

tesa® 7140 PV3

Flange masking tape in the automotive industry

tesa® 7140 is a laminate of a PVC film and a PET film, thus providing both durability and high tensile strength. When bonding different types of surfaces (glass, metal, plastics), clearly defined surface properties are essential for reliable adhesion. Masking flange areas prior to paint processes is best practice to enable the later on applied adhesive to bond directly to the e-coated surface, thus ensuring bonding reliability and eliminating the need for additional surface treatment steps.

tesa® 7140 is compatible with common e-coats/fillers and structural liquid adhesives.

Main Application

Masking tape for flange masking applications

Technical Data

▪ Backing material	PVC film	▪ Elongation at break	130 %
▪ Total thickness	181 µm	▪ Tensile strength	100 N/cm
▪ Type of adhesive	natural rubber	▪ Temperature resistance	170 °C
▪ Adhesion to steel	4 N/cm		

Properties

▪ Easy to remove	yes	▪ Paint anchorage	●●●●
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Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

Additional Information

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

For latest information on this product please visit <http://l.tesa.com/?ip=07140>

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