



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.

Product Features

- Strong and thick paper backing for very good durability during grinding or sandblasting applications (50 sec./4bar)
- Excellent plottability, paint anchorage and resistance to temperatures up to 100°C
- Good adhesion to various surfaces, clean removal

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) | 100 °C |
| | 102.8 lbs/in | | 212 °F |

Adhesion to Values

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

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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

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