

tesa® 50650 Conformable



Product Information

Blue polyester/silicone masking tape

tesa® 50650 is a 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 thin tape conforms well around irregular shapes, 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. The high-temperature tape features easy application and easy one-piece removal without leaving residues behind.

Benefits:

- 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

Main Application

- 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.

Technical Data

- | | | | |
|--------------------|----------|--------------------------|---------|
| • Backing material | PETP | • Elongation at break | 120 % |
| • Total thickness | 55 µm | • Tensile strength | 50 N/cm |
| • Type of adhesive | silicone | • Temperature resistance | 220 °C |

Adhesion to

- steel 3.3 N/cm

Properties

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

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

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