

tesa® 75505 - Team 4965 Transfer 50μm

Product Information

50µm double-sided tackified acrylic

Product Description

tesa® 75505 - Team 4965 Transfer $50\mu m$ is a conformable, tackified acrylic transfer tape with a thickness of $50\mu m$. 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 $50\mu m$ 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

- · Excellent conformability due to transfer tape design
- · Very good initial adhesion to a wide variety of substrates
- · Very good temperature and humidity resistance
- Good die cutting properties
- Low VOC according to tesa classification: Free of critical substances restricted by the GB regulation, the indoor concentration guideline by JAMA (Japanese Automobile Manufacturers Association), the Japanese Ministry of Health, Labor and Welfare (MHLW), according to VDA 278

Application Fields

tesa 75505 - Team 4965 Transfer 50 μ m 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/m ²

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	100 °C
•	Softener resistance	good		term	
•	Static shear resistance at 23°C	very good	•	Temperature resistance min.	-40 °C
			•	Temperature resistance short	200 °C
				term	

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)



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Disclaimer

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