



# tesa<sup>®</sup> Sleeve 51036 PV70



## Product Information

PET cloth sleeve for enhanced harness flexibility in the automotive engine compartment

## Product Description

tesa Sleeve<sup>®</sup> 51036 PV9 is a PET cloth wire harness sleeve with a solvent-free advanced acrylic adhesive. It withstands high temperatures and demanding environmental conditions.

Its acrylic adhesive is compatible with new halogen-free cable jacketing materials (PE/PP) and provides enhanced durability at high temperatures. tesa Sleeve<sup>®</sup> 51036 PV9 is specifically designed for easy and efficient lengthwise application. The Sleeve<sup>®</sup> product construction ensures minimum adhesive contact with the wires to provide maximum harness.

Customized length-specific perforation for fast and clean tearing is available on request.

### Main features:

- \* High temperature resistance
- \* High flexibility
- \* Abrasion resistance
- \* Easy and efficient lengthwise application
- \* Excellent cable compatibility
- \* Ageing-resistant
- \* Resistant to environmental influences
- \* Flame-retardant
- \* Fogging-free

For latest information on this product please visit <http://l.tesa.com/?ip=51036>



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- \* Halogen-free
- \* Tear-resistant
- \* Flexible and smooth
- \* Available in black and orange

### Product Features

- High temperature resistance
- High flexibility
- Abrasion resistance
- Easy and efficient lengthwise application
- Excellent cable compatibility
- Ageing-resistant
- Resistant to environmental influences
- Flame-retardant
- Fogging-free
- Halogen-free
- Tear-resistant
- Flexible and smooth
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### Application Fields

tesa Sleeve<sup>®</sup> 51036 PV9 has been developed for bundling wire harness areas that require temperature resistance as well as harness flexibility. The main application field is the automotive engine compartment with demanding temperatures 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          | PET cloth | • Total thickness | 220 µm   |
| • Type of adhesive | acrylic   |                   | 8.7 mils |



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### Properties/Performance Values

- |   |         |                               |                  |
|---|---------|-------------------------------|------------------|
| • Abrasion resistance (10mm mandrel, LV312) | Class C | • Temperature resistance max. | 150 °C<br>302 °F |
| • Abrasion resistance (5mm mandrel, LV312)  | Class B | • Temperature resistance min. | -40 °C<br>-40 °F |
| • Noise damping (LV312)                     | Class A |                               |                  |

### Adhesion to Values

- |         |                      |
|---------|----------------------|
| • Steel | 5 N/cm<br>45.7 oz/in |
|---------|----------------------|

### Additional Information

Standard widths: 68, 78, 100, 130, 155, 195 mm

Standard lengths: 50 m

- Most combinations of width and length are possible

Also available with customized perforation

- Standard perforation length: 100-940 mm (in increments of 10 mm)
- Further dimensions are available on request

Harness diameter / tesa Sleeve® width recommendation

< Ø 13 mm / 68 mm

Ø 13 mm – 16 mm / 78 mm

Ø 16 mm – 23 mm / 100 mm

Ø 23 mm – 33 mm / 130 mm

Ø 33 mm – 41 mm / 155 mm

Ø 41 mm – 54 mm / 195 mm

- 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.



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