



tesa[®] 4657 PV0



Product Information

Temperature resistant acrylic paste 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.

tesa[®] 4657 is a very resilient cloth tape often used for permanent hole covering in automotive applications and masking during industrial painting processes.

Features:

- removable without residues even after high temperature exposure
- very ageing-resistant (suitable for permanent applications)
- high resistance to paint solvents
- excellent tape for die-cuts, available as log roll with liner as tesa[®] 4657 PV9
- also available as low unwinding version tesa[®] 4657 PV 1
- available in 2 colours: black, grey

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

- Heat resistant masking during the production of vehicles and machines
- Window flange masking
- Even repeated oven drying possible
- Permanent interior and exterior hole covering
- Covering of screw tap holes and drainage boreholes
- Partial masking during treatment with impregnating agents
- Fastening of flat cables e.g. on roof linings, door panels, mirrors

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



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Application Fields

- Masking during electrostatic powder coating

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	• Colour 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

Additional Information

- Complies with LV 312-1 Dielectric strength.
- PV0: Standard version heavy unwinding, fine paintability
- PV1: Easy unwinding of roll, moderate paintability
- PV9: Same as PV0 , comes with a yellow paper liner (76 µm, single-sided siliconsized)



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