

tesa® 4657

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

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**

Total thickness **290 µm**
Type of liner **paper**

Properties/Performance Values

Elongation at break **7.5 %**
Tensile strength **105 N/cm**

Easy to write on **Yes**
Hand tearability **very good**

Adhesion to Values

Steel **4.6 N/cm**

