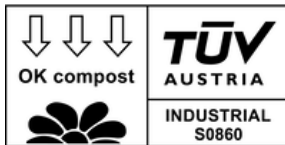


Technical Data Sheet: MONTA BIOPACK[®] 860 DP

Status: 08/2023

monta biopack[®] 860 DP is a directly printable self-adhesive tape. Thanks to its bio-based PLA-carrier and strong natural rubber adhesive, it is ideal for closing medium heavy to heavy cartons, as well as for bags and films. It is biodegradable under industrial composting conditions, meeting the requirements on disintegration (composting), biodegradation, ecotoxicity and material characteristics of EN 13432 (09-2000), ASTM D6400-23, AS 4736-2006 and ISO 17088:2021.



APPLICATION

- / Permanent closure of medium heavy to heavy cardboard boxes
- / Suitable for manual application in various hand- and table dispensers as well as in automated packaging machines.
- / Sealing biodegradable bags and films and other sustainable packaging types
- / Bundling flowers

PROPERTIES

- / Directly printable tape (without primer release)
- / Proven sustainability: Unprinted tape is certified as „OK COMPOST INDUSTRIAL“ by TÜV Austria: Meets EN 13432 (09-2000), ASTM D6400-23, AS 4736-2006 and ISO 17088:2021
- / Strong and robust backing material
- / Excellent immediate tack and adhesion on various surfaces
- / Low elongation
- / Hand tearable
- / Temperature resistant: from -30°C to +70°C short term (after application at room temperature)
- / Easy to unwind
- / Carbon neutral

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TECHNICAL DATA	METRIC		IMPERIAL	
Backing	PLA			
Adhesive	Natural Rubber			
Colour	transparent			
Tensile force	N/25mm N/cm	min. 80 min. 32.2	lb/in	min. 18.4
Backing thickness	μ	30	mil	1.2
Adhesive strength on steel	cN/25mm N/cm	500 2	oz/in	18.4
Core Diameter	mm	76	in	3

The values given are typical values, and do not constitute a specification. We recommend testing the suitability of the self-adhesive tape for the designated application or use.

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PRODUCT FEATURES

The more stars the more distinct the listed product feature:

Low noise	*	Resistant to diluted acids and alkalis	*
Tensile strength (breaking load)	*	Resistant to humidity	*
Immediate tack	**	Elongation	*
Adhesion (to steel)	***	Residue-free removal from various substrates	-
For smooth surfaces	***	UV and aging resistant	-
For different surfaces	***	Die cutting	*
For challenging surfaces	***	Manual rolls	***
for delicate surfaces	-	Machine rolls	***
Easy and smooth unwinding	***	Carton sealing (carton weight)	***
Printable (***) directly / * with primer release)	***	OK COMPOST INDUSTRIAL certified	*
Low temperature	*	Green line	*
High temperature	*	Suitable for food contact	-
Thermoformable	-	carbon neutral	*