

tesa® 5012

Product Information



Expert Masking Tape with High Adhesion up to 248°F (120°C)

Product Description

tesa® 5012 is a specialized masking tape coming with high temperature resistance featuring a fine and durable crepe paper backing in bright green, complemented by a natural rubber adhesive. This expert masking tape is well-suited for spray painting including elevated drying temperatures as well as various general-purpose applications including holding, sealing, fixing, and color coding. It offers temperature resistance up to 248°F (120°C) for one hour, making it ideal for subsequent oven drying processes with elevated temperatures. It is hand-tearable, easy to remove and resistant to wet sanding. The Expert Masking Tape is recommended for transportation sectors such as marine, train, truck and various others where a strong adhesion and durability is required to hold large and heavy masks. It comes with strong tear resistance to prevent backing shredding for one-piece-removal.

Sustainable Aspects



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

Product Features

- The bright and robust green crepe paper backing ensures excellent visibility, good conformability and clean paint edges. It is durable and robust for high tear resistance upon removal.
- The natural rubber adhesive system features good adhesion to multiple surfaces as well as a good tack.
- The expert masking tape offers high temperature resistance up to 248°F (120°C) for 60 minutes or 266°F (130°C) for 30 minutes, excellent paint anchorage and clean removal.
- It provides outdoor usability for up to three days.

Application Fields

- tesa® 5012 is suitable for spray painting with high drying temperatures and all kind of multi-purpose masking applications.
- It provides temperature resistance up to 248°F (120°C) for one hour and is suitable for subsequent oven drying, up to 3 cycles at 248°F (120°C) for 40 min.
- Finger friendly, smooth and hand-tearable paper backing with excellent conformability.
- High tear resistance and residue free removal after cooling down of substrates.
- Up to 3 days outdoor resistance or 30 days indoor use.
- Excellent paint adherence and adhesion on backing.

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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	slightly-creped paper	• Bio-based content	54 %
• Type of adhesive	natural rubber	• Total thickness	160 µm 6.3 mils

Properties/Performance Values

• Elongation at break	12 %	• Sharp color edge	yes
• Tensile strength	49 N/cm 28 lbs/in	• Solvent free	yes
• Easy to remove	yes	• Temperature resistance (30 min)	130 °C 266 °F
• Hand tearability	very good	• Temperature resistance (60 min)	120 °C 248 °F
• Paint anchorage	very good	• UV-resistance	3 days
• Residue-free removable after...	30 days		
days			

Adhesion to Values

• Steel	4 N/cm 36.5 oz/in
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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.



For latest information on this product please visit <http://l.tesa.com/?ip=5012PV0>