



# tesa® 69000

## Product Information



## PA Cloth Tape for Superior Abrasion Protection

### Product Description

tesa® 69000 is a PA cloth tape with a solvent-free, acrylic adhesive which offers excellent cable compatibility for all standard cables used in automotive wire harnesses.

The tape is designed for particularly demanding application areas within passenger and commercial vehicles and ensures superior abrasion protection for automotive wire harnesses in exposed areas of the vehicle e.g., the engine compartment, while enabling secure closing and high flag-resistance.

As tesa® 69000 is offered in both colors, black and orange, the tape can also be used for high-voltage applications.

### Product Features

- Superior abrasion resistance
- Temperature resistance up to 125°C
- Flag-resistance
- Excellent cable compatibility
- Aging-resistance
- Flame-retardant
- Tear-resistance
- Stable unwinding force
- Available in black and orange color

### Application Fields

tesa® 69000 has been specially designed for superior abrasion protection. The main application field is the engine compartment of passenger and commercial vehicles 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 | PA cloth         | • Total thickness | 350 µm |
| • Type of adhesive | advanced acrylic |                   |        |

### Product Assortment

- |                    |               |
|--------------------|---------------|
| • Available colors | orange, black |
|--------------------|---------------|

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## Product Information

### Properties/Performance Values

- |   |          |                                   |                      |
|---|----------|-----------------------------------|----------------------|
| • Elongation at break                       | 35 %     | • Temperature resistance max.     | 125 °C               |
| • Tensile strength                          | 450 N/cm | • Temperature resistance min.     | -40 °C               |
| • Abrasion resistance (10mm mandrel, LV312) | Class E  | • Unwind force (roll width < 9mm) | 4 N/roll (30 m/min)  |
| • Abrasion resistance (5mm mandrel, LV312)  | Class E  | • Unwind force (roll width > 9mm) | 10 N/roll (30 m/min) |
| • Noise damping (LV312)                     | Class A  |                                   |                      |

### Adhesion to Values

- Steel 3.5 N/cm

## Storage Conditions

### Storage Conditions

- Storage temperature: 23°C (+/-10°C)
- Relative humidity: recommended 40–60% (room climate)

tesa guarantees a maximum shelf life of 12 months from date of dispatch (based on ISO 554).

### Additional Information

- Standard widths: 19, 25, 38 mm
- Standard lengths: 15, 20 m
- Standard core diameter: 38 mm

Performance values are conducted according to LV 312 standard.

## 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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