



# tesa® 7140

## Product Information



### Flange masking tape in the automotive industry

#### Product Description

tesa® 7140 consists of a laminate of PVC film with a PET film. It combines the durability of a PVC film and the high tensile modulus of a PET film.

This product allows applying the window panes directly to the e-coated window flange area without using any primer. 7140 is highly compatible with all relevant e-coats/ fillers and window glues. After demasking, the panes can be applied directly on the e-coat without any pretreatment of the surface.

#### 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 PV0 is highly compatible with all relevant e-coats/fillers and window glues.

#### Application Fields

Masking tape for wide range of flange masking requirements

#### 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 | 168 µm |
| • Type of adhesive | natural rubber |                   |        |

#### Properties/Performance Values

- |                       |         |                  |     |
|-----------------------|---------|------------------|-----|
| • Elongation at break | 130 %   | • Easy to remove | yes |
| • Tensile strength    | 73 N/cm |                  |     |

#### Adhesion to Values

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



# tesa® 7140

## Product Information

### Additional Information

The product design of tesa® 7140 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.



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