

Technical data sheet



Product: 4651

Manufacturer: TESA SE

Product group: KLEBEBAND

Article group: EINSEITIG

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TESABAND 4651

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tesa[®] 4651 Premium

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 product is also available with paper liner in jumbo-roll format (tesa[®] 4651 PV9).

Sustainable Aspects

- 68% bio-based content in total product excluding liner (by weight)

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 can be torn manually with precise and straight edges longitudinally and horizontally.
- Classification according FMVSS302: SE/NBR*

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

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

- | | | | |
|--|----------------------|----------------------|--------|
| • Type of liner | paper | • Total thickness | 310 µm |
| • Total sustainable product content excl. liners | 68 % | • Color of liner | yellow |
| • Total sustainable product excl. liners by weight (acc. EN 16785) | | • Thickness of liner | 76 µm |
| • Backing material | Acrylic-coated cloth | | |
| • Type of adhesive | natural rubber | | |



tesa[®] 4651 Premium

Product Information

Properties/Performance Values

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

Adhesion to Values

- Steel 3.3 N/cm

Additional Information

*self-extinguishing / no burn rate according FMVSS 302 tested as composite with a non-inflammable material

Complies with LV 312-1 Dielectric strength

The following RAL-Codes reflect our product coloring:

- RAL 9005 Black - tesa color code: 04
- RAL 9010 White - tesa color code: 08
- RAL 7000 Gray - tesa color code: 55
- RAL 1016 Yellow - tesa color code: 17
- RAL 3000 Red - tesa color code: 19
- RAL 5015 Blue - tesa color code: 11
- RAL 6018 Green - tesa color code: 37
- RAL 8003 Brown - tesa color code: 45

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.

For latest information on this product please visit <http://l.tesa.com/?ip=04651>