tesa® 52110

Product Information

100 µm double sided transfer tape for lamination and converting applications

Product Description

tesa® 52110 is a conformable transfer tape, equipped with a water-based acrylic adhesive and a thickness of 100 µm. The water-based acrylic adhesive is temperature resistant up to 180°C and offers very good bonding strength on various substrates. tesa® 52110 was specifically developed for all kinds of lamination and converting applications. Due to its low emission values, it is classified as ultra low VOC and particularly suited to meet interior requirements, e.g. in the automotive industry.

tesa® 52110 is available in efficient laminating lengths and widths as well as in a 50 µm version (tesa® 52105).

Product Features

- High initial tack and peel adhesion
- Very good bonding strength to a wide variety of substrates
- Good die-cutting properties
- Highly conformable to follow difficult 3D shapes
- Ultra low total VOC concentration according to VDA 278 analysis

Application Fields

tesa® 52110 is suitable for various types of lamination and converting applications.

Key applications include:

- Lamination of insulation materials
- Mounting of flooring systems
- Lamination of foam for HVAC (heating, ventilation, and air conditioning) seals
- Bonding of fleece and felt substrates as well as decorative fabrics
- Laminates for NVH (noise, vibration, and harshness) and BSR (buzz, squeak, and rattle) prevention

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	yellow
• Type of liner	glassine	• Thickness of liner	80 µm

For latest information on this product please visit http://l.tesa.com/?ip=52110

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Product Information

Properties/Performance Values

• Ageing resistance (UV)	very good	• Temperature resistance short term	100 °C
• Humidity resistance	good		

Adhesion to Values

• ABS (initial)	6 N/cm	• PP (after 14 days)	6.8 N/cm
• ABS (after 14 days)	9 N/cm	• Steel (initial)	9.2 N/cm
• PP (initial)	5.1 N/cm	• Steel (after 14 days)	11.6 N/cm

Additional Information

According to VDA278 analysis tesa® 52110 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).

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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