



tesa® 6190 Combitape



Product Information

Double-sided filmic box sealing tape with integrated tear-tape

Product Description

tesa® Combitape is a transparent double-sided tape consisting of a PET-film backing and a tackified acrylic adhesive. tesa® Combitape is supplied with fingerlift (extended liner) and integrated tear-tape.

tesa® Combitape has been designed for corrugated board cartons and features:

- Fast liner removal due to fingerlift
- High initial adhesion for fast closure
- Reliable bonding performance even at high temperature
- Implement closure and opening function in limited space

Product Features

- Implementing closure and opening function in limited space
- 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

- Self-adhesive mail order boxes
- 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 material | PET film | • Colour | transparent |
| • Type of adhesive | tackified acrylic | • Colour of liner | red |
| • Type of liner | MOPP | • Thickness of liner | 80 µm |
| • Total thickness | 205 µm | • Weight of liner | 72 g/m ² |



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Product Information

Properties/Performance Values

| | | | |
|--------------------------|-----------|--|-----------|
| • Elongation at break | 30 % | • Static shear resistance at 23°C | very good |
| • Tensile strength | 130 N/cm | • Static shear resistance at 40°C | very good |
| • Ageing resistance (UV) | good | • Tack | good |
| • Chemical resistance | good | • Temperature resistance long term duration | 100 °C |
| • Humidity resistance | very good | • Temperature resistance min. | -40 °C |
| • Softener resistance | good | • Temperature resistance short term duration | 200 °C |

Adhesion to Values

| | | | |
|-----------------------------|-----------|-------------------------|-----------|
| • ABS (initial) | 10.3 N/cm | • PET (after 14 days) | 9.5 N/cm |
| • ABS (after 14 days) | 12 N/cm | • PP (initial) | 6.8 N/cm |
| • Aluminium (initial) | 9.2 N/cm | • PP (after 14 days) | 7.9 N/cm |
| • Aluminium (after 14 days) | 10.6 N/cm | • PS (initial) | 10.6 N/cm |
| • PC (initial) | 12.6 N/cm | • PS (after 14 days) | 12 N/cm |
| • PC (after 14 days) | 14 N/cm | • PVC (initial) | 8.7 N/cm |
| • PE (initial) | 5.8 N/cm | • PVC (after 14 days) | 13 N/cm |
| • PE (after 14 days) | 6.9 N/cm | • Steel (initial) | 11.5 N/cm |
| • PET (initial) | 9.2 N/cm | • Steel (after 14 days) | 11.8 N/cm |

Disclaimer

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