

tesa® 61970

Double-sided box closure tape with fingerlift

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

Main Application

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

Technical Data

▪ Backing material	PP film	▪ Tensile strength	50 N/cm
▪ Color	transparent	▪ Type of liner	glassine
▪ Total thickness	220 µm	▪ Colour of liner	brown
▪ Type of adhesive	tackified acrylic	▪ Thickness of liner	71 µm
▪ Elongation at break	150 %		

Adhesion to

▪ Steel (initial)	13.0 N/cm	▪ Steel (after 14 days)	13.5 N/cm
▪ ABS (initial)	11.3 N/cm	▪ ABS (after 14 days)	14.4 N/cm
▪ Aluminium (initial)	10.2 N/cm	▪ Aluminium (after 14 days)	12.8 N/cm
▪ PC (initial)	12.3 N/cm	▪ PC (after 14 days)	15.0 N/cm
▪ PE (initial)	5.4 N/cm	▪ PE (after 14 days)	6.8 N/cm
▪ PET (initial)	9.9 N/cm	▪ PET (after 14 days)	12.5 N/cm
▪ PP (initial)	6.8 N/cm	▪ PP (after 14 days)	8.8 N/cm
▪ PS (initial)	11.8 N/cm	▪ PS (after 14 days)	13.4 N/cm
▪ PVC (initial)	10.5 N/cm	▪ PVC (after 14 days)	17.0 N/cm

Properties

▪ Temperature resistance short term	130 °C	▪ Resistance to chemicals	● ● ● ●
▪ Temperature resistance long term	80 °C	▪ Softener resistance	● ● ● ●
▪ Tack	● ● ● ●	▪ Static shear resistance at 23°C	● ● ● ●
▪ Ageing resistance (UV)	● ● ● ●	▪ Static shear resistance at 40°C	● ● ● ●
▪ Humidity resistance	● ● ● ●		

Evaluation across relevant tesa® assortment: ● ● ● ● very good ● ● ● good ● ● medium ● low

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

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Additional Information

Liner variants:

PV1 white glassine paper (84 µm)

PV6 red MOPP-film (80 µm)

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