



# tesa® 4331

## Product Information



### PET Masking Tape 200°C

#### Product Description

tesa® 4331 is a white, high-temperature masking tape featuring a polyester/non-woven backing with a silicone adhesive. The high-temperature tape is used for various applications, especially for masking during powder-coating processes. tesa® 4331 features easy application and easy one-piece removal without leaving residues behind.

#### Product Features

- 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 200°C for as long as 30 minutes at a time.
- Residue-free removability for masking applications
- High adhesion for secure bonding, even adheres to surfaces containing silicone

#### Application Fields

- tesa® 4331 is recommended for masking off areas that are to be protected during high-stress electrostatic powder-coating processes
- The high-temperature tape can withstand temperatures of up to 200°C for 30 minutes
- tesa® 4331 can be used for masking during wave soldering, e.g. circuit board assembly
- 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.

#### Product Construction

- |                    |                 |                   |        |
|--------------------|-----------------|-------------------|--------|
| • Backing          | PET / non-woven | • Total thickness | 110 µm |
| • Type of adhesive | silicone        |                   |        |

#### Properties/Performance Values

- |                       |         |                                   |        |
|-----------------------|---------|-----------------------------------|--------|
| • Elongation at break | 100 %   | • Hand tearability                | low    |
| • Tensile strength    | 53 N/cm | • Temperature resistance (30 min) | 200 °C |
| • Easy to remove      | yes     | • Temperature resistance (60 min) | 200 °C |

#### Adhesion to Values

- |         |        |
|---------|--------|
| • Steel | 4 N/cm |
|---------|--------|



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For latest information on this product please visit <http://l.tesa.com/?ip=04331>