



# tesa® 51624

## Product Information



PET fleece tape for high noise damping and advanced abrasion protection

### Product Description

tesa® 51624 is a PET non-woven wire harness tape which combines high noise damping performance with solid abrasion protection based on the new solvent-free adhesive developed by tesa. It's mainly used for wire harness covering in the passenger compartment.

### Product Features

- Solvent-free production process
- Solid noise damping performance
- Advanced abrasion resistance
- Excellent cable compatibility
- Smooth unwinding force

### Application Fields

Passenger compartment e.g.,

- Dashboard
- Center console
- Seating

### 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

- |                |      |                   |        |
|----------------|------|-------------------|--------|
| • PET fleece   | None | • Total thickness | 480 µm |
| • rubber based | None |                   |        |

### Product Assortment

- |                    |       |
|--------------------|-------|
| • Available colors | black |
|--------------------|-------|



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## Product Information

### Properties/Performance Values

- |   |         |                                   |                     |
|---|---------|-----------------------------------|---------------------|
| • Elongation at break                       | 20 %    | • Noise damping (LV312)           | Class D             |
| • Tensile strength                          | 40 N/cm | • Temperature resistance max.     | 105 °C              |
| • Abrasion resistance (10mm mandrel, LV312) | Class B | • Temperature resistance min.     | -40 °C              |
| • Abrasion resistance (5mm mandrel, LV312)  | Class B | • Unwind force (roll width > 9mm) | 9 N/roll (30 m/min) |
| • Hand tearability                          | yes     |                                   |                     |

### Adhesion to Values

- |         |          |
|---------|----------|
| • Steel | 3.5 N/cm |
|---------|----------|

## Storage Conditions

### Storage Conditions

- Storage temperature: 23 °C (+/- 10 °C)
- Storage humidity: 50 % (+/- 5 %)
- Product guarantee: tesa guarantees maximum shelf life of 12 months from date of dispatch (based on ISO 554)

## Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=51624>