



tesa® 4434

Product Information



Stencil Material for Sandblasting, Protection and Reinforcement

Product Description

tesa® 4434 is comprised of a strong, flat paper backing and natural rubber adhesive system. The tape features excellent adhesiveness, a high tack, and good quick stick. The tape also offers excellent plottability and paint anchorage. The strong, thick, and resistant paper backing has been developed for manual cutting. Due to its extreme resistance, tesa® 4434 is mainly used as a protective material for grinding in workshops, and base pads on tables during die-cutting in the shoe, leather, and metal-working industries, and other protection works. The tape is also ideal as stencil material for sandblasting applications.

Sustainable Aspects



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

Application Fields

- tesa® 4434 is ideal for the protection of car parts during professional lacquering work
- The flatback paper tape offers perfect adhesion even on difficult surfaces and is suitable for reinforcement of uppers
- tesa® 4434 is also used as stencil material for sandblasting on objects such as tombstones and monuments
- The tape can be used as a protective material for grinding in workshops, for base pads, or in other industrial protection works

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 | 670 µm |
| • Type of adhesive | natural rubber | | 26.4 mils |

Properties/Performance Values

- | | | | |
|-----------------------|--------------|-----------------------------------|--------|
| • Elongation at break | 6 % | • Hand tearability | medium |
| • Tensile strength | 180 N/cm | • Temperature resistance (30 min) | 120 °C |
| | 102.8 lbs/in | | 248 °F |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 3.5 N/cm |
| | 32 oz/in |

For latest information on this product please visit <http://l.tesa.com/?ip=04434>



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Additional Information

The stencil material tesa® 4434 is used for sandblasting on tombstones and monuments, for covering serial plates during rust removal on steel vessels, and for masking during sandblasting in bridge and machinery constructions.

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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