



# tesa<sup>®</sup> 4513 Superior paper packaging tape



## Product Information

tesa<sup>®</sup> 4513 Packaging tape

### Product Description

tesa<sup>®</sup> 4513 is a paper-based packaging tape featuring a robust paper backing and an excellent-performing synthetic rubber adhesive. The paper backing of tesa<sup>®</sup> 4513 is made with paper from well-managed forests and other controlled sources. Thanks to the silicone-free release coat, a very good printability with all types of ink systems is secured (externally tested). The synthetic rubber adhesive system provides very high adhesion and initial tack on a wide variety of carton qualities. tesa<sup>®</sup> 4513 is the perfect solution for light- and medium-weight packaging applications (max. 15 kg) where an excellent performance is required.

### Product Features

- Robust backing material
- Very high adhesion and initial tack
- Can be torn by hand
- Printable with all types of inks

### Application Fields

- Ideal for the sealing of cardboard boxes up to 15 kg
- Suitable for manual and automatic applications
- Printable with all types of ink systems

### 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 | Paper            | • Total thickness | 105 µm |
| • Type of adhesive | synthetic rubber |                   |        |

### Properties/Performance Values

- |                         |         |                       |           |
|-------------------------|---------|-----------------------|-----------|
| • Elongation at break   | 3 %     | • Low noise unwinding | no        |
| • Tensile strength      | 70 N/cm | • Manual application  | yes       |
| • Automatic application | yes     | • Printability        | very good |
| • Hand tearability      | yes     | • Solvent free        | yes       |
| • Humidity resistance   | medium  |                       |           |

### Adhesion to Values

- |         |          |
|---------|----------|
| • steel | 8.5 N/cm |
|---------|----------|

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**Additional Information**

Available in havana.

### 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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