

tesa® 50555

Product Information



High-temperature fineline tape for design painting in the automotive paint shop

Product Description

tesa® 50555 is a flexible, high-temperature-resistant PVC fineline masking tape with an acrylic adhesive. It is engineered for 2-tone masking applications during OEM paint shop processes. The acrylic adhesive is a suitable alternative for very demanding paint systems, sensitive to ghosting or yellowing.

The soft PVC backing enables reliable application on narrow contours and curved surfaces.

To support efficient processing, both standardized and customized applicators are available.

Product Features

- Residue-free removal on very demanding painted and non-painted substrates
- Temperature resistance up to 160°C/60 min
- Excellent conformability for multidimensional surfaces

Application Fields

Suitable for various types of masking applications, e.g.:

- 2-tone painting with high oven temperatures in automotive paint shops
- Masking for fine and exact color split lines
- Masking applications in narrow curves and difficult 3D shapes
- Especially developed for very demanding paint systems

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 | PVC film | • Total thickness | 120 µm |
| • Type of adhesive | acrylic | | |

Properties/Performance Values

- | | | | |
|--------------------|---------|-----------------------------------|-----------|
| • Tensile strength | 30 N/cm | • Sharp color edge | very good |
| • Easy to remove | yes | • Suitable for die cutting | yes |
| • Hand tearability | good | • Temperature resistance (60 min) | 160 °C |
| • Paint anchorage | yes | | |

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Adhesion to Values

- Steel 1.8 N/cm

Additional Information

- Applicators available for high application efficiency

Disclaimer

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