



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).

Sustainable Aspects

- 76% bio-based content in total product excluding liner (by weight)



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.

For latest information on this product please visit <http://l.tesa.com/?ip=04657>



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Product Information

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
• Bio-based content of liner by weight (acc. EN 16785)	76 %		

Properties/Performance Values

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

Adhesion to Values

• Steel	4.6 N/cm
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Additional Information

Complies with LV 312-1 Dielectric strength.

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