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.

Properties/Performance Values

• Elongation at break	85 %	• Temperature resistance (3000h)	105 °C
• Tensile strength	55 N/cm		221 °F
	31.4 lbs/in	• Temperature resistance min.	-40 °C
• Abrasion resistance (10mm mandrel)	Class D (acc. to LV312)		-40 °F
• Abrasion resistance (5mm mandrel)	Class C (acc. to LV312)	• Thermal conductivity x-y-direction	0.066 W/mK
• Noise damping (LV312)	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
Standard lengths: 7.5 m

- Most combinations of width and length are possible
- Further dimensions are available upon request
- Standard core diameter: 38 mm

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

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Product Information

Additional Information

- Applicable for red ring assembly aid

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.

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