



tesa® 4657 PV0

Product Information

Temperature Resistant Acrylic Coated Cloth Tape

Product Description

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 tape is suitable for die-cuts; it is also available in a low unwinding version (PV1) and on yellow glassine paper liner, 76 µm thick (PV9).

Product Features

- 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 cloth tape is conformable and features a high resistance to paints, solvents, abrasion, and is waterproof.
- 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.

Application Fields

- 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.

Product Construction

- | | | | |
|--------------------|------------------------------|----------------------|--------|
| • Backing material | Acrylic-coated cloth | • Total thickness | 290 µm |
| • Type of adhesive | thermosetting natural rubber | • Color of liner | yellow |
| • Type of liner | paper | • Thickness of liner | 76 µm |





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Properties/Performance Values

• Elongation at break	7.5 %	• Liner release force	0.3 N/cm
• Tensile strength	105 N/cm	• Mesh	145 per square inch
• Abrasion resistance	very good	• Straight tear edges	very good
• Easy to write on	Yes	• Temperature resistance	180 °C
• Hand tearability	very good	(removability from aluminum after 30 min exposure)	
		• Water resistance	good

Adhesion to Values

- Steel 4.6 N/cm

Additional Information

Complies with LV 312-1 Dielectric strength.

Disclaimer

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