

tesa[®] 4024 PV4



Product Information

Universal carton sealing tape

Product Description

tesa[®] 4024 PV 4 is based on a PP backing coated with a special high tack water based acrylic adhesive. The well balanced tack and high shear resistance of the adhesive secures a good sealing immediately after application.

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

- Low noise unwinding.
- Excellent ageing resistance.
- Perfect for manual tape application.
- The process of cardboard waste recycling will be not disrupted as confirmed by leading recycling companies and paper mills.

Application Fields

Manual and automatic sealing of light and medium-range weight cartons.

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 | 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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Product Information

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

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

On request tesa[®] 4024 is also available as PV 5 product version with an especially easy but noisy unwinding. The PV 5 product version is printable.

Disclaimer

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