



# Contributing to sustainability – Our packaging tape assortment



The debate around packaging pollution has grown significantly in recent years. Increasing concern from regulatory bodies and from the public are currently leading to major changes – in both industrial and consumer packaging. Packaging tapes are also being discussed as a crucial part of the packaging solution, with calls for innovative solutions that better protect our environment growing louder.

We are not only focusing on becoming a more sustainable company but want to support our customers to become more sustainable as well. To do so, we have developed a set of packaging tapes that will support our customers in meeting their sustainability goals.



# We help your business be more sustainable.

Contact [customer@tesatape.com](mailto:customer@tesatape.com) for stock availability.



## Paper packaging tapes

tesa® 60013

### Self-adhesive reinforced paper tape

- Suitable for heavy-duty packaging applications (>50 lbs.)
- Excellent adhesion and aggressive tack
- High tensile strength
- Paper backing reinforced with fiberglass scrim
- Tamper-evident seal when removing the tape
- Suitable for manual and automatic dispensers



### Our offer

- Recycling-friendly according to INGEDE Method 12 (75/100)
- Solvent-free production process

tesa® 4513

### Superior paper packaging tape

- Ideal for the sealing of cardboard boxes up to 30 lbs.
- Very strong adhesion and high initial tack
- Good resistance to shock impacts
- Can be torn by hand
- Suitable for manual and automatic applications
- Printable with all types of ink systems



### Our offer

- Responsibly-sourced paper backing
- Recycling-friendly according to INGEDE Method 12 (100/100)
- Solvent-free production process

tesa® 4713

### Standard paper packaging tape

- Ideal for the sealing of cardboard boxes up to 20 lbs.
- Good adhesion on different cardboard qualities
- Can be torn by hand
- Suitable for manual and automatic dispensers
- Printable with all types of ink systems



### Our offer

- Responsibly-sourced paper backing
- Recycling-friendly according to INGEDE Method 12 (100/100)
- Solvent-free production process

## Filmic packaging tapes

### tesa® 60400

#### Bio & Strong

- Ideal for the sealing of cardboard boxes up to 60 lbs.
- Strong adhesion
- Robust backing material
- Solvent-free production process
- Very good performance on recycled cardboards

#### Our offer

- 98% bio-based carbon content in total product
- Official certification from DIN CERTCO and TÜV AUSTRIA
- Solvent-free production process



### tesa® 60412

#### Recycled PET packaging tape

- Ideal for the sealing of cardboard boxes up to 60 lbs.
- 70% Post-Consumer Recycled (PCR) PET content in backing
- Strong and very consistent acrylic adhesive
- Low-noise unwind
- Very good performance on recycled cardboards
- Printable with all types of ink systems

#### Our offer

- 70% PCR PET content in backing
- Recycling-friendly according to INGEDE Method 12 (100/100)



Product	Total thickness [µm/mils]	Type of adhesive	Type of backing	Adhesion to steel [N/cm   oz/in]	Tensile strength [N/cm   lbs/in]	Elongation [%]
tesa® 60013	210/8.3	Synthetic rubber	Paper w/ fiberglass scrim	12/109.6	125/71.4	6
tesa® 4513	105/4.1	Synthetic rubber	Paper	7.5/77.7	70/40	3
tesa® 4713	125/4.9	Natural rubber	Paper	2.8/25.6	30/17.1	10
tesa® 60400	55/2.2	Natural rubber	Poly lactide (PLA)	3.5/32	30/17.1	185
tesa® 60412	56/2.2	Water-based acrylic	Post-consumer recycled PET	3/27.4	60/34.3	130

tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore 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. 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.



#### Sustainable certification glossary:



**INGEDE Method 12** – measures the recyclability of paper with inks and adhesives applied based on the removability of the ink and adhesives during processing.



**TÜV Austria** – tesa® 60400 is certified four-star bio-based (highest certification) based on the percentage of renewable raw organic materials (% bio-based).



**DIN** – tesa® 60400 is certified to have more than 85% bio-based organic materials.

#### United States and Canada

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Our management system is certified according to the standards ISO 9001, IATF 16949, and ISO 14001.