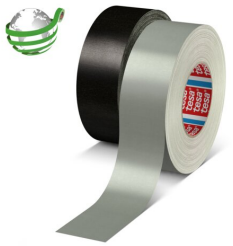
tesa® 4657 PV0



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 thermo-setting natural rubber adhesive.

The tape is suitable for die-cuts and is used in Automotive market for hole-covering; The standard version is PV0, and it is also available in a low unwinding version PV1 and on yellow glassine paper liner, 76 µm thick (PV9).

Sustainable Aspects

- 77% bio-based carbon content (DIN EN 16640)

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.
- Low VOC according to VDA 278 analysis

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

For latest information on this product please visit http://l.tesa.com/?ip=4657

tesa® 4657 PV0

Product Information

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
- Type of adhesive: thermosetting natural rubber
- Type of liner: paper
- Bio-based carbon content (DIN EN 16640): 77 %
- Total thickness: 290 µm
- Colour of liner: yellow
- Thickness of liner: 76 µm

Properties/Performance Values

- Elongation at break: 7.5 %
- Tensile strength: 105 N/cm
- Abrasion resistance: very good
- Easy to write on: yes
- Hand tearability: very good
- Liner release force: 0.3 N/cm
- Mesh: 145 threads/inch^2
- Straight tear edges: very good
- Temperature resistance (removability from aluminum after 30 min exposure): 180 °C
- Water resistance: good

Adhesion to Values

- steel: 4.6 N/cm

Certificates

Certified according to
- all major OEMs

Additional Information

- Complies with LV 312-1 Dialectric 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)

tesa® 4657 PV0

Product Information

Disclaimer

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