

# tesa® 52105

50 µm double sided transfer tape for lamination and converting applications



## Product Description

tesa® 52105 is a conformable transfer tape, equipped with a water-based acrylic adhesive and a thickness of 50 µm. The water-based acrylic adhesive is temperature resistant up to 180°C and offers very good bonding strength on various substrates. tesa® 52105 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® 52105 is available in efficient laminating lengths and widths as well as in a 100 µm version (tesa® 52110)

## 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® 52105 is suitable for various types of lamination and converting applications.

## 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

Type of liner **glassine**

Backing material **none**

Type of adhesive **water-based acrylic**

Color **transparent**

Thickness of liner **80 µm**

Color of liner **yellow**

## Properties / Performance Values

Ageing resistance (UV) **very good**

Humidity resistance **good**

Temperature resistance short term **150 °C**

## Adhesion to Values

Steel (initial) **7.2 N/cm**

Steel (after 14 days) **9.2 N/cm**

## Additional Information

According to VDA278 analysis tesa® 52105 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).

