



# tesa<sup>®</sup> 60400

## Product Information



### tesa<sup>®</sup> 60400 – Bio & Strong

#### Product Description

tesa<sup>®</sup> 60400 is a bio-based packaging tape in the industry suitable for medium-weight packaging applications (30 - 60 lbs.). The backing material chosen for this tape is polylactide acid, also known as PLA. PLA is 100% made from renewable feedstocks such as corn starch, tapioca roots, or sugarcane. The system adhesive used for this tape is a natural rubber with a natural-based resin. Thanks to the smart choice of raw materials and its outstanding design, tesa<sup>®</sup> 60400 is produced with a bio-carbon content of 98% and, consequently, a reduced carbon footprint.

#### Sustainability Features

- Total bio-based carbon content of 98%
- Official certification from DIN-CERTCO and TÜV AUSTRIA (highest possible rating from both institutes)
- Lower CO2 emissions compared to other standard packaging tapes
- Solvent-free production process

#### Technical Features

- Strong adhesion
- Robust backing material
- Excellent performance on recycled cardboards

#### Sustainable Aspects



#### Product Features

- Official certification from DIN-CERTCO and TÜV AUSTRIA (highest possible rating from both institutes)
- Solvent-free production process
- Strong adhesion
- Robust backing material
- Excellent performance on recycled cardboards
- Total bio-based carbon content of 98%
- Lower CO2 emissions compared to other standard packaging tapes

#### Application Fields

- Sealing of medium-weight cardboard boxes (30 - 60 lbs.)
- Suitable for manual and automatic dispensers
- Packaging, bundling and closing

#### Technical Information (average values)

The values in this section should be considered representative or typical only and should not be

For latest information on this product please visit <http://l.tesa.com/?ip=60400>



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### Technical Information (average values)

used for specification purposes.

### Product Construction

- |                    |                    |   |                   |
|--------------------|--------------------|---|-------------------|
| • Backing          | Poly lactide (PLA) | • Bio-based carbon content of liner (acc. ASTM D6866) | 98 %              |
| • Type of adhesive | natural rubber     | • Total thickness                                     | 55 µm<br>2.2 mils |

### Product Assortment

- |                    |             |
|--------------------|-------------|
| • Available colors | transparent |
|--------------------|-------------|

### Properties/Performance Values

- |                         |                        |                                |             |
|-------------------------|------------------------|--------------------------------|-------------|
| • Elongation at break   | 185 %                  | • Packaging Weight             | Up to 25 kg |
| • Tensile strength      | 30 N/cm<br>17.1 lbs/in | • Silent unwinding             | no          |
| • Automatic application | yes                    | • Suitable for dangerous goods | no          |
| • Hand tearability      | good                   | • Suitable for deep freezing   | yes         |
| • Manual application    | yes                    |                                |             |

### Adhesion to Values

- |         |                      |
|---------|----------------------|
| • Steel | 3.5 N/cm<br>32 oz/in |
|---------|----------------------|



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### Additional Information

tesa<sup>®</sup> 60400 is printable with all types of ink systems.

### Disclaimer

tesa<sup>®</sup> 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<sup>®</sup> 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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