



tesa® 75505

Next Gen - Team 4965 Transfer 50µm



Product Information

50µm double-sided tackified acrylic

Product Description

tesa® 75505 - Team 4965 Transfer 50µm is a conformable, tackified acrylic transfer tape with a thickness of 50µm. It is equipped with our proven and well-known tesa® 4965 adhesive which is transparent, ageing resistant and has a high initial tack. tesa® 75505 - Team 4965 Transfer 50µm 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. Explore the benefits of the full tesa® 4965 assortment here: <https://www.tesa.com/en/industry/general-applications/mounting/team-4965-assortment>

Sustainable Aspects

- tesa® 75505 Next Gen with -38% CO₂ emissions compared to previous tesa® 75505
- 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® 75505 - Team 4965 Transfer 50µm 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 | none | • Color 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 |
| • Color | transparent | | |

Properties/Performance Values

- | | | | |
|-----------------------------------|-----------|-------------------------------------|-----------|
| • Ageing resistance (UV) | good | • Static shear resistance at 40°C | very good |
| • Chemical Resistance | good | • Tack | good |
| • Humidity resistance | very good | • Temperature resistance long term | 100 °C |
| • Softener resistance | good | • Temperature resistance min. | -40 °C |
| • Static shear resistance at 23°C | very good | • Temperature resistance short term | 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 |

Additional Information

Liner variants:

- PV4: white PE coated paper liner (118µm; 113g/m²)
- PV12: transparent PET liner (75µm; 105g/m²)
- PV20: branded brown paper liner (70µm; 80g/m²)

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Additional Information

- PV21: white glassine paper liner (78µm; 90g/m²)

Dimensional stable PV12 PET liner and PV4 PE coated paper liner best suitable for applications, shipping and storage with exposure to high humidity conditions.

Low VOC - measured according to VDA 278 analysis, tesa® 75505 does not contain any single substances restricted by the drafted GB regulations (China).

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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