



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	good, medium
• Tensile strength	130 N/cm	• Static shear resistance at 40°C	good, medium
• Ageing resistance (UV)	very good	• Tack	good, medium
• Chemical resistance	good	• Temperature resistance long term duration	100 °C
• Humidity resistance	very good	• Temperature resistance min.	-40 °C
• Softener resistance	good, medium	• 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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