



# tesa® 63000

## Crash Protection Sleeve

### Product Information

Designed to ensure maximum mechanical impact protection for wire harnesses



### Product Description

tesa® 63000 is a PA cloth-based wire harness sleeve with a waterborne acrylic adhesive primarily targeted to be used in vulnerable locations in the vehicle to protect harnesses against high mechanical impacts during crash. Thanks to its innovative two-layer design, tesa® 63000 is a great band-aid solution, easy to apply and secure in its application.

### Product Features

- Two-layer Solution with high abrasion-resistant base and dampening inner layer
- Secure closing and fixation due to well-known tesa design
- Tightly fixation on the harness for minimized use of space but still maintaining flexibility of the harness
- High mechanical impact resistance up to 50 J
- High abrasion resistance of class F
- Temperature resistance up to 125°C
- Solvent-free adhesive
- Flag-resistant
- Excellent cable compatibility

### Application Fields

- Passenger compartment
- Engine compartment
- E-Mobility applications

### 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          | PA cloth         | • Total thickness | 2000 µm |
| • Type of adhesive | advanced acrylic |                   |         |

### Product Assortment

- Available colors
- orange, black



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#### Properties/Performance Values

- |   |         |                               |         |
|---|---------|-------------------------------|---------|
| • Abrasion resistance (10mm mandrel, LV312) | Class F | • Noise damping (LV312)       | Class E |
| • Abrasion resistance (5mm mandrel, LV312)  | Class F | • Temperature resistance max. | 125 °C  |
| • Crash protection (J)                      | 50      | • Temperature resistance min. | -40 °C  |

#### Adhesion to Values

- |         |          |
|---------|----------|
| • Steel | 3.2 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 width: min. 100 mm
- Standard length: 10 m
- Standard core diameter: 76 mm
- Further dimensions upon request

### 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.



For latest information on this product please visit <http://l.tesa.com/?ip=63000>