



tesa[®] 75007

Low VOC



Product Information

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

Product Description

tesa[®] 75007 is a conformable, tackified acrylic adhesive tape with a thickness of 75 µm, reinforced by a PET scrim. This tape has especially been developed for all kinds of 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[®] 75007 is suitable for laminating all kinds of foam, fleece, and felt substrates and mounting light interior components.

Product Features

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

Application Fields

tesa[®] 75007 is suitable for 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	75 µm
• Total thickness	75 µm		

Product Assortment

• Available thicknesses	75 µm (tesa [®] 75007), 130 µm (tesa [®] 75013)
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Properties/Performance Values

• Fogging	good	• Tack	very good
• Low VOC	very good	• Temperature resistance max.	170 °C
• Suitable for die cutting	yes	• Temperature resistance min.	-40 °C
• Suitable for rough surfaces	very good		

Adhesion to Values

• ABS (initial)	9 N/cm	• PP (initial)	5 N/cm
• ABS (after 3 days)	10 N/cm	• PP (after 3 days)	6 N/cm
• PC (initial)	10.4 N/cm	• PS (initial)	7.7 N/cm
• PC (after 3 days)	11.3 N/cm	• PS (after 3 days)	8.9 N/cm
• PE (initial)	4.5 N/cm	• PVC (initial)	3.9 N/cm
• PE (after 3 days)	4.9 N/cm	• PVC (after 3 days)	8.8 N/cm
• PET (initial)	5.5 N/cm	• Steel (initial)	7.3 N/cm
• PET (after 3 days)	5.9 N/cm	• Steel (after 3 days)	8.6 N/cm

Storage Conditions

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23°C, 50% RH, stored in original box

Additional Information

According to VDA278 analysis, our 75007-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.

For latest information on this product please visit <http://l.tesa.com/?ip=75007>



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Disclaimer

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