

tesa® 50600 Standard



Product Information

PET Masking Tape 220°C with Silicone Adhesive

tesa® 50600 is a green-translucent, high-temperature masking tape featuring a polyester backing with a silicone adhesive. tesa® 50600 is used for various applications, especially for masking during powder-coating processes, surface protection applications or bonding and splicing of non-polar materials. tesa® 50600 masking tape is also available in a version with a liner.

Features

- tesa® 50600 is also available on a special 50 µm thick PET liner (50600 PV1)
- Residue-free removability for masking and surface protection applications
- The high-temperature tape features easy application and easy one-piece removal without leaving residues behind
- The tape enables sharp color edges and offers excellent paint anchorage.
- The masking tape's silicone adhesive system makes the tape extremely heat-resistant, withstanding extreme temperatures of up to 220°C for as long as 30 minutes at a time.

Main Application

- tesa® 50600 is ideally suited for masking off areas that are to be protected during powder-coating processes
- The high-temperature tape can withstand temperatures of up to 220°C for 30 minutes
- tesa® 50600 is used for surface protection applications or bonding and splicing of non-polar materials
- The masking tape features residue-free removal

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 | PET film | • Elongation at break | 110 % |
| • Total thickness | 80 µm | • Tensile strength | 75 N/cm |
| • Type of adhesive | silicone | • Temperature resistance | 220 °C |

Adhesion to

- steel 4.0 N/cm

Properties

- | | | | |
|--------------------|------|--------------------|------|
| • Hand tearability | ● | • Sharp color edge | ●●●● |
| • Easy to remove | Yes | • Conformability | ●● |
| • Paint anchorage | ●●●● | | |

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

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