



tesa® 4651

Product Information



Premium Acrylic Coated Colored Cloth Tape

Product Description

tesa® 4651 is a robust, high-quality, acrylic coated cloth tape. It is based on a 145 mesh woven rayon fabric backing and a natural rubber adhesive. The cloth tape is conformable and features excellent abrasion resistance, high tensile strength, as well as a very high adhesiveness to multiple, even rough surfaces. The tape's high tack and short dwell time ensure a fast application and reliable adhesion only shortly after having been applied. The tape is hand-tearable and can be torn with precise and straight edges longitudinally and horizontally. tesa® 4651 offers exceptionally high abrasion resistance, water resistance, and can withstand temperatures of up to 130°C for short term after which it can be removed without residues. Strong cloth tape tesa® 4651 is usable for a wide range of applications in various industries. Black and blue is also available with paper liner as jumbo roll (tesa® 4651 PV9).

Sustainable Aspects



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

Product Features

- The cloth tape is conformable and features excellent abrasion resistance, high tensile strength, as well as a very high adhesiveness to multiple, even rough surfaces.
- The tape's high tack and short dwell time ensure a fast application and reliable adhesion only shortly after having been applied.
- The tape is hand-tearable and can be torn with precise and straight edges longitudinally and horizontally.
- tesa® 4651 offers exceptionally high abrasion resistance, water resistance, and can withstand temperatures of up to 130°C for short term after which it can be removed without residues.
- Strong cloth tape tesa® 4651 is usable for a wide range of applications in various industries.

Application Fields

- Masking while sandblasting, coating, paint spraying, etc.
- Bundling and reinforcing of freight, such as pipes or profiles
- Labeling, color coding or marking of wires, cables, etc
- Permanent sealing of pipe joints, tins and tubes
- Securing of sharp edges
- Fixing and insulating of wires



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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	Acrylic-coated cloth	• Total thickness	310 µm
• Type of adhesive	natural rubber		12.2 mils
• Type of liner	paper	• Color of liner	yellow
• Bio-based content of liner by weight (acc. EN 16785)	68 %	• Thickness of liner	76 µm 3 mils

Product Assortment

• Regional Assortment	yes
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Properties/Performance Values

• Elongation at break	13 %	• Mesh	145 threads/inch ²
• Tensile strength	100 N/cm 57.1 lbs/in	• Straight tear edge	very good
• Abrasion resistance	very good	• Temperature resistance (removability from aluminum after 30 min exposure)	130 °C 266 °F
• Easy to write on	yes	• Water resistance	good
• Hand tearability	very good		

Adhesion to Values

• Steel	3.3 N/cm 30.1 oz/in
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Additional Information

Complies with LV 312-1 Dielectric strength.

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.