



tesa® 75505

Transfer 50µm



Product Information

50 µm double-sided tackified acrylic

Product Description

tesa® 4965 Transfer is a conformable, tackified acrylic transfer tape with a thickness of 50 µm. It is equipped with our proven and well-known tesa® 4965 adhesive, which is transparent, ageing resistant and has a high initial tack. tesa® 4965 Transfer therefore offers very good immediate grab to uneven surfaces and is suitable for a wide range of applications, such as lamination of lightweight, thin materials. Several products are equipped with this unique and high performing tesa® 4965 adhesive, and together these products make up Team 4965. This double-sided film tape assortment helps to easily select the most efficient tape based on customer demands, products, and processes. tesa® 4965 Transfer 50 µm can be ordered using order number tesa® 75505. Explore the benefits of the full tesa® 4965 assortment here: <https://www.tesa.com/en/industry/general-applications/mounting/team-4965-assortment>.

Sustainable Aspects

- Biomass balanced tackified acrylic adhesive

tesa® More Sustainable Paper Liner:

- Responsibly sourced paper liner (certified)
- Unbleached paper with 30% recycled fibers



For more information: <https://www.tesa.com/product-sustainability>

Product Features

- Very good temperature and humidity resistance
- Skin contact certification according to ISO 10993-5 and ISO 10993-10
- In accordance with UL standard 969. UL file: MH18055
- Good die cutting properties
- Very good initial adhesion to a wide variety of substrates
- Excellent conformability due to transfer tape design
- Low VOC - measured according to VDA 278 analysis

Application Fields

tesa® 4965 Transfer is suitable for mounting and lamination applications of flexible materials and lightweight parts.

Example applications are:

- Mounting of lightweight parts and materials
- Mounting of foams, felts, fabrics and textiles
- Lamination of insulation materials

For latest information on this product please visit <http://l.tesa.com/?ip=75505>



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Application Fields

- Mounting of flooring systems
- Membrane switch mounting
- Splicing

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 material | none | • Colour of liner | brown/blue logo |
| • Type of adhesive | tackified acrylic | • Thickness of liner | 70 µm |
| • Type of liner | glassine | • Weight of liner | 80 g/m ² |
| • Colour | transparent | | |

Properties/Performance Values

- | | | | |
|----------------------------------|-----------|--|-----------|
| • Ageing resistance (UV) | good | • Static shear resistance at 23°C | very good |
| • Chemical resistance | good | • Static shear resistance at 40°C | very good |
| • Humidity resistance | very good | • Tack | good |
| • Minimum temperature resistance | -40 °C | • Temperature resistance long term duration | 100 °C |
| • Softener resistance | good | • Temperature resistance short term duration | 200 °C |

Adhesion to Values

- | | | | |
|-----------------------------|----------|-------------------------|----------|
| • ABS (initial) | 8 N/cm | • PP (initial) | 2 N/cm |
| • ABS (after 14 days) | 9 N/cm | • PP (after 14 days) | 4 N/cm |
| • Aluminium (initial) | 7 N/cm | • PS (initial) | 7 N/cm |
| • Aluminium (after 14 days) | 7.5 N/cm | • PS (after 14 days) | 9 N/cm |
| • PC (initial) | 9 N/cm | • PVC (initial) | 7 N/cm |
| • PC (after 14 days) | 9.5 N/cm | • PVC (after 14 days) | 11 N/cm |
| • PE (initial) | 2 N/cm | • Steel (initial) | 8 N/cm |
| • PE (after 14 days) | 3.5 N/cm | • Steel (after 14 days) | 8.5 N/cm |
| • PET (after 14 days) | 7 N/cm | • Steel (after 3 days) | 8 N/cm |



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Additional Information

Liner variants: PV12: transparent PET liner (75 µm; 105 g/m²) PV20: branded brown paper liner (70 µm; 80 g/m²)

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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