

tesa® 4216

Product Information



Low-temperature fineline tape for design painting and surface protection in the automotive industry

Product Description

tesa® 4216 is a thin and flexible, PVC-free fineline tape with an acrylic adhesive and is designed for two-tone car body applications during OEM paint shop processes. The low thickness helps to give fine and exact color split lines in visible areas, such as the inner side of the car roof frame.

The soft backing of tesa® 4216 allows the tape to be applied on narrow shapes or curves. With a temperature resistance of 80°C/1h, tesa® 4216 can also withstand low temperature paint shops, can be used for wet-demasking processes or as surface protection tape.

Standardized and customized applicators for tesa® 4216 are available to ensure efficient tape application.

Product Features

- Low temperature resistance for inline paint shop processes or wet demasking
- Thin design for visible edge line applications
- Good conformability with multidimensional surfaces
- Residue-free removal
- Applicators available for high application efficiency

Application Fields

tesa® 4216 is suitable for various types of masking applications.

Example applications are:

- Two-tone painting at low temperatures or for wet-demasking in automotive paint shops
- Masking for highly visible edge lines
- Masking applications in narrow curves

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.

tesa® 4216

Product Information

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 | PE film | • Total thickness | 105 µm |
| • Type of adhesive | acrylic | | |

Properties/Performance Values

- | | | | |
|--------------------------------|-----------|-----------------------------------|----------|
| • Tensile strength | 17.5 N/cm | • Suitable for die cutting | yes |
| • Easy to remove | yes | • Temperature resistance | low |
| • Hand tearability | good | • Temperature resistance (60 min) | 80 °C |
| • Material of masking coverage | HDPE | • Thickness of masking coverage | _NULL µm |
| • Sharp color edge | very good | | |

Adhesion to Values

- | | |
|---------|----------|
| • Steel | 2.5 N/cm |
|---------|----------|

Additional Information

Converted rolls from logrolls must have a minimum width of 50 mm.

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=4216>