



tesa[®] 51037

Product Information



Hand-tearable PET cloth tape for high abrasion protection of automotive harnesses

Product Description

tesa[®] 51037 is a hand-tearable PET cloth tape with a solvent-free advanced acrylic adhesive. It is one of the first tapes on the market providing hand-tearability and high abrasion resistance of automotive harnesses. With the new adhesive formula, tesa[®] 51037 is highly resistant to flagging and ensures secure closure.

Product Features

- High abrasion resistance
- High temperature resistance
- Hand-tearable
- Excellent cable compatibility
- Resistant to aging
- Can withstand environmental influences
- Flame-retardant
- Halogen-free
- Constant unwind force
- Flexible and smooth

Application Fields

tesa[®] 51037 has been specially designed for bundling and wire protection against abrasion. 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 | 230 µm |
| • Type of adhesive | advanced acrylic | | |

Properties/Performance Values

- | | | | |
|---|-------------------------|-----------------------------------|----------------------|
| • Elongation at break | 30 % | • Temperature resistance max. | 150 °C |
| • Tensile strength | 80 N/cm | • Temperature resistance min. | -40 °C |
| • Abrasion resistance (10mm mandrel, LV312) | Class D (acc. to LV312) | • Unwind force (roll width > 9mm) | 13 N/roll (30 m/min) |
| • Abrasion resistance (5mm mandrel, LV312) | Class D (acc. to LV312) | • Unwind force (roll width ≤ 9mm) | 13 N/roll (30 m/min) |
| • Noise damping (LV312) | A | | |

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Adhesion to Values

- steel 3 N/cm

Additional Information

- Standard widths: 19, 25 mm
- Standard lengths: 25 m
- Further dimensions are available upon request

Standard core diameter: 38 mm

*depending on wire insulation

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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