



SELF-ADHESIVE TAPES FOR

PACKAGING & INDUSTRIAL APPLICATIONS

The monta product range for Distributors

CHOOSING THE RIGHT ADHESIVE TAPE

Every day, countless parcels are packed and goods are shipped all over the world. Reliable packaging solutions are becoming increasingly important to ensure that all products arrive undamaged. The adhesive packaging tape is crucial in this situation as it seals the shipping packaging and secures its valuable contents.

But which adhesive tape should you use? The transport route, carton quality, and weight of the packaged goods are all important factors in the selection.

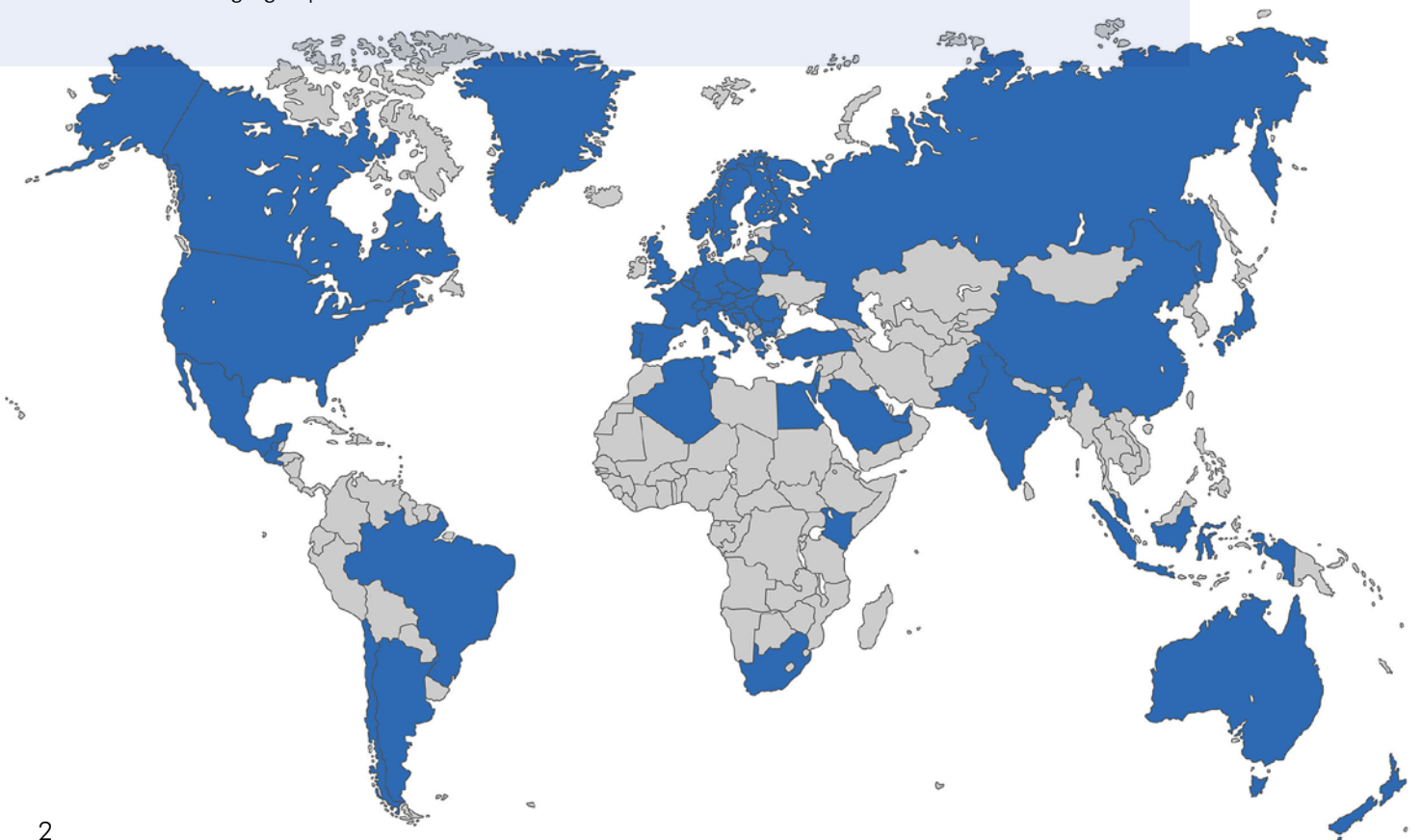
monta adhesive tapes have proven their worth in a variety of applications and challenges. With the environmentally friendly monta Greenline tapes, monta also provides optimal performance for sustainable packaging solutions.

