007

Product Information



PET cloth wire harness tape for the engine compartment optimised for automatic bundling

Product Description

tesa® 51007 is specially designed for wire harness bundling and protection in the engine compartment. Its unwind force is optimised for automatic wrapping equipment.

Features:

- low unwind force
- rot proof
- abrasion resistant
- flexible and smooth
- tear resistant
- stable unwind force
- resistant to ageing
- strong adhesion

Product Features

- Resistant to abrasion
- High initial tack and adhesion
- Optimized for automatic wrapping
- Flag-resistant
- Can withstand environmental influences
- Constant unwind force – optimized for automatic application
- Aging-resistant
- Flame-retardant
- Flexible and smooth

Application Fields

Wire Harnessing

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 | 320 µm |
| • Type of adhesive | rubber based | | |

For latest information on this product please visit <http://l.tesa.com/?ip=51007>



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Product Information

Properties/Performance Values

- | | | | |
|-------------------------------|----------|-----------------------------------|---------------------|
| • Elongation at break | 22 % | • Temperature resistance min. | -40 °C |
| • Tensile strength | 175 N/cm | • Unwind force (roll width > 9mm) | 6 N/roll (30 m/min) |
| • Noise damping (LV312) | Class A | • Unwind force (roll width ≤ 9mm) | 6 N/roll (30 m/min) |
| • Temperature resistance max. | 150 °C | | |

Adhesion to Values

- steel 4.5 N/cm

Additional Information

Standard widths: 9, 19, 25, 32 mm

Standard lengths: 50 m

- Most combinations of width and length are possible
- Further dimensions are available upon request
- Standard core diameter: 76 mm
- Applicable for red ring assembly aid

*On ETFE wires. Other insulation materials to be tested.

Disclaimer

tesa® 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® 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.



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