

tesa® 51962

Product Information



50 µm / 2 mil double sided PET film tape

Product Description

tesa® 51962 is a transparent, double-sided self-adhesive tape consisting of a PET backing and a tackified acrylic adhesive. The double-sided tape is especially designed for the converter and tape specialist business.

Product Features

- Excellent combination of high initial tack and immediate adhesion
- Full suitability for long-term applications
- Good handling performance in converting processes
- High resistance to demanding environmental conditions

Application Fields

tesa® 51962 is used in different industries for general mounting and laminating applications.

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	PET	• Color	transparent
• Type of adhesive	tackified acrylic	• Color of liner	brown/blue logo
• Type of liner	glassine	• Thickness of liner	69 µm
• Total thickness	50 µm		2.7 mils
	2 mils	• Weight of liner	80 g/m ²

Properties/Performance Values

• Elongation at break	50 %	• Static shear resistance at 40°C	medium
• Tensile strength	20 N/cm	• Tack	good
	11.4 lbs/in	• Temperature resistance long term	100 °C
• Ageing resistance (UV)	very good		212 °F
• Humidity resistance	very good	• Temperature resistance short term	200 °C
• Softener resistance	very good		392 °F

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Adhesion to Values

• ABS (initial)	5 N/cm 45.7 oz/in	• PE (initial)	2 N/cm 18.3 oz/in
• ABS (after 14 days)	6.1 N/cm 55.7 oz/in	• PE (after 14 days)	2.8 N/cm 25.6 oz/in
• Aluminium (initial)	5 N/cm 45.7 oz/in	• PET (initial)	5.2 N/cm 47.5 oz/in
• Aluminium (after 14 days)	6 N/cm 54.8 oz/in	• PET (after 14 days)	5.8 N/cm 53 oz/in
• PC (initial)	5.3 N/cm 48.4 oz/in	• Steel (initial)	5 N/cm 45.7 oz/in
• PC (after 14 days)	6.6 N/cm 60.3 oz/in	• Steel (after 14 days)	7.2 N/cm 65.8 oz/in

Additional Information

Liner variants:

- PV20: branded brown glassine paper (69µm / 2.7 mil; 80g/m²)

Disclaimer

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