

# tesa<sup>®</sup> 7140 PV3



## Product Information

Flange masking tape in the automotive industry

### Product Description

tesa<sup>®</sup> 7140 PV3 is a very-high-temperature-resistant laminate of PVC and PET films, combining the key benefits of both materials: the PVC layer ensures excellent paint adhesion and flexibility, while the PET layer provides high tensile strength. These properties make it ideal for masking window flange areas in automotive painting processes. This tape enables direct bonding of window panes to e-coated surfaces without the need for primers or additional surface treatments.

### Product Features

- Residue-free removal on e-coat and painted substrates
- Temperature resistance up to 170°C/40min
- Smooth demasking without tape tearing

### Application Fields

Especially developed for window flange masking in the automotive industry (e.g. windshield, sunroof)

Also 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

### 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 | 181 µm |
| • Type of adhesive | natural rubber |                   |        |

### Properties/Performance Values

- |                    |          |                                   |        |
|--------------------|----------|-----------------------------------|--------|
| • Tensile strength | 140 N/cm | • Sharp color edge                | yes    |
| • Easy to remove   | yes      | • Suitable for die cutting        | yes    |
| • Paint anchorage  | yes      | • Temperature resistance (30 min) | 170 °C |

### Adhesion to Values

- |         |        |
|---------|--------|
| • Steel | 4 N/cm |
|---------|--------|

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## Product Information

### Additional Information

- Suitable for manual application, hand applicators and fully automated robot dispensers with spools. The best-before-date for spools is max.12 months under recommended storage conditions
- Applicators available for high application efficiency
- Suitable for converting and die-cutting
- Available as RollMasker (tape+film combination) for large area applications

## Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=7140>