

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 CO₂ 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% CO₂ 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 ²

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 CO₂ 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. For detailed information on the tesa® 6190 Combitape Next Gen Product Carbon Footprint, please contact your local tesa sales representative.



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