

tesa® 4174

Product Information



Fineline tape for design painting in the automotive paint shop

Product Description

tesa® 4174 is a flexible, medium-temperature-resistant PVC fineline tape with a natural rubber adhesive. It is engineered for 2-tone masking applications during OEM paint shop processes. This tape enables precise and fine split lines in visible areas, such as the inner side of the roof frame. 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 painted and non-painted substrates
- Temperature resistance up to 150°C/60 min
- Excellent conformability for multidimensional surfaces

Application Fields

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

- 2-tone painting with medium oven temperatures in automotive paint shops
- Non-painted substrates like bumpers
- Masking for fine and exact color split lines
- Masking applications in narrow curves and difficult 3D shapes

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 | 110 µm |
| • Type of adhesive | natural rubber | | |

Properties/Performance Values

- | | | | |
|--------------------|---------|-----------------------------------|--------|
| • Tensile strength | 25 N/cm | • Sharp color edge | yes |
| • Easy to remove | yes | • Suitable for die cutting | yes |
| • Paint anchorage | yes | • Temperature resistance (60 min) | 150 °C |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 3.7 N/cm |
|---------|----------|

Additional Information

- Small width (<10mm): adhesion to steel = 2,4N/cm.
- Available for converting and die-cutting with a paper liner (PV4): adhesion to steel = 4,4N/cm

For latest information on this product please visit <http://l.tesa.com/?ip=4174>

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Additional Information

- Die cuts available as tesa[®] 54174
- Applicators available for high application efficiency
- Available as RollMasker (tape+film combination) for large area applications

Disclaimer

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