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 damping, 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 Information (average values)
The values in this section should be considered representative or typical only and should not be used for specification purposes.

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

Adhesion to
- steel: 3.0 N/cm

For latest information on this product please visit
http://l.tesa.com/?ip=51618
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

Disclaimer

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