

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

Sustainable Aspects

- 72% bio-based carbon content (DIN EN 16640)



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 can be torn manually with precise and straight edges longitudinally and horizontally.**
- Classification according FMVSS302: SE/NBR
- Low VOC according to VDA 278 analysis

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

• Backing	Acrylic-coated cloth	• Total thickness	310 µm
• Type of adhesive	natural rubber	• Color of liner	yellow
• Type of liner	paper	• Thickness of liner	76 µm
• Bio-based carbon content (DIN EN 16640)	72 %		

For latest information on this product please visit <http://l.tesa.com/?ip=4651>

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Properties/Performance Values

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

In the following list you can find the RAL-Codes as reference for the colors of tesa® 4651:

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

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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.



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