

product information

Flatback Paper Masking Tape for Splicing, Sandblasting and Shatterproof Safety Applications

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 suitable for splicing and reinforcing applications. The resistant paper backing makes the tape especially useful as a stencil material for sandblasting glass, mirrors and stone with a 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.

Main Application

- tesa® 4432 is a special, durable tape used for splicing and reinforcing applications
- The tape is suitable as a stencil for sandblasting glass, mirrors and stone with a 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.

Technical Data

• Backing material	flat paper	• Elongation at break	6 %
• Total thickness	330 µm	• Tensile strength	93 N/cm
• Type of adhesive	natural rubber	• Temperature resistance	100 °C

Adhesion to

- steel 8.0 N/cm

Properties

• Hand tearability	●●●	• Paint anchorage	●●●●●
• Plottability	●●●	• Sharp colour edge	●●●
• Suitable for sandblasting	●●●	• Conformability	●●

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

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

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Disclaimer

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