

tesa® 61970

Product Information



220µm double sided PP film box sealing tape with fingerlift

Product Description

tesa® 61970 is a transparent, double-sided tape consisting of a PP backing and a highly tackified acrylic adhesive. The double-sided filmic box-sealing tape has been designed for the closure of corrugated-board cartons and is recycling friendly according to the INGEDE method. The tackified acrylic adhesive provides reliable bonding performance even at high temperatures and on rough cardboard surfaces. tesa® 61970 comes with a fingerlift (extended liner) for convenient liner removal.

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

- tesa® 61970 is especially designed for the closure of corrugated-board cartons
- Self-adhesive mail-order boxes
- Closing 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 ² |

Properties/Performance Values

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|--------------------------|-----------|-------------------------------------|--------|
| • 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 |

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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

For spools, it is recommended to use tesa® dispensers to achieve optimal results.

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.



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