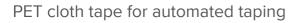


tesa® 51036 AT01

Product Information



Product Description

tesa® 51036 AT01 is a flag-resistant PET cloth wire harness tape with a solvent-free advanced acrylic adhesive. tesa® 51036 is highly resistant to flagging and ensures secure closure. It provides excellent abrasion protection of automotive harnesses and withstands high temperatures and demanding environmental conditions. It's specifically designed for semiand full-automated taping enabling higher efficiency and reduced setup times in wire harness production through high roll lengths.

Product Features

- High abrasion resistance
- High temperature resistance
- Excellent cable compatibility
- Stable unwinding force
- No fraying during unwinding
- Conformity with DIN 72036

Application Fields

- Designed for abrasion protection in engine compartments
- Optimized for semi- and full-automated taping

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

BackingType of adhesive	PET cloth acrylic	Total thickness	260 µm
Product Assortment			
Available colors	black, orange	Available formats	ROLL





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Product Information

Properties/Performance Values

•	Elongation at break	40 %
•	Tensile strength	275 N/cm
•	Abrasion resistance (10mm	Class D
	mandrel, LV312)	
•	Abrasion resistance (5mm	Class D
	mandrel, LV312)	
•	Hand tearability	no

•	Noise damping (LV312)	Class A
•	Temperature resistance max.	150 °C
•	Temperature resistance min.	-40 °C
•	Unwind force (roll width < 9mm)	11 N/roll (30 m/min)
•	Unwind force (roll width > 9mm)	11 N/roll (30 m/min)

Adhesion to Values

Steel 3 N/cm

Storage Conditions

Storage Conditions

- Storage temperature: 23 °C (+/- 2 °C)
- Storage humidity: 50 % (+/- 5 %)
- Product guarantee: tesa guarantees maximum shelf life of 12 months from date of dispatch (based on ISO 554)

Additional Information

- Standard widths: 19, 25, 38 mm
- Standard length: 140 m
- Standard core diameter: 76 mm
- Max. outer diameter: 220 mm
- Further dimensions are available upon request

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.