



# tesa<sup>®</sup> 51606

## Product Information



Thick PET fleece tape for high noise damping and water absorption

### Product Description

tesa<sup>®</sup> 51606 is a PET fleece tape with a rubber based adhesive.  
Color: Black

### Product Features

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

### Application Fields

tesa<sup>®</sup> 51606 is designed for applications in wire harnessing (passenger compartment) and electric vehicle battery packs.

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

### Properties/Performance Values

- |   |         |                                      |                       |
|---|---------|--------------------------------------|-----------------------|
| • Elongation at break                       | 85 %    | • Temperature resistance max.        | 105 °C                |
| • Tensile strength                          | 55 N/cm | • Temperature resistance min.        | -40 °C                |
| • Abrasion resistance (10mm mandrel, LV312) | Class D | • Thermal conductivity x-y-direction | 0.066 W/mK            |
| • Abrasion resistance (5mm mandrel, LV312)  | Class C | • Unwind force (roll width < 9mm)    | 7.5 N/roll (30 m/min) |
| • Noise damping (LV312)                     | Class D | • Unwind force (roll width > 9mm)    | 7.5 N/roll (30 m/min) |

### 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

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



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## Product Information

### Additional Information

- Further dimensions are available upon request
- Standard core diameter: 38 mm
- Applicable for red ring assembly aid

### Disclaimer

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