



tesa® 7140

Product Information



Efficient overmasking solution for automotive two-tone painting at high temperatures

Product Description

tesa® 7140 Roll Masker is a combination of tesa® 7140 fineline tape and tesa® 4380 PV3 high temperature film for large area masking during two-tone car painting in the paint shop at automotive OEMs.

The combination of tape and film reduces process times and material waste at the OEM compared to a stand-alone filmic hood. It ensures efficient and reliable masking application with a maximum temperature resistance of up to 170°C/1h, thus allowing dry demasking processes.

Standardized and customized applicators for tesa® 7140 Roll Masker are available to ensure efficient tape application.

Main features:

- Highly temperature resistant material up to 170°C
- High tear resistant tape to avoid tearing during demasking
- Risk of overspray and paint deformation are eliminated through static film loading

Application Fields

tesa® 7140 Roll Masker is suitable for high temperature two-tone car body masking.

Example applications are:

- * Two-tone car body painting
- * Two-tone inline masking
- * Masking with dry demasking processes
- * Large area masking at high drying temperatures
- * Efficient overmasking

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[®] 7140

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 material | PVC film | • Total thickness | 168 µm |
| • Type of adhesive | natural rubber | | |

Properties/Performance Values

- | | | | |
|--------------------------------|---------|---------------------------------|--------|
| • Tensile strength | 73 N/cm | • Temperature resistance | 170 °C |
| • Material of masking coverage | HDPE | • Thickness of masking coverage | 30 µm |

Adhesion to Values

- | | |
|---------|--------|
| • steel | 4 N/cm |
|---------|--------|

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=07140>