tesa® 75505
- 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

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
- Mounting of flooring systems
- Membrane switch mounting
- Splicing

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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	tackified acrylic	• Color of liner	brown/blue logo
• Type of liner	glassine	• Thickness of liner	70 µm
• Total thickness	50 µm	• Weight of liner	80 g/m²

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		
• Static shear resistance at 23°C	very good	• Temperature resistance min.	-40 °C
		• 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:

- PV12: transparent PET liner (75µm; 105g/m²)
- PV20: branded brown paper liner (70µm; 80g/m²)
- PV21: white glassine paper liner (78µm; 90g/m²)

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

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

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Additional Information

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

Disclaimer

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