




**MONTA GREENLINE
SUSTAINABLE SELF-
ADHESIVE TAPES**

Overview product data

Sustainability can be implemented in a variety of ways when shipping goods. An essential step is to ensure that the adhesive tape is matched to the packaging material and transportation conditions. This method conserves resources and guarantees securely sealed packages, resulting in cost savings, time efficiency, and a decreased likelihood of customer complaints.

However, monta Greenline takes it one step further by not only offering reliable packaging tapes, but also including carefully selected bio-based or recycled raw materials into their product design. This significantly reduces the utilisation of virgin fossil-based raw materials. All monta Greenline adhesive tapes are manufactured at the monta plant in Germany and can be easily identified by their distinctive Greenline core.

We establish yearly goals for reducing energy use in compliance with DIN EN ISO 50001. In addition, we calculate the inevitable carbon dioxide emissions produced by our monta Greenline products and provide financial support to climate protection programs that are accredited according to international criteria, in the corresponding amount.

	monta 842/843/852	monta biopack® 860	monta biopack® 860 LG	 monta rPET 872	monta rPET 873
	For mono-material packaging solutions with natural optics	90% bio-based* & biodegradable	Visibly green: communicates its sustainability	Film from 90% Post Consumer PET Recyclate	Film from 90% Post Consumer PET Recyclate
	For light to medium heavy cartons, low noise, printable, hand tearable	For medium heavy to heavy cartons, bag sealing, hand tearable	For medium heavy to heavy cartons, bag sealing, hand tearable	For medium heavy cartons, low noise, directly printable	For medium heavy cartons
Adhesive	Natural rubber	Natural rubber	Natural rubber	Natural rubber	Natural rubber
Backing material	Paper	PLA	PLA	90% PCR rPET	90% PCR rPET
Colour					
Tensile strength N/25mm N/cm	80 32,2	80 32,2	80 32,2	90 36,2	90 36,2
Adhesive strength on steel cN/25mm N/cm	550 2,2	500 2	500 2	300 1,2	500 2
Backing μ	55 g	30	30	19	19
Sustainability	Paper from sustainable forestry Adhesive tape 62% bio-based*	Industrially compostable 90% bio-based* 	Industrially compostable 90% bio-based* 	Preserves fossil resources: PET film from 90% Post Consumer Recyclate	Preserves fossil resources: PET film from 90% Post Consumer Recyclate

monta biopack® is available with individual print! Contact us for details.

*Own calculation, based on dry weight

All monta Greenline tapes can be disposed of with the cardboard box via existing cardboard recycling schemes.

NATURALLY STRONG



monta paper adhesive tapes ensure outstanding performance while consuming minimal resources. After being used, they can easily be recycled with the cardboard. Their recyclability was tested according to the Cepi Recyclability Laboratory Test Method, assessed through the 4evergreen Fibre-based packaging recyclability evaluation protocol. monta paper tapes achieved an overall score of 83 out of 100 and an impressive fibre yield of 94.5 percent.

Their advanced product design renders monta paper tapes highly efficient. The foundation is a recently developed paper backing with a smoother surface structure. This backing is made from chlorine free (ECF) bleached pulp, sourced from sustainable forestry, and is free from silicone and synthetic plastics. Coated with our natural rubber adhesive, manufactured to an enhanced formulation, it performs with very high immediate tack and adhesive strength.

monta paper adhesive tapes reliably seal light to medium-heavy cartons, including those with a high recycled content, with just one layer of tape. They are also great for closing envelopes, bags, and boxes. They are a fibre-based alternative to plastic-based adhesive tapes, as well as water activated tapes. Ideal for anyone putting value on mono-material packaging solutions and a more natural look.

monta paper adhesive tapes are an excellent choice for sustainable advertising. They impress with brilliant print results, also when using water-based ink. They are well-suited for automated packing machines, for manual or table-top dispensers. As they unwind smoothly and quietly, they are ideal for workspaces that prioritise ergonomics. A perfect adhesive tape solution for industrial end-users, contract packers, office supplies, manufacturers of organic items, the green e-commerce, and others.

There are three versions available: For a more natural look, monta 843 with its brown backing and transparent adhesive is the ideal choice. For particularly high-quality prints, the recommended options are monta 852 with white adhesive on pure white paper or monta 842 with brown backing and white adhesive.



monta 852

monta 843

monta 842

At a glance:

- Silicone-free paper backing made from chlorine-free (ECF) bleached pulp from sustainable forestry
- Natural rubber adhesive with optimised formulation
- Confirmed recyclability
- Excellent adhesive strength and immediate tack on various cardboard qualities
- Good weatherability and moisture resistance
- Very good printability, even with water-based ink
- Easy & quiet to unwind
- Tearable by hand
- Vegan

CERTIFIED SUSTAINABLE



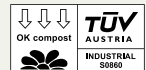
monta biopack® is the first certified sustainable self-adhesive tape made in Germany. Manufactured with bio-based PLA film and a unique natural rubber adhesive, it consists of about 90% renewable raw materials and is biodegradable under industrial composting conditions. monta biopack® has been tested and certified by TÜV Austria according to their OK COMPOST INDUSTRIAL scheme. Within this certification it meets the requirements for compostability, biodegradation and heavy metal contents. Its safe ecotoxicity levels have been verified by a plant growth test.

