



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

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



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.**
- Classification² according FMVSS302: SE/NBR1

¹ Test

² Test

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



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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
• Total sustainable product excl. liners by weight (acc. EN 16785)	68 %		

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 after 30 min exposure)	
• Hand tearability	very good	• Water resistance	good

Adhesion to Values

• Steel	3.3 N/cm
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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

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



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Disclaimer

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