

# tesa® 66007

## Ultra Low VOC



### Product Information

75µm reinforced water-based acrylic adhesive layer with PET scrim for mounting applications in automotive interiors

tesa® 66007 is a conformable, water-based acrylic adhesive tape with a thickness of 75 µm, reinforced by a PET scrim. This tape has especially been developed for all kinds of standard lamination and mounting applications. Due to its low VOC property it is particularly designed to meet automotive interior requirements.

tesa® 66007 is suitable for laminating all kinds of foam, fleece, and felt substrates and mounting light interior components.

This product is also available in 130µm (tesa® 66013) and 220µm (tesa® 66022).

Main features:

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

### Main Application

tesa® 66007 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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### Product Information

#### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be used for specification purposes.

#### Technical Data

• Backing material	none	• Type of liner	glassine
• Color	transparent	• Color of liner	brown/blue logo
• Total thickness	75 µm	• Temperature resistance from	-40 °C
• Thickness of tape	75 µm	• Temperature resistance up to	170 °C
• Type of adhesive	water-based acrylic		

#### Adhesion to

• Steel (initial)	9.7 N/cm	• Steel (after 3 days)	12.3 N/cm
• ABS (initial)	11.0 N/cm	• ABS (after 3 days)	12.2 N/cm
• PC (initial)	11.2 N/cm	• PC (after 3 days)	11.4 N/cm
• PE (initial)	4.0 N/cm	• PE (after 3 days)	4.5 N/cm
• PET (initial)	10.1 N/cm	• PET (after 3 days)	11.0 N/cm
• PP (initial)	4.5 N/cm	• PP (after 3 days)	11.0 N/cm
• PS (initial)	9.4 N/cm	• PS (after 3 days)	10.8 N/cm
• PVC (initial)	8.8 N/cm	• PVC (after 3 days)	11.7 N/cm

#### Properties

• Suitable for die cutting	Yes	• Conformability	●●●●
• Suitable for rough surfaces	●●●●	• Low VOC	●●●●
• Tack	●●●●	• Fogging	●●●●
• Storage conditions	23°C, 50% RH, stored in original box		

Evaluation across relevant tesa® assortment: ●●●● very good ●●● good ●● medium ● low

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## Product Information

### Additional Information

According to VDA278 analysis, our 66007-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).  
Ultra low total VOC concentration according to VDA 278 analysis

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® 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=66007>