



# tesa® 51606

## Product Information



Thick PET- fleece wire harness tape for high noise damping and abrasion protection

### Product Description

tesa® 51606 is a proven tape providing excellent noise attenuation and a high abrasion resistance. It is optimised for wire harness applications.

Features:

- excellent noise damping
- high abrasion resistance
- tear resistant
- resistant to ageing and weathering
- strong adhesion

### Product Features

- High noise damping
- High abrasion resistance
- Excellent water absorption
- Excellent thermal insulation

### Application Fields

Wire Harnessing

### 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 material | PET fleece   | • Total thickness | 800 µm |
| • Type of adhesive | rubber based |                   |        |

### Properties/Performance Values

- |                               |         |  |                       |
|-------------------------------|---------|--|-----------------------|
| • Elongation at break         | 85 %    | • Temperature resistance min.            | -40 °C                |
| • Tensile strength            | 55 N/cm | • Thermal conductivity x-y-<br>direction | 0.066 W/mK            |
| • Noise damping (LV312)       | Class D | • Unwind force (roll width > 9mm)        | 7.5 N/roll (30 m/min) |
| • Temperature resistance max. | 105 °C  | • Unwind force (roll width ≤ 9mm)        | 7.5 N/roll (30 m/min) |

For latest information on this product please visit <http://l.tesa.com/?ip=51606>



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### Adhesion to Values

- steel 5.5 N/cm

### Additional Information

Standard widths: 19, 25, 38 mm

Standard lengths: 7.5 m

- Most combinations of width and length are possible
- Further dimensions are available upon request
- Standard core diameter: 38 mm
- Applicable for red ring assembly aid

## Disclaimer

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