











**MONTA GREENLINE -  
SUSTAINABLE  
SELF-ADHESIVE TAPES**

## Overview Product Data

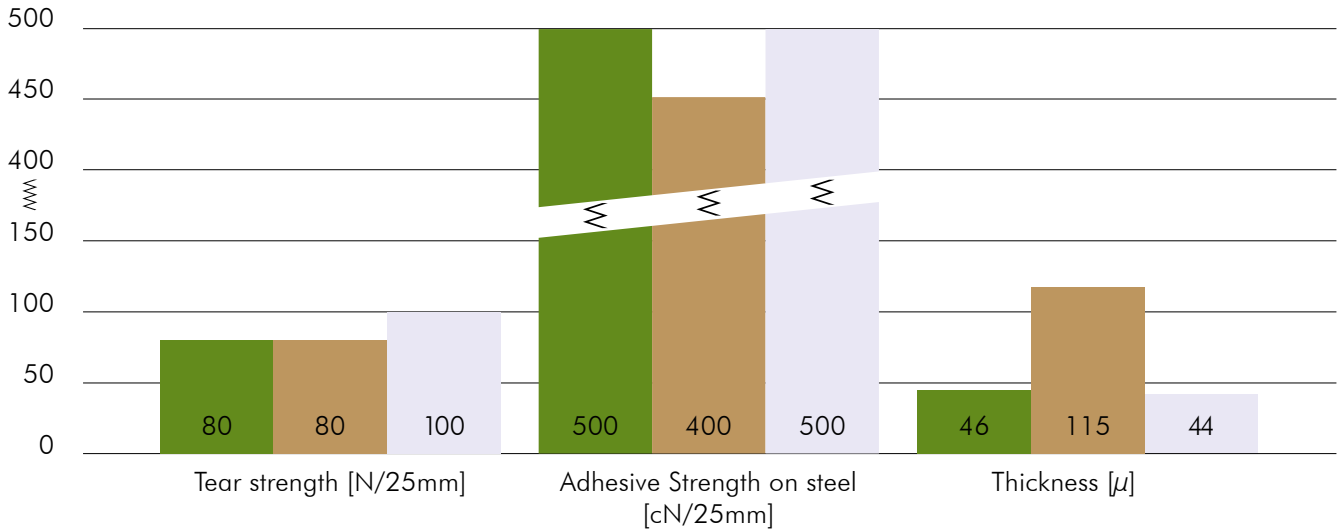
|  | monta biopack®<br>860  | monta biopack®<br>860 LG   | monta Paper<br>840 & 850  | monta Paper<br>841  | monta reTec<br>831  |
|--|--|--|---|---|---|
|  | 90% bio-based*<br>& biodegradable  | „Visibly green“<br>communicates its<br>sustainability  | For mono-<br>material packa-<br>ging solutions  | For mono-<br>material packa-<br>ging solutions with<br>natural look                 | Film with ≥ 99%<br>reprocessed PP   |
|  | For medium heavy<br>to heavy cartons,<br>bag sealing,<br>hand tearable   | For medium heavy<br>to heavy cartons,<br>bag sealing,<br>hand tearable   | For medium heavy<br>cartons, low<br>noise, printable,<br>hand tearable  | For medium heavy<br>cartons, low<br>noise, printable,<br>hand tearable              | For medium heavy<br>cartons, bag<br>sealing   |
| <b>Adhesive</b>  | Natural rubber   | Natural rubber   | Natural rubber  | Natural rubber  | Natural rubber  |
| <b>Backing material</b>  | PLA  | PLA  | Paper   | Paper   | ≥ 99%<br>reprocessed PP   |
| <b>Colour</b>  |   |   |   |  |  |
| <b>Tear strength<br/>N/25mm<br/>N/cm</b>                                     | 80<br>32,2   | 80<br>32,2   | 80<br>32,2  | 80<br>32,2  | 100<br>40,2   |
| <b>Adhesive strength<br/>on steel<br/>cN/25mm<br/>N/cm</b>                   | 500<br>2   | 500<br>2   | 400<br>1,6  | 400<br>1,6  | 500<br>2  |
| <b>Backing μ</b>   | 30   | 30   | 60 g  | 60 g  | 28  |
| <b>Sustainability</b>  | Industrially<br>compostable<br>90% bio-based*<br>   | Industrially<br>compostable<br>90% bio-based*<br>   | Paper from<br>sustainable<br>forestry<br>Adhesive tape<br>65% bio-based*  | Paper from<br>sustainable<br>forestry<br>Adhesive tape<br>65% bio-based*            | Preserves fossil<br>resources,<br>eliminates<br>need for virgin<br>PP by ≥ 99%      |
| <b>CO<sub>2</sub>-foot print<br/>CO<sub>2</sub> in kg/1.000m<sup>2</sup></b> | 130,5  | 130,5  | 174,2   | 174,2   | 114,3   |

