



tesa[®] Spiralsleeve 51026 PV6



Product Information

Double layer PET cloth Sleeve[®] for abrasion protection and enhanced harness flexibility in the automotive engine compartment

Product Description

tesa Supersleeve[®] 51026 PV6 is a PET cloth wire harness Sleeve[®] with a solvent free acrylic adhesive. It is providing superior abrasion protection and 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 Supersleeve[®] 51026 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.

Product Features

- Superior abrasion resistance
- High temperature resistance
- High flexibility
- Adhesive-to-adhesive closure system for secure bonding without additional spot wraps
- Excellent cable compatibility
- Resistant to ageing
- Resistant to environmental influences
- Flame retardant
- Fogging-free
- Halogen-free
- Tear resistant
- Flexible and smooth

Application Fields

tesa Supersleeve[®] 51026 PV6 has been developed for bundling wire harness areas subject to exacting requirements for temperature and abrasion resistance as well as harness flexibility. Main application field is the engine compartment with demanding temperatures and environmental conditions. tesa Supersleeve[®] 51026 PV6 is specifically designed for efficient lengthwise manual application.



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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 | PET cloth | • Total thickness | 530 µm |
| • Type of adhesive | acrylic | | |

Properties/Performance Values

- | | | | |
|---|---------|-------------------------------|--------|
| • Abrasion resistance (10mm mandrel, LV312) | Class E | • Temperature resistance max. | 150 °C |
| • Abrasion resistance (5mm mandrel, LV312) | Class D | • Temperature resistance min. | -40 °C |
| • Noise damping (LV312) | Class B | | |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 5.5 N/cm |
|---------|----------|

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
- " = RAL 2007. Some color fadings can occur under continuous strong heat conditions. A standard for color is not specified.



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Disclaimer

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