



# 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          | 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            | • Weight of liner    | 102 g/m <sup>2</sup> |

### 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   |
| • Ageing resistance (UV) | good      | • Tack                              | good   |
| • Chemical Resistance    | good      | • Temperature resistance long term  | 80 °C  |
| • Humidity resistance    | very good | • Temperature resistance min.       | -40 °C |
| • Softener resistance    | good      | • Temperature resistance short term | 130 °C |



# tesa® 61970

## Product Information

### Adhesion to Values

|                             |           |                         |           |
|-----------------------------|-----------|-------------------------|-----------|
| • ABS (initial)             | 12.5 N/cm | • PET (after 14 days)   | 11.5 N/cm |
| • ABS (after 14 days)       | 14.5 N/cm | • PP (initial)          | 8.5 N/cm  |
| • Aluminium (initial)       | 11.5 N/cm | • PP (after 14 days)    | 10 N/cm   |
| • Aluminium (after 14 days) | 12.5 N/cm | • PS (initial)          | 13 N/cm   |
| • PC (initial)              | 15 N/cm   | • PS (after 14 days)    | 14.5 N/cm |
| • PC (after 14 days)        | 16.5 N/cm | • PVC (initial)         | 11.5 N/cm |
| • PE (initial)              | 7 N/cm    | • PVC (after 14 days)   | 17.5 N/cm |
| • PE (after 14 days)        | 8 N/cm    | • Steel (initial)       | 13 N/cm   |
| • PET (initial)             | 11 N/cm   | • Steel (after 14 days) | 13.5 N/cm |

### Additional Information

Liner variants:

PV1 white glassine paper (84 µm)

PV6 red MOPP-film (80 µm)

### 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>