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

\* Based on dry weight

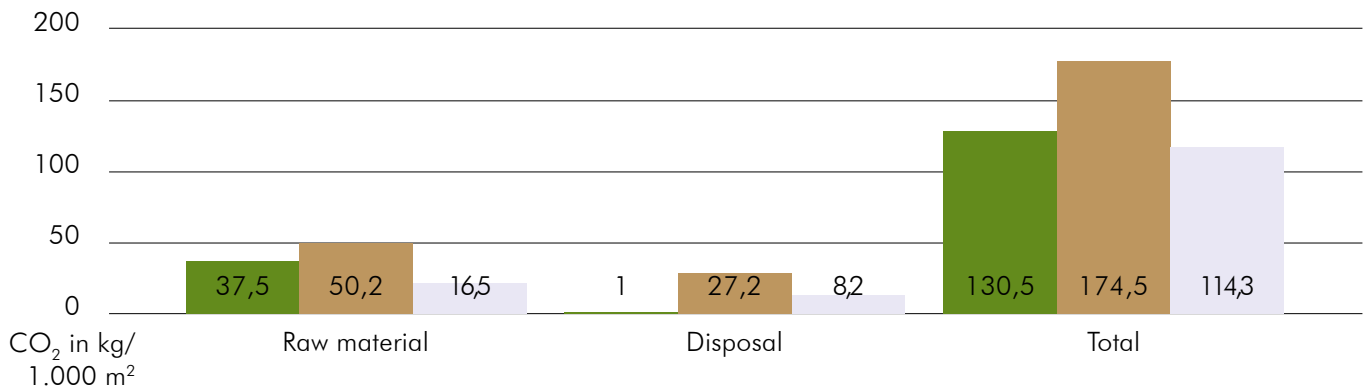
## Direct Comparison of Technical Properties and Product Carbon Footprint

### 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 reTec 831 provide the reliable, required strength for heavy 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 a high tear strength a relatively high material input (total thickness) is necessary, which is reflected in a relatively higher CO<sub>2</sub> value.

With sustainable benefits, monta biopack® and monta reTec 831 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 CO<sub>2</sub> loop.
- The carbon footprint of monta reTec 831 benefits from its resource-saving BOPP film, which is produced from ≥ 99% reprocessed polypropylene, eliminating the need for virgin material.

■ monta biopack® 860    
 ■ monta Paper 841    
 ■ monta reTec 831



# CARBON NEUTRAL ADHESIVE TAPES



All montA Greenline adhesive tapes are 100% carbon neutral. The calculation of their CO<sub>2</sub> emissions was based on the „Greenhouse Gas Protocol Product Life Cycle Accounting and Reporting Standard“ (GHG Protocol). Following the „cradle-to-customer plus waste“ approach, 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 were included for the assessment.

We avoid and reduce CO<sub>2</sub> emissions wherever possible, such as through increased use of green electricity and internal energy-saving programs. We compensate for all unavoidable CO<sub>2</sub> emissions by investing in climate protection projects that meet international standards. Climate protection projects reduce CO<sub>2</sub> emissions, for example, by reforestation or by replacing climate-damaging technologies with climate-friendly alternatives.

More information on our climate protection projects can be found at [ClimatePartner.com/16029-2107-1001](https://ClimatePartner.com/16029-2107-1001).



**Carbon neutral**  
Product

[ClimatePartner.com/16029-2107-1001](https://ClimatePartner.com/16029-2107-1001)



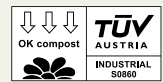
## Reliable, eco-friendly performance

monta Greenline is monta's environmentally friendly adhesive tape range. Due to the careful selection of raw materials and their material-saving application, monta Greenline adhesive tapes are more eco-friendly than many conventional self-adhesive tapes. Their core, shipping carton and label are made of 100 percent recycled raw materials or come from sustainable sources. All monta Greenline adhesive tapes are produced by monta in Germany and can be recognised by the monta Greenline core. monta Greenline adhesive tapes are carbon neutral: to compensate for unavoidable CO<sub>2</sub> emissions we support recognised and certified offset projects.

### MONTA BIOPACK® 860 / LG / DP

PLA adhesive tapes with natural rubber adhesive

- The first certified self-adhesive tapes made in Germany
- Made with approx. 90 % renewable resources\*
- OK COMPOST INDUSTRIAL certified by TÜV Austria, meet the requirements of EN 13432, ASTM D 6400-04, AS 4736 (2006) and ISO 17088 (2012) regarding:
  - Compostability
  - Biodegradability
  - Eco-toxicity and
  - Material characteristics
- monta biopack® 860 LG „Visibly Green“ communicates its own sustainability via green imprint „90 % natural material“
- monta biopack® 860 DP is directly printable and available from printer partners
- For sustainable box and bag sealing, as well as for bundling flowers



### MONTA RETEC 831

Adhesive tapes with reprocessed BOPP film and natural rubber adhesive

- The sustainable, resource conserving alternative to conventional BOPP tapes
- Backing material: BOPP with  $\geq 99$  % reprocessed PP, eliminates the need for virgin raw material by 99 %
- Natural rubber adhesive from predominantly renewable raw materials
- Technical properties like monta 331



### MONTA PAPER 840 / 841 / 850

Paper tapes with natural rubber adhesive

- Made from 65 % bio-based raw material\*
- The plastic free alternative to conventional packaging tapes
- For mono-material packaging solutions, silicone free
- monta 841 for a more natural look (transparent adhesive)
- monta 840 / 850 for a superior print quality (white adhesive), available from printer partners



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

# WHY MONTA?

- Wide range of high-quality self-adhesive tapes
- Made in Germany - manufactured in the contemporary monta facility 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
  - ISO 9001:2015 Quality Management since 1996
  - ISO 14001:2015 Environmental Management since 1999
  - ISO 50001:2018 Energy Management since 2005
  - ecoVadis Silver Medal since 2020



Printed on FSC certified paper.

