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.
Color: Black

Product Features

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

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
Type of adhesive	rubber based
Total thickness	800 µm

Properties/Performance Values

Elongation at break	85 %
Tensile strength	55 N/cm
Abrasion resistance (10mm mandrel, LV312)	Class D
Abrasion resistance (5mm mandrel, LV312)	Class C
Noise damping (LV312)	Class D
Temperature resistance max.	105 °C
Temperature resistance min.	-40 °C
Thermal conductivity x-y-direction	0.066 W/mK
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

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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