This tape minimises material usage, closing the carton reliably with just one layer of tape, whether applied manually with a hand dispenser or on an automated packaging line. monta biopack® is also ideal for sealing bags and films, as well as for bundling flowers and garden waste. Made for everyone putting value on sustainability: florists and gardeners as well as manufacturers of organic products, green e-commerce, retailers and many more.



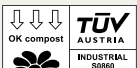
monta biopack® 860 DP: for individual prints

monta biopack® 860 DP can be personalised with your company logo or slogan, making it the perfect choice as a sustainable advertising medium. It securely delivers your products including your marketing message to your customers. Available through our printing partners. Contact us for details.



monta biopack® 860 LG: visibly green

When choosing monta biopack® 860 LG, your customers will instantly recognise your packaging as eco-friendly. The adhesive tape offers all the features of monta biopack® and also communicates its sustainability thanks to the printed „90% natural material“ logo.



At a glance:

- Consists of about 90% renewable resources*
- Certified by TÜV Austria with OK COMPOST INDUSTRIAL: meets the requirements of EN 13432 (09-2000), ASTM D 6400-23, AS 4736-2006 and ISO 17088:2021
- Safe ecotoxicity
- Robust PLA backing based on plant starch
- Low elongation
- Reliable natural rubber adhesive
- Excellent immediate tack and adhesive strength on various surfaces
- Easy to unwind
- Tearable by hand
- Vegan

*Own calculation, based on dry weight



monta rPET: New life for PET bottles

monta rPET tapes present one solution to reduce the use of virgin, fossil-based materials and minimise waste. Their thin yet strong rPET film backing consist of 90% post consumer PET recycle. Unlike bottles from closed deposit return schemes, it originates from disposed of PET bottles that are collected intentionally for the production of recycle. Apart from giving bottles a new life, this effectively prevents the release of microplastics in the environment.

Given their recycled film, the new monta Greenline rPET adhesive tapes not only contribute to the circular economy but also qualify for exemption from the EU plastic tax.

Their efficient natural rubber adhesive offers excellent immediate tack and adhesive strength, forming a durable bond with the carton, even with just one layer of tape. This reduces material input even more. monta rPET tapes also perform well on testliners with high recycled content, and are suitable for transportation routes exposed to fluctuating temperatures.

Thanks to their resource-efficient product design, monta rPET tapes offer up to 100% extra tape per roll. In addition to their material-saving application, this reduces unnecessary roll changes and packaging material, while making the best use of valuable cargo space.

monta rPET tapes are available in two versions: monta 873 is particularly suitable for machine applications. The low noise version monta 872 ensures pleasant working conditions and is directly printable, offering brilliant print results.

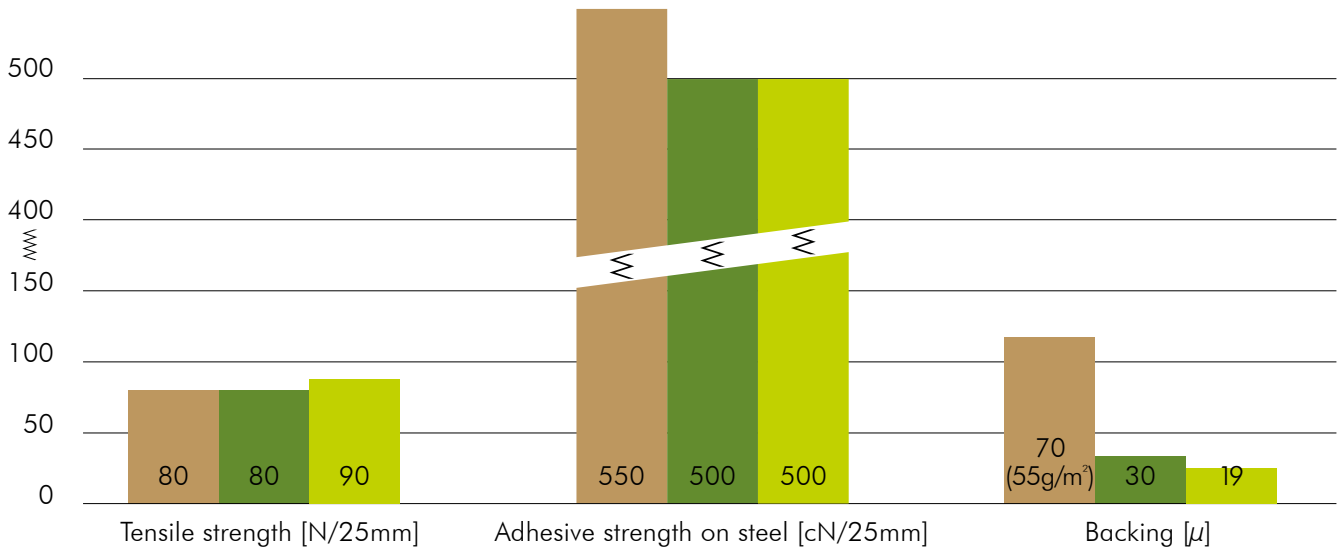


At a glance:

