

tesa® 4024 PV4 Next Generation

Product Information

Silent BOPP carton sealing tape with bio-based acrylic adhesive



Product Description

tesa® 4024 PV 4 is a reliable, universal carton-sealing tape designed for cartons weighing up to 15 kg. It features a premium polypropylene (PP) backing combined with a high-tack, water-based acrylic adhesive with 65% bio-based content. This helps reducing the product carbon footprint significantly and contributes to more sustainability. The adhesive's well-balanced tack and excellent shear resistance ensure secure sealing immediately after application - even under demanding environmental conditions.

Sustainable Aspects

- 65% bio-based acrylic adhesive according to the mass balance approach
- Up to 31% lower product carbon footprint compared to the previous product version (cradle to gate including biogenic carbon uptake)



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

Product Features

- Smooth, low noise unwinding.
- Increased tear resistance and good immediate adhesion properties.
- Excellent ageing resistance.
- Suitable for use in demanding environmental conditions.

Application Fields

Manual carton sealing tape for light and medium weight cartons up to 15 kg.

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

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|--------------------|---------------------|---|-------|
| • Backing | PP film | • Bio-based | 65 % |
| • Type of adhesive | water-based acrylic | content of adhesive by weight (acc. EN 16785) | |
| | | • Total thickness | 50 µm |

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Properties/Performance Values

• Elongation at break	140 %	• Packaging Weight	Up to 15 kg
• Tensile strength	45 N/cm	• Silent unwinding	yes
• Automatic application	yes	• Transport Information	Temperature 0-70°C
• Manual application	yes		

Adhesion to Values

• Steel	2.5 N/cm
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Certificates

Sustainability Certificates

- We conducted an externally reviewed comparative carbon footprint assessment and summarized the results in a publicly available report. tesa® 4024PV4 Next Generation shows an up to 31% lower carbon footprint compared to the previous version, tesa® 4024 PV4, based on a cradle to gate analysis including biogenic carbon uptake.
- The tesa manufacturing site Comet SpA, Italy has been externally certified under number ISCC-PLUS-CertDE100-22206125 and complies with the requirements of the certification system of ISCC PLUS.

Additional Information

tesa® 4024 is available in transparent, chamois and white color.

Disclaimer

tesa® 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® 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.



For latest information on this product please visit <http://l.tesa.com/?ip=4024PV4>