

tesa® 51618

PET fleece tape with rubber adhesive

tesa® 51618 is a tape for wire harness covering that is majorly applied at harnesses in the passenger compartment. It combines important features as noise dampening, abrasion resistance, and bundling strength while keeping harnesses flexible supporting an easy harness assembly process at the OEM.

tesa® 51618 is a PET fleece wire harness tape with a rubber based adhesive that is optimized for manual application.

Main features:

- Noise damping performance
- Basic abrasion resistant performance
- Flexible and smooth appearance
- Tear resistant for secure bundling of harnesses
- Stable unwind force for constant behavior when applying
- Ageing resistance performance
- Strong adhesion
- Hand-tearable for quick application
- Color: Black

Main Application

tesa® 51618 is designed to provide good noise damping and secure bundling performances on the harness. The tape is mainly applied on harnesses for the passenger compartment. The harness remains flexible after applying the tape.

Technical Data

▪ Backing material	PET fleece	▪ Temperature resistance (3000h)	105 °C
▪ Total thickness	250 µm	▪ Abrasion resistance (10mm mandrel)	Class B (acc. to LV312)
▪ Type of adhesive	rubber based	▪ Abrasion resistance (5mm mandrel)	Class A (acc. to LV312)
▪ Adhesion to steel	3 N/cm	▪ Flame resistance as composite	Class B (acc. to LV312)
▪ Elongation at break	20 %	▪ Unwind force (roll width ≤ 9mm)	4.6 N/roll (30 m/min)
▪ Tensile strength	37 N/cm	▪ Unwind force (roll width > 9mm)	9 N/roll (30 m/min)
▪ Temperature resistance min.	-40 °C	▪ Noise damping (decibel)	Class C (acc. to LV312)

Additional Information

Standard widths: 9, 19, 25, 32 mm

Standard lengths: 15, 25 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=51618>

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