



# tesa Supersleeve® 51608 PV6



## Product Information

Double layer PET fleece Sleeve® for enhanced harness flexibility in the automotive passenger compartment

### Product Description

tesa Supersleeve® 51608 PV6 is a PET fleece wire harness sleeve with a rubber-based adhesive. It combines excellent noise damping and flexibility with abrasion resistance. tesa Supersleeve® 51608 PV6 is specifically designed for easy and efficient lengthwise application.

The Supersleeve® product construction ensures minimum adhesive contact with the wires to provide maximum harness flexibility and the adhesive-to-adhesive closure system guarantees secure bonding without additional spot wraps. Customized length-specific perforation for fast and clean tearing is available on request.

Main features:

- High flexibility
- Excellent noise damping
- Resistant to abrasion
- Easy and efficient lengthwise application
- Adhesive-to-adhesive closure system
- Secure bonding without additional spot wraps
- Strong adhesion
- Ageing-resistant

### Application Fields

tesa Supersleeve® 51608 PV6 has been developed for bundling passenger compartment wire harness areas subject to exacting requirements for both noise damping and harness flexibility.

### 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

- |                    |                   |                    |              |
|--------------------|-------------------|--------------------|--------------|
| • Total thickness  | 560 µm<br>22 mils | • Type of adhesive | rubber based |
| • Backing material | PET fleece        |                    |              |



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### Properties/Performance Values

- |                                     |                         |                                      |                         |
|-------------------------------------|-------------------------|--------------------------------------|-------------------------|
| • Abrasion resistance (5mm mandrel) | Class B (acc. to LV312) | • Temperature resistance min.        | -40 °C                  |
| • Noise damping (LV312)             | D                       | • Abrasion resistance (10mm mandrel) | -40 °F                  |
| • Temperature resistance (3000h)    | 105 °C<br>221 °F        |                                      | Class B (acc. to LV312) |

### Adhesion to Values

- |         |                      |
|---------|----------------------|
| • steel | 3 N/cm<br>27.4 oz/in |
|---------|----------------------|

### Additional Information

Standard widths: 67, 85, 100, 115, 130, 145, 160, 180, 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 Supersleeve® width recommendation

< Ø 12 mm / 67 mm

Ø 12 mm – 16 mm / 85 mm

Ø 16 mm – 19 mm / 100 mm

Ø 19 mm – 24 mm / 115 mm

Ø 24 mm – 29 mm / 130 mm

Ø 29 mm – 33 mm / 145 mm

Ø 33 mm – 38 mm / 160 mm

Ø 38 mm – 45 mm / 180 mm

Ø 45 mm – 49 mm / 195 mm

- Standard core diameter: 76 mm



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## Product Information

### Disclaimer

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