

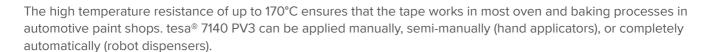
tesa® 7140 PV3

Product Information

Flange masking tape in the automotive industry

Product Description

tesa® 7140 PV3 consists of a laminate of PVC film with a PET film. It combines the preferred features of both materials: The PVC film ensures high paint adhesion to the backing and increases the flexibility of the tape, while the use of the PET layer results in a high tensile strength. These properties are important in the automotive industry, as they allow the masking of window flange areas prior to paint processes, thus eliminating the need for additional surface treatment steps (such as primer) during the application of the window panes. Instead, the window pane can be directly bonded to the e-coated window flange area.



Product Features

- PET layer allows smooth demasking without the tape tearing
- PVC layer for high paint adhesion to avoid overspray in window flange areas
- High temperature resistance up to 170°C/1h for most paint shop processes
- tesa® 7140 PV3 is highly compatible with all relevant e-coats/fillers and window glues.

Application Fields

tesa® 7140 PV3 is suitable for window flange masking in the automotive industry (e.g. windshield, sunroof).

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 thickne	ess 181 μm
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Type of adhesive natural rubber

Properties/Performance Values

•	Tensile strength	140 N/cm	•	Hand tearability	no	
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Easy to remove yes
Temperature resistance very good



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Product Information

Adhesion to Values

• Steel 4 N/cm

Additional Information

The product design of tesa® 7140 PV3 allows convenient application both by hand and robot and is also suitable for converting and die-cutting. In case of fully automatic applications the best-before-date for spools is max. 12 months under recommended storage conditions.

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.

