

Product Information

Temperature Resistant Acrylic Coated Cloth Tape

tesa® 4657 is a high-grade acrylic coated cloth tape. It is based on a 145 mesh woven cotton fabric and a thermosetting natural rubber adhesive. The acrylic cloth tape is conformable and features a high resistance to paints, solvents, abrasion, and is waterproof. The tape's high tensile strength, the puncture resistance and the adhesiveness to all kinds of substrates perform well even under elevated temperature. The acrylic coating is highly age-stable, making it very suitable for permanent applications.

tesa® 4657 is a very resilient cloth tape used for temporary and permanent hole covering in automobile production lines and masking during industrial painting processes. Handling and application is easy due to hand-tearability. The tape can be torn in straight edges along the high mesh woven fabric. Residue-free removal is possible, even after high-temperature exposure. The tape is suitable for die-cuts; it is also available in a low unwinding version (PV1) and on paper liner (PV9).

Main Application

- Various kinds of heat-resistant masking during the production of vehicles and machines, e.g. window flange, hole covering and powder coating, even repeated oven drying possible
- Partial masking during treatment with impregnating agents
- Covering of screw tap holes and drainage boreholes
- Permanent interior and exterior hole covering
- Covering of screw tap holes and drainage boreholes
- Fastening of flat cables - e.g. on roof linings, door panels, mirrors
- Splicing in reel-to-reel production

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	acrylic-coated cloth	• Tensile strength	105 N/cm
• Total thickness	290 µm	• Temperature resistance (30 min)	180 °C
• Type of adhesive	thermosetting	• Mesh	145 count per square inch
	natural rubber		
• Elongation at break	7.5 %		

Adhesion to

- steel 4.6 N/cm

Properties

• Hand tearability	●●●●	• Suitable for die cutting	Yes
• Straight tear edges	●●●●	• Certified according to	all major OEMs
• Easy to remove	Yes	• Abrasion resistance	●●●●
• Easy to write on	Yes	• Water resistance	●●●

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

Complies with LV 312-1 Dielectric strength.

tesa® 4657

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Disclaimer

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