

tesa® 50680

Product Information

Transparent polyester / silicone tape

Product Description

tesa® 50680 is a transparent, high-temperature masking tape featuring a polyester backing with a silicone adhesive. tesa® 50680 serves as shatterproof safety tape and is used for various other applications, such as masking during powder-coating processes, surface protection applications or 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. The high-temperature tape features easy application and easy one-piece removal without leaving residues behind. tesa® 50680 masking tape is also available in a version with a liner.

Benefits:

- High temperature resistance (up to 220°C for 30 minutes)
- Residue-free removability for masking and surface protection applications
- tesa® 50680 is also available on a special 50µm thick PET liner (50680 PV1)

Application Fields

- tesa® 50680 can be used as shatterproof safety tape and for surface protection applications
- The high-temperature tape is used for masking off areas that are to be protected during powder-coating processes
- tesa® 50680 can withstand temperatures of up to 220°C for 30 minutes
- 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 | 80 µm |
| • Type of adhesive | silicone | | |

Properties/Performance Values

- | | | | |
|-----------------------|---------|--------------------|-----|
| • Elongation at break | 110 % | • Easy to remove | yes |
| • Tensile strength | 75 N/cm | • Hand tearability | low |

Adhesion to Values

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

tesa® 50680

Product Information

Disclaimer

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



For latest information on this product please visit <http://l.tesa.com/?ip=50680>