



tesa® 51606

Product Information



Thick PET fleece tape for high noise damping and water absorption

Product Description

tesa® 51606 is a PET fleece tape with a rubber based adhesive.

Major Features:

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

Color: Black

Application Fields

tesa® 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 | | 31.5 mils |

Properties/Performance Values

- | | | | |
|---|-------------|--------------------------------------|-----------------------|
| • Elongation at break | 85 % | • Temperature resistance max. | 105 °C |
| • Tensile strength | 55 N/cm | | 221 °F |
| | 31.4 lbs/in | • Temperature resistance min. | -40 °C |
| • Abrasion resistance (10mm mandrel, LV312) | Class D | | -40 °F |
| • Abrasion resistance (5mm mandrel, LV312) | Class C | • Thermal conductivity x-y-direction | 0.066 W/mK |
| • Noise damping (LV312) | Class D | • Unwind force (roll width < 9mm) | 7.5 N/roll (30 m/min) |
| | | • Unwind force (roll width > 9mm) | 7.5 N/roll (30 m/min) |

Adhesion to Values

- | | |
|---------|------------|
| • Steel | 5.5 N/cm |
| | 50.2 oz/in |

Additional Information

Standard widths: 19, 25, 38 mm

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



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Product Information

Additional Information

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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