- Film from 90% PCR rPET
- Excellent immediate tack and adhesive strength on various surfaces
- Low elongation
- High tear resistance
- Easy to unwind
- Suitable for manual hand dispensers and automated packaging lines
- Up to 100% extra tape per roll
- Vegan
- monta 872: Directly printable
- monta 872: Low noise unwinding

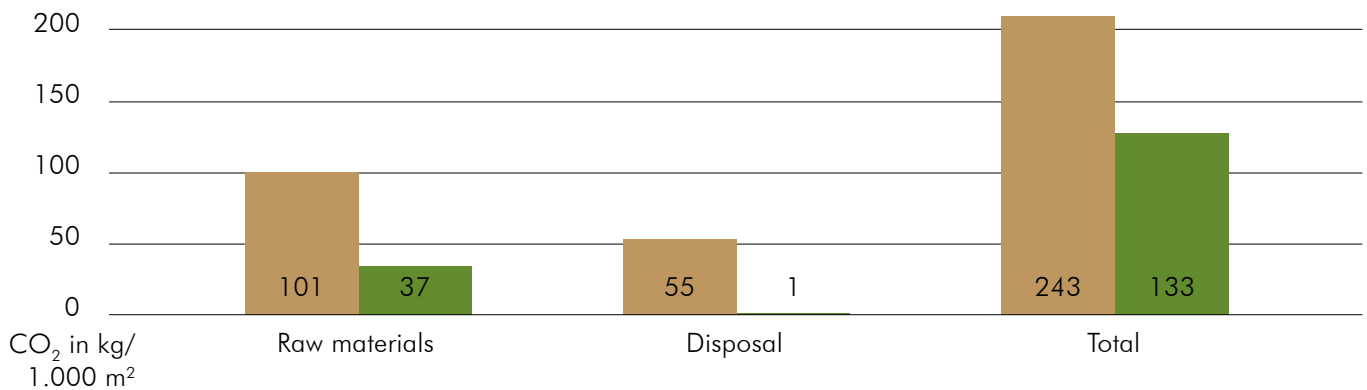
Direct comparison of technical properties and product carbon footprint

Comparison of technical properties of monta Greenline tapes



For the environmentally friendly sealing of light to medium weight cartons, all monta Greenline tapes are excellent choices. The film-based tapes monta biopack® 860 and monta rPET 873 provide the reliable, required strength for heavier cartons.

Comparison of product carbon footprint of monta Greenline tapes



Paper tape is unsurpassed for mono-material packaging with a more natural look; however, to achieve the required tensile strength more material input is necessary, which is reflected in a relatively higher CO₂ value.

With sustainable benefits, monta biopack® and monta rPET 873 achieve a good technical performance that is comparable to or better than that of standard OPP tapes:

- monta biopack® has a low carbon footprint due to its high bio-based content and proven compostability with a closed CO₂ loop.
- The high recycled content, combined with its low material usage, has a positive impact on the carbon footprint of monta rPET 873. The CO₂ values of monta rPET 873 will be available shortly.

■ monta paper 843
 ■ monta biopack® 860
 ■ monta rPET 873

WE SUPPORT CLIMATE PROTECTION PROJECTS



We minimise the carbon dioxide emissions of our adhesive tapes as far as possible, for example by implementing internal energy saving initiatives. We quantify all unavoidable CO₂ emissions generated by our monta Greenline adhesive tapes and support climate protection projects equivalent to the calculated emissions. Climate protection projects effectively reduce carbon dioxide emissions, such as through reforestation initiatives or by substituting climate-damaging technologies with environmentally friendly ones.

CO₂ emissions are calculated using the Greenhouse Gas Protocol Product Life Cycle Accounting and Reporting Standard (GHG Protocol). We employ the „cradle-to-gate-plus-waste“ methodology for the calculation. This means that the life cycle stages considered include the extraction of raw materials, incoming logistics, production, delivery of the goods to the customer’s gate as well as the disposal of the adhesive tape and its packaging.

More information on the climate protection projects can be found at ClimatePartner.com/16029-2107-1001.



Product with financial

climate contribution

ClimatePartner.com/16029-2107-1001



WHY MONTA?

- Wide range of high-quality self-adhesive tapes
- Made in Germany – manufactured in the contemporary monta plant in Germany
- Dedicated customer service
- Decades of expertise and in-depth manufacturing expertise
- Sustainable monta Greenline range
- Guaranteed roll length
- Worldwide distribution
- Certified quality & sustainability
 - DIN EN ISO 9001:2015 Quality Management since 1996
 - DIN EN ISO 14001:2015 Environmental Management since 1996
 - DIN EN ISO 50001:2018 Energy Management since 2015
 - EcoVadis rated since 2020



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