



# tesa<sup>®</sup> 75013

## Low VOC



### Product Information

130 µm/5.11 mils double-sided, tackified acrylic adhesive tape with PET scrim for mounting and lamination applications in automotive interiors

### Product Description

tesa<sup>®</sup> 75013 is a conformable, tackified acrylic adhesive tape with a thickness of 130 µm/5.11 mils, reinforced by a PET scrim. This tape has especially been developed for all kinds of very demanding lamination and mounting applications. It shows a high humidity resistance and edge repulsion resistance. Due to its low VOC property it is particularly designed to meet automotive interior requirements.

tesa<sup>®</sup> 75013 is suitable for laminating all kinds of foam, fleece, and felt substrates and mounting interior components.

This product is also available in 75 µm/2.95 mils (tesa<sup>®</sup> 75007).

Main features:

- Highly conformable to follow difficult 3-D shapes
- Low VOC (acc. GB 27630) – no critical substances detectable
- Reinforcement supports converting efficiency
- High initial tack and excellent repulsion resistance
- Very good humidity resistance
- Excellent initial adhesion to a wide variety of interior substrates
- Secure mounting even to nonpolar plastics (PP) and composites (recycled materials)

### Application Fields

tesa<sup>®</sup> 75013 is suitable for various types of mounting and lamination applications.

Example applications are:

- Mounting of light interior trims (plastics, LSE surfaces)
- FPC (flexible printed circuits) mounting
- Lamination of insulation materials
- Laminates for NVH (noise, vibration, and harshness) and BSR (buzz, squeak, and rattle) prevention
- Lamination of decorative fabrics
- Lamination of foam for HVAC (heating, ventilation, and air conditioning) seals
- Mounting of flooring systems

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.



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### 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	none	• Color	transparent
• Type of adhesive	tackified acrylic	• Color of liner	brown/blue logo
• Type of liner	glassine	• Thickness of tape	130 µm
• Total thickness	130 µm 5.1 mils		5.1 mils

### Product Assortment

- Available thicknesses 75 µm (tesa<sup>®</sup> 75007),  
130 µm (tesa<sup>®</sup> 75013)

### Properties/Performance Values

• Fogging	good	• Tack	very good
• Low VOC	very good	• Temperature resistance max.	180 °C
• Suitable for die cutting	yes		356 °F
• Suitable for rough surfaces	very good	• Temperature resistance min.	-40 °C
			-40 °F

### Adhesion to Values

• ABS (initial)	11 N/cm 100.5 oz/in	• PP (initial)	6 N/cm 54.8 oz/in
• ABS (after 3 days)	11 N/cm 100.5 oz/in	• PP (after 3 days)	7 N/cm 64 oz/in
• PC (initial)	13.9 N/cm 127 oz/in	• PS (initial)	11.3 N/cm 103.2 oz/in
• PC (after 3 days)	15.1 N/cm 138 oz/in	• PS (after 3 days)	11.7 N/cm 106.9 oz/in
• PE (initial)	6.5 N/cm 59.4 oz/in	• PVC (initial)	6.4 N/cm 58.5 oz/in
• PE (after 3 days)	6.9 N/cm 63 oz/in	• PVC (after 3 days)	13.3 N/cm 121.5 oz/in
• PET (initial)	7.5 N/cm 68.5 oz/in	• Steel (initial)	10.7 N/cm 97.8 oz/in
• PET (after 3 days)	8.2 N/cm 74.9 oz/in	• Steel (after 3 days)	10.4 N/cm 95 oz/in

For latest information on this product please visit <http://l.tesa.com/?ip=75013>



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### Product Information

#### Storage Conditions

##### Storage Conditions

23°C, 50% RH, stored in original box

#### Additional Information

According to VDA278 analysis, our 75013-tapes does not contain any single substances restricted by the drafted GB regulations (China) as well as the indoor concentration guideline by Health, Labour and Welfare Ministry (Japan).

Adhesion vaules to:

PVC

PP

ABS

PC

PET

PS

PE

Are not part of the product specification

PV20 brown glassine liner / blue tesa logo

other liner version possible - on request

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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=75013>