



# tesa® Sleeve 68000 PV17



## Product Information

Aluminium laminated glass cloth sleeve for radiant heat reflection and enhanced flexibility in the engine compartment

## Product Description

tesa® Sleeve 68000 PV17 is an aluminum laminated glass cloth with an acrylic adhesive and a thin PET fleece layer, designed for automotive engine compartments. Its acrylic adhesive is compatible with new halogen-free cable jacketing materials (PE/PP) and provides excellent radiant heat shielding as well as enhanced durability at high temperature.

The tesa® Sleeve product construction ensures minimum adhesive contact with the wires to provide maximum harness flexibility. Customized length-specific kiss cutting is available on request. tesa® Sleeve 68000 PV17 is specifically designed for efficient lengthwise manual application.

Color: silver. Liner: silicone

## Product Features

- Flexible and smooth
- Temperature Resistance 200°C / 240h (according to SAE J2192) 232°C / 168h (according to ISO 188 Method B)
- Thermal Effectiveness (according to SAE J2302) -55°C at 350°C heat source temperature -83°C at 450°C heat source temperature -110°C at 550°C heat source temperature
- Self extinguishing
- High flexibility
- Ageing-resistant
- Resistant to environmental influences
- High temperature resistance
- Superior radiant heat reflection

## Application Fields

tesa® Sleeve 68000 PV17 has been developed for:

- Applications within the wire harness segment.
- Bundling and wire protection in areas with increased demands for radiant heat protection.
- Shielding against radiant heat sources in the automotive engine compartment.



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## Product Information

### 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          | aluminium laminated glasscloth | • Total thickness | 450 µm |
| • Type of adhesive | acrylic                        |                   |        |

### Properties/Performance Values

- |                    |          |
|--------------------|----------|
| • Tensile strength | 270 N/cm |
|--------------------|----------|

### Additional Information

Adhesion to steel: Backing breaks at forces greater than 6 N/cm

- Standard widths: 50, 68, 80, 100, 130, 160 mm
- Standard length: 50 m
- Most combinations of width and length are possible
- Kiss-cut available on request

Harness diameter / tesa® Sleeve width recommendation

- Ø 8 mm - 10 mm / 50 mm
- Ø 10 mm - 15 mm / 68 mm
- Ø 16 mm - 19 mm / 80 mm
- Ø 20 mm - 25 mm / 100 mm
- Ø 26 mm - 35 mm / 130 mm
- Ø 36 mm - 43 mm / 160 mm

\*Smaller harness diameters need to be tested individually

- Standard core diameter: 76 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.