



# tesa® 6190 Combitape Next Gen



## Product Information

205µm double sided filmic box sealing tape with fingerlift and integrated tear-tape

## Product Description

tesa® 6190 Combitape Next Gen is a transparent, double-sided mounting tape, produced with a biomass balanced adhesive and a 90% PCR PET backing which leads to a reduction in CO<sub>2</sub> emissions of -39%\* compared to tesa® 6190 Combitape. The double-sided filmic box sealing tape is supplied with fingerlift (extended liner) and integrated tear tape. tesa® 6190 Combitape Next Gen has been designed for corrugated-board cartons and is recycling friendly according to the INGEDE method. The biomass balanced tackified acrylic adhesive provides reliable bonding performance even at high temperatures and on rough cardboard surfaces.

## Sustainable Aspects

- tesa® 6190 Combitape Next Gen with -39% CO<sub>2</sub> emissions\* compared to tesa® 6190 Combitape
- Biomass balanced tackified acrylic adhesive
- 90% PCR PET in the backing



For more information: <https://www.tesa.com/product-sustainability>

## 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

- tesa® 6190 Combitape Next Gen is especially designed for corrugated-board cartons
- Self-adhesive mail-order boxes
- Closing CD and book cartons



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### 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	PET film	• Color	transparent
• Type of adhesive	tackified acrylic	• Color of liner	red
• Type of liner	MOPP	• Thickness of liner	80 µm
• Total thickness	205 µm	• Weight of liner	72 g/m <sup>2</sup>

### 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	100 °C
• Humidity resistance	very good	• Temperature resistance min.	-40 °C
• Softener resistance	good	• Temperature resistance short term	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

### Additional Information

\*Product Carbon Footprint (PCF) reduction for the new tesa® 6190 Combitape Next Gen (2000m x 23mm spool, PV0 red MOPP liner) compared to the current tesa® 6190 Combitape (2000m x 23mm spool, PV0 red MOPP liner) calculated in 2024 with Cradle-to-Gate values, including biogenic carbon uptake. The calculation of the CO<sub>2</sub> footprint was conducted in 2024, following the same approach as the ISO 14067-compliant comparative PCF study for tesa® 4965 Original Next Gen, available on [tesa.com/4965-report](https://tesa.com/4965-report). For detailed information on the tesa® 6190 Combitape Next Gen Product Carbon Footprint, please contact your local tesa sales representative.



# tesa<sup>®</sup> 6190 Combitape Next Gen

Product Information

## Disclaimer

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For latest information on this product please visit <http://l.tesa.com/?ip=06190>