



tesa® 51616

Product Information



Thick PET- fleece wire harness tape for high noise reduction

Product Description

tesa® 51616 is the cost efficient solution providing excellent noise reduction and a high abrasion resistance. It is for manual application on wire harnesses.

Features:

- hand tearable
- very high sound damping
- temperature resistance 125°C/3000h
- resistant to ageing
- rot-proof
- strong adhesion
- flexible and smooth

Application Fields

tesa® 51616 is a wire harnessing tape designed for the passenger compartment, providing high noise damping.

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 fleece | • Total thickness | 650 µm |
| • Type of adhesive | rubber based | | |

Product Assortment

- | | |
|---------------------|---------------|
| • Available Colours | black / white |
|---------------------|---------------|

Properties/Performance Values

- | | | | |
|---|---------|-----------------------------------|----------------------|
| • Elongation at break | 35 % | • Minimum temperature resistance | -40 °C |
| • Tensile strength | 30 N/cm | • Noise damping (LV312) | Class D |
| • Abrasion resistance (10mm mandrel, LV312) | Class D | • Temperature resistance max | 105 °C |
| • Abrasion resistance (5mm mandrel, LV312) | Class C | • Unwind force (roll width > 9mm) | 12 N/roll (30 m/min) |
| • Hand tearability | yes | • Unwind force (roll width ≤ 9mm) | 12 N/roll (30 m/min) |

For latest information on this product please visit <http://l.tesa.com/?ip=51616>



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Adhesion to Values

- steel 3 N/cm

Storage Conditions

Storage Conditions

- Storage temperature: 23°C (+/-10°C)
- Relative humidity: recommended 40–60% (room climate)
- Product guarantee: tesa guarantees a maximum shelf life of 12 months from date of dispatch (based on ISO 554)

Additional Information

Standard widths: 9, 19, 25, 32 mm

Standard lengths: 7.5 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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