

tesa® 51618



product information

PET fleece tape with rubber adhesive

tesa® 51618 is a tape for wire harness covering that is majorly applied at harnesses in the passenger compartment. It combines important features as noise damping, abrasion resistance and bundling strength while keeping harnesses flexible supporting an easy harness assembly process at the OEM.

tesa® 51618 is a PET fleece wire harness tape with a rubber based adhesive that is optimized for manual application.

Main features:

- Noise damping performance
- Basic abrasion resistant performance
- Flexible and smooth appearance
- Tear resistant for secure bundling of harnesses
- Stable unwind force for constant behavior when applying
- Ageing resistance performance
- Strong adhesion
- Hand-tearable for quick application
- Color: Black

Main Application

tesa® 51618 is designed to provide good noise damping and secure bundling performances on the harness. The tape is mainly applied on harnesses for the passenger compartment. The harness remains flexible after applying the tape.

Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

Technical Data

• Backing material	PET fleece	• Abrasion resistance (10mm mandrel)	Class B (acc. to LV312)
• Total thickness	250 µm	• Abrasion resistance (5mm mandrel)	Class A (acc. to LV312)
• Type of adhesive	rubber based	• Flame resistance as composite	Class B (acc. to LV312)
• Elongation at break	20 %	• Unwind force (roll width ≤ 9mm)	4.6 N/roll (30 m/min)
• Tensile strength	37 N/cm	• Unwind force (roll width > 9mm)	9 N/roll (30 m/min)
• Temperature resistance min.	-40 °C	• Noise damping (decibel)	Class C (acc. to LV312)
• Temperature resistance (3000h)	105 °C		

Adhesion to

- steel 3.0 N/cm
27.4 oz/in

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Additional Information

Standard widths: 9, 19, 25, 32 mm

Standard lengths: 15, 25 m

- Most combinations of width and length are possible
- Further dimensions are available upon request
- Standard core diameter: 38 mm

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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