



tesa[®] 66022

Ultra Low VOC



Product Information

220 µm/8.66 mils reinforced water-based acrylic adhesive layer with PET scrim for mounting applications in automotive interiors

Product Description

tesa[®] 66022 is a conformable, water-based acrylic adhesive tape with a thickness of 220 µm/8,7 mils, reinforced by a PET scrim. This tape has especially been developed for all kinds of demanding lamination and mounting applications. Due to its low VOC property it is particularly designed to meet automotive interior requirements.

tesa[®] 66022 is suitable for laminating all kinds of foam, fleece, and felt substrates and mounting light interior components.

This product is also available in 75 µm/2.95 mils (tesa[®] 66007) and 130 µm/5.12 mils (tesa[®] 66013).

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
- Excellent initial adhesion to a wide variety of interior substrates
- Secure mounting even to nonpolar plastics (PP) and composites (recycled materials)

Product Features

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Application Fields

tesa[®] 66022 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

For latest information on this product please visit <http://l.tesa.com/?ip=66022>



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Application Fields

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.

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	water-based acrylic	• Color of liner	brown/blue logo
• Type of liner	glassine	• Thickness of liner	71 µm
• Total thickness	_NULL	• Thickness of tape	220 µm
			8.7 mils

Product Assortment

- Available formats 220 µm (tesa[®] 66022)

Properties/Performance Values

• Fogging	very good	• Tack	very good
• Low VOC	very good	• Temperature resistance max.	200 °C
• Suitable for die cutting	yes		392 °F
• Suitable for rough surfaces	very good	• Temperature resistance min.	-40 °C
			-40 °F



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Adhesion to Values

• ABS (initial)	17 N/cm 155.3 oz/in	• PET fleece Headliner A (initial)	6 N/cm 54.8 oz/in
• ABS (after 3 days)	18 N/cm 164.5 oz/in	• PP (initial)	14 N/cm 127.9 oz/in
• PC (initial)	19.1 N/cm 174.5 oz/in	• PP (after 3 days)	16 N/cm 146.2 oz/in
• PC (after 3 days)	19.4 N/cm 177.2 oz/in	• PS (initial)	17.7 N/cm 161.7 oz/in
• PE (initial)	9.2 N/cm 84.1 oz/in	• PS (after 3 days)	18.2 N/cm 166.3 oz/in
• PE (after 3 days)	9 N/cm 82.2 oz/in	• PVC (initial)	12 N/cm 109.6 oz/in
• PET (initial)	16.2 N/cm 148 oz/in	• PVC (after 3 days)	19.3 N/cm 176.3 oz/in
• PET (after 3 days)	18.1 N/cm 165.4 oz/in	• Steel (initial)	12.3 N/cm 112.4 oz/in
• PET fleece Headliner A (after 3 days)	8 N/cm 73.1 oz/in	• Steel (after 3 days)	17.3 N/cm 158.1 oz/in

Storage Conditions

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23°C, 50% RH, stored in original box

Additional Information

According to VDA278 analysis, our 66022-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 values 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

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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.



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