



tesa® 4331

Product Information



High temperature masking tape

Product Description

tesa® 4331 is an extremely temperature resistant, flat back masking which offers the following qualities:

- strong adhesion and high thermal resistance
- achieves border-sharp coverage result
- removal without residues

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

- Masking during high stress electrostatic powder coating
- Steel furniture and hospital equipment
- tesa® 4331 sticks even to surface containing silicone

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 | | 4.3 mils |

Properties/Performance Values

- | | | | |
|-----------------------|------------------------|-----------------------------------|------------------|
| • Elongation at break | 100 % | • Hand tearability | low |
| • Tensile strength | 53 N/cm
30.3 lbs/in | • Temperature resistance (30 min) | 200 °C
392 °F |
| • Easy to remove | yes | | |

Adhesion to Values

- | | |
|---------|----------------------|
| • Steel | 4 N/cm
36.5 oz/in |
|---------|----------------------|

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