



tesa® 50625

Product Information



PET Masking Tape 200°C with Silicone Adhesive

Product Description

tesa® 50625 is a blue-translucent basic powder coating tape which is highly conformable featuring a polyester backing with a silicone adhesive. tesa® 50625 is used for various applications, especially for masking during powder-coating processes, surface protection applications and bonding of non-polar materials.

Product Features

- Residue-free removability for masking and surface protection applications
- Good conformability, thin backing for sharp color edges
- The masking tape's silicone adhesive system makes the tape heat-resistant, withstanding temperatures of up to 200°C for as long as 30 minutes at a time

Application Fields

- tesa® 50625 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 200°C for 30 minutes
- tesa® 50625 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 | PET | • Total thickness | 50 µm |
| • Type of adhesive | silicone | | |

Properties/Performance Values

- | | | | |
|--------------------------------|---------|-----------------------------------|--------|
| • Elongation at break | 130 % | • Hand tearability | no |
| • Tensile strength | 50 N/cm | • Paint anchorage | good |
| • Conformability | yes | • Sharp color edge | yes |
| • Dielectric breakdown voltage | 4000 V | • Temperature resistance (30 min) | 200 °C |
| • Easy to remove | yes | | |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 3.2 N/cm |
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