

tesa® 50650

Product Information



PET Masking Tape 220°C with Silicone Adhesive

Product Description

tesa® 50650 is a conformable, blue-translucent, high-temperature masking tape featuring a polyester backing with a silicone adhesive. tesa® 50650 is used for various applications, especially for masking during powder-coating processes, surface protection applications and bonding of non-polar materials. 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.

Product Features

- High temperature resistance (up to 220°C for 30 minutes)
- Residue-free removability for masking and surface protection applications
- Good conformability, thin backing for sharp color edges
- The high-temperature tape features easy application and easy one-piece removal without leaving residues behind.
- The thin tape conforms well around irregular shapes, enables sharp color edges and offers excellent paint anchorage.

Application Fields

- tesa® 50650 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® 50650 can be used for surface protection applications
- 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 | PETP | • Total thickness | 55 µm |
| • Type of adhesive | silicone | | |

Properties/Performance Values

- | | | | |
|-----------------------|---------|--------------------|-----|
| • Elongation at break | 120 % | • Easy to remove | yes |
| • Tensile strength | 50 N/cm | • Hand tearability | low |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 3.3 N/cm |
|---------|----------|



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