



tesa® 4432

Product Information



Special Masking Tape for Sandblasting Applications

Product Description

tesa® 4432 is a special and durable flatback paper masking tape with a strong natural rubber adhesive. Due to the strong adhesive tesa® 4432 is ideally for splicing and reinforcing applications and the resistant paper backing makes the tape especially suitable as a stencil material for sandblasting glass, mirrors, and stone with the durability of 6 sec./4 bar. tesa® 4432 can also be laminated to the back of mirrors serving as shatterproof safety tape and meets the requirement according to DIN EN 12600. The flatback paper masking tape features excellent adhesive properties on different substrates, good plottability, great paint anchorage, hand tearability and resistance to temperatures of up to 100°C.

Sustainable Aspects



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

Application Fields

- tesa® 4432 is a special, durable tape used for splicing and reinforcing applications
- The tape is suitable as stencil for sandblasting glass, mirrors, and stone with the durability of 6 sec./4 bar
- tesa® 4432 features good plottability, great paint anchorage, hand tearability and resistance to temperatures up to 100°C
- The masking tape can be used as shatterproof safety tape, meeting the requirement according to DIN EN 12600

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 | flat paper | • Total thickness | 330 µm |
| • Type of adhesive | natural rubber | | 13 mils |

Properties/Performance Values

- | | | | |
|-----------------------|-------------|-----------------------------------|--------|
| • Elongation at break | 6 % | • Temperature resistance (30 min) | 120 °C |
| • Tensile strength | 93 N/cm | | 248 °F |
| | 53.1 lbs/in | • Temperature resistance (60 min) | 100 °C |
| • Hand tearability | good | | 212 °F |



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Adhesion to Values

- Steel 8 N/cm
73.1 oz/in

Additional Information

The strong adhesion allows fixing warp threads in weaving mills and fixing textiles on sample-cards, as well as further applications like reinforcing, belting and splicing.

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=04432>