



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

Product Features

- Fast liner removal due to fingerlift
- High initial adhesion for fast closure
- Reliable bonding performance even at high temperatures and on rough corrugated-board surfaces
- Recycling friendly according to the INGEDE method

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	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



tesa[®] 61970

Product Information

Properties/Performance Values

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

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)



tesa[®] 61970

Product Information

Disclaimer

tesa[®] products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All information and recommendations are provided to the best of our knowledge on the basis of our practical experience. Nevertheless tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. Therefore, the user is responsible for determining whether the tesa[®] product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



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