



tesa[®] 4651 Premium



Product Information

Premium colored cloth tape

Product Description

tesa[®] 4651 is a powerful high quality acrylic coated cloth tape. It is based on a 148 mesh woven rayon fabric backing and a natural rubber adhesive.

tesa[®] 4651 is a very strong cloth tape for almost every application.

Features:

- high adhesion even on rough surfaces
- excellent tensile strength
- straight tear edges longitudinal and horizontal
- easy to write on
- conformable
- available in 8 colours: black, white, grey, yellow, blue, red, green, brown

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.
- Classification according FMVSS302: SE/NBR*

Application Fields

- Indoor and outdoor applications
- High demanding applications
- Fixing, bundling, repairing, marking etc.
- Permanent sealing of pipes
- Securing of sharp edges
- Sandblasting

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



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

Properties/Performance Values

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

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