



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

Applications

- 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.

Applications

| | | | |
|--------------------|-------------------|----------------------|----------------------|
| • 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 ² |



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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 |
| • 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 |

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

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