



tesa® 61970

Product Information



Double-sided box closure tape with fingerlift

Product Description

tesa® 61970 is a transparent double-sided self-adhesive tape consisting of a PP-film backing and a tackified acrylic adhesive.

tesa® 61970 features especially:

- Fast liner removal due to fingerlift
- High initial adhesion for a fast closure process
- Reliable bonding performance even at high temperature

Application Fields

- Closing of self-adhesive mail order boxes
- Closing of CD and book cartons

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	PP film	• Color	transparent
• Type of adhesive	tackified acrylic	• Color of liner	white
• Type of liner	paper	• Thickness of liner	84 µm
• Total thickness	220 µm 8.7 mils	• Weight of liner	3.3 mils 102 g/m ²

Properties/Performance Values

• Elongation at break	150 %	• Static shear resistance at 23°C	good
• Tensile strength	50 N/cm 28.6 lbs/in	• Static shear resistance at 40°C	good
• Ageing resistance (UV)	good	• Tack	good
• Chemical resistance	good	• Temperature resistance long term	80 °C 176 °F
• Humidity resistance	very good	• Temperature resistance min.	-40 °C -40 °F
• Softener resistance	good	• Temperature resistance short term	130 °C 266 °F



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Adhesion to Values

• ABS (initial)	12.5 N/cm 114.2 oz/in	• PET (after 14 days)	11.5 N/cm 105.1 oz/in
• ABS (after 14 days)	14.5 N/cm 132.5 oz/in	• PP (initial)	8.5 N/cm 77.7 oz/in
• Aluminium (initial)	11.5 N/cm 105.1 oz/in	• PP (after 14 days)	10 N/cm 91.4 oz/in
• Aluminium (after 14 days)	12.5 N/cm 114.2 oz/in	• PS (initial)	13 N/cm 118.8 oz/in
• PC (initial)	15 N/cm 137 oz/in	• PS (after 14 days)	14.5 N/cm 132.5 oz/in
• PC (after 14 days)	16.5 N/cm 150.7 oz/in	• PVC (initial)	11.5 N/cm 105.1 oz/in
• PE (initial)	7 N/cm 64 oz/in	• PVC (after 14 days)	17.5 N/cm 159.9 oz/in
• PE (after 14 days)	8 N/cm 73.1 oz/in	• Steel (initial)	13 N/cm 118.8 oz/in
• PET (initial)	11 N/cm 100.5 oz/in	• Steel (after 14 days)	13.5 N/cm 123.3 oz/in

Additional Information

Liner variants:

PV1 white glassine paper (84 µm/3.3 mils)

PV6 red MOPP-film (80 µm/3.1 mils)

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For latest information on this product please visit <http://l.tesa.com/?ip=61970>