



tesa® 4657

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.

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 (allowing 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 colors: black, grey

Sustainable Aspects

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



For more information: <https://www.tesa.com/product-sustainability>

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.

Applications

- 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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Applications

- 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.

Applications

• Backing	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 threads/inch ²
• Tensile strength	105 N/cm	• Straight tear edge	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
• 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.

Disclaimer

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