



tesa[®] 68000 PV1



Product Information

Aluminum laminated glass cloth tape for radiant heat reflection in the automotive engine compartment

Product Description

tesa[®] 68000 PV1 is an aluminum laminated glass cloth tape with an advanced acrylic adhesive, designed for the automotive engine compartment. 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.

Customized length-specific kiss cutting is available on request.

Main features:

- Superior radiant heat reflection
- High temperature resistance
- High flexibility
- Ageing-resistant
- Resistant to environmental influences
- Self extinguishing
- Flexible and smooth

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Application Fields

tesa[®] 68000 PV1 has been developed for bundling and wire protection in areas with increased demands for radiant heat protection. The major application field is wire harness segment shielding against radiant heat sources in the automotive engine compartment.



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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 | aluminum laminated
glasscloth | • Total thickness | 210 µm
8.3 mils |
| • Type of adhesive | acrylic | | |

Properties/Performance Values

- | | | | |
|-----------------------|--------------------------|-------------------------------|------------------|
| • Elongation at break | 4 % | • Noise damping (LV312) | Class B |
| • Tensile strength | 270 N/cm
154.2 lbs/in | • Temperature resistance max. | 150 °C
302 °F |

Adhesion to Values

- | | |
|---------|----------------------|
| • Steel | 6 N/cm
54.8 oz/in |
|---------|----------------------|

Additional Information

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

Standard widths: 50, 100 mm

Standard length: 50 m

- Most combinations of width and length are possible
- Also available as kiss-cut on request
- Standard core diameter: 76 mm



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Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=68000>