



tesa® 51108

Product Information



High temperature PET masking film

Product Description

tesa® 51108 combines a polyester backing and a thermosetting adhesive to reach the optimal performance for high quality painting applications.

The temperature resistance and the high tensile strength of 51108 provide are ideal for two-tone painting on bodywork, especially if long straight lines are required.

- the PET-Film allows tear-free removal after drying
- removable without leaving any residues

Product Features

- Thin PET film for straight and thin paint lines
- High tensile strength for easy demasking without the tape tearing
- Residue-free removal up to 150°C/1h
- Due to the low thickness of 54 µm, the tape creates extra sharp paint lines
- The temperature resistance of up to 150°C/1h and the high tensile strength provide an ideal usage for two-tone painting on car bodies at the automotive OEM or on bumpers at OES, especially if long straight lines are required.

Application Fields

tesa® 51108 is suitable for various types of masking applications.

Example applications are:

- Two-tone painting at temperatures up to 150°C/1h
- Masking of straight lines on car bodies or bumpers

To ensure the highest performance possible, our aim is to fully understand your application (including the substrates involved) in order to provide the right product recommendation.

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 material | PET film | • Total thickness | 54 µm |
| • Type of adhesive | natural rubber | | |



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Properties/Performance Values

- | | | | |
|-----------------------|---------|----------------------------|-----------|
| • Elongation at break | 120 % | • Flame retardance | very good |
| • Tensile strength | 47 N/cm | • Suitable for die cutting | yes |
| • Easy to remove | yes | | |

Adhesion to Values

- | | |
|---------|----------|
| • steel | 3.3 N/cm |
|---------|----------|

Additional Information

To prevent adhesive picking at the edges, which can lead to problems in the paint process, the material has to be stored in original packaging and in a clean and particle free environment.

Disclaimer

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