



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 on limited space

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	• Color	transparent, optically clear
• Type of adhesive	tackified acrylic, acrylic, advanced acrylic, modified acrylic	• Colour of liner	red, transparent
• Type of liner	MOPP	• Thickness of liner	80 µm
• Total thickness	205 µm	• Weight of liner	72 g/m ²

Properties/Performance Values

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



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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

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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