



tesa® 4945

Product Information

Product Description

tesa® 4965 Die-Cut is based on a patented and protected product formulation. Several products are equipped with this unique and high performing product design 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. Order tesa® 4965 Die-Cut using order number tesa® 54965. Explore the benefits of the full tesa® 4965 assortment here: <https://www.tesa.com/en/industry/general-applications/mounting/team-4965-assortment>

tesa® 4965 Die-Cut features:

- Easy and robust die-cutting opportunities
- Specific shape designs for demanding applications
- Reliable bond even on hard to stick surfaces
- Immediate usability right after assembly

Application Fields

- Emblem mounting
- Display mounting on appliances

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	Post consumer recycled PET	• Colour	transparent
• Bio-based carbon content of liner (acc. DIN EN 16640)	90 %	• Colour of liner	brown/blue logo
• Type of adhesive	tackified acrylic	• Thickness of liner	69 µm
• Type of liner	paper	• Weight of liner	80 g/m ²
• Total thickness	100 µm		



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Properties/Performance Values

• Elongation at break	50 %	• Softener resistance	good
• Tensile strength	20 N/cm	• Static shear resistance at 23°C	very good
• 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 duration	100 °C
• Minimum temperature resistance	-40 °C	• Temperature resistance short term duration	200 °C

Adhesion to Values

• ABS (initial)	5.3 N/cm	• PET (after 14 days)	7 N/cm
• ABS (after 14 days)	6.5 N/cm	• PP (initial)	3.3 N/cm
• Aluminium (initial)	5.2 N/cm	• PP (after 14 days)	4.8 N/cm
• Aluminium (after 14 days)	7.7 N/cm	• PS (initial)	5.4 N/cm
• PC (initial)	6.5 N/cm	• PS (after 14 days)	7.1 N/cm
• PC (after 14 days)	8.6 N/cm	• PVC (initial)	5.7 N/cm
• PE (initial)	3.1 N/cm	• PVC (after 14 days)	9.4 N/cm
• PE (after 14 days)	3.5 N/cm	• Steel (initial)	7 N/cm
• PET (initial)	5.3 N/cm	• Steel (after 14 days)	9.6 N/cm

Disclaimer

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