Discover our extensive product range and find the right tape for your packaging.

Are you still unsure? With our professional advice and practical tests in our laboratory we will assist you in making the best decision.

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Self-adhesive tapes are versatile. You will find the best solution for your application by combining the right backing material and adhesive. monta has a wide selection of adhesive tapes for packaging and industrial applications.

ADHESIVE TECHNOLOGIES

Natural Rubber

Natural rubber adhesive is a true all-rounder: it can securely seal even critical surfaces such as recycling cartons under extreme conditions. Natural rubber has unique flow properties and encloses the cardboard fibers rather than simply wetting them. This results in a strong bond to the board and excellent initial tack, saving material, as usually only one layer of tape is required to securely seal the carton.

At monta we manufacture our own natural rubber adhesive with customized formulations for applications such as bag closure strapping, splicing, or surface protection.

Hotmelt

The synthetic rubber granulate is melted and then applied to the substrate while it is still hot. It impresses with its good immediate tack, high adhesive strength on steel, and high transparency.

Acrylic

Acrylic adhesives are classified as either water-soluble or solvent-soluble. Both provide excellent transparency as well as UV and ageing resistance.

BACKING MATERIALS

PVC

Our PVC adhesive tapes are particularly robust, with excellent printability and low elongation. The backing material is resistant to diluted acids and alkalis and contains no plasticizers or heavy metals. PVC adhesive tapes from monta are available with smooth or embossed surface, transparent and in a variety of colours.

BOPP

BOPP is an abbreviation for bi-axially stretched OPP film, which is used for classic packaging tapes. BOPP impresses with a favorable price-performance ratio. This tape, when combined with natural rubber adhesive, keeps its promises even in subzero temperatures.

MOPP

MOPP stands for mono-axially stretched OPP, which is an excellent, highly stable carrier material for specialty tape applications.

PET

High-performance polyester backings are used for the production of special adhesive tapes that combine high tensile strength with flexibility.

Paper

Paper is a biobased substitute for plastic film substrates. Saturation increases the tear resistance of the paper substrate, allowing it to reliably seal light to medium-weight cartons.

PLA

PLA has the strength of a plastic carrier, is 100 percent bio-based and biodegradable via industrial composting. With this environmentally friendly carrier, the PLA adhesive tape monta biopack® is the world's first certified sustainable packaging tape.

Reprocessed PP

This eco-friendly film offers identical technical performance as standard OPP. This backing material also preserves limited resources, by utilizing a reprocessed by-product from internal production: It eliminates the need for virgin raw material by 99 percent.

A RANGE YOU CAN RELY ON: PVC ADHESIVE TAPES

PVC adhesive tapes permanently and reliably seal cartons and are ideal for long transport routes by water, air, or land. The durable PVC carrier offers high tear resistance and low elongation. When combined with our one-of-a-kind natural rubber adhesive, a strong bond with excellent initial tack is formed. monta PVC tapes unroll quietly and easily, making them ideal for hand application. They master heavy cartons, high restoring forces, difficult carton surfaces, and large temperature fluctuations. Printed, they are the perfect advertising medium.



		monta 220/281/250	monta 283	monta 201
		The packaging tape	The basic PVC tape	Quiet yet strong
		For medium heavy to heavy cartons, low noise, printable	low noise, printable	embossed film, low noise, easy unwind, printable
Adhesive		Natural Rubber	Natural Rubber	Natural Rubber
Colour				
Tensile strength	N/25mm	100	90	100
	N/cm	40,2	36,2	40,2
Adhesive strength on steel	cN/25mm	500	500	500
	N/cm	2	2	2
Backing	μ	33	32	30

EXTRA STRONG PVC TAPES FOR HEAVY TASKS

Stronger PVC films and adhesive formulations can handle heavy goods and even difficult cardboard qualities.



		monta 124	monta 260	monta 240
		Robust with extra strong adhesive	Robust and extra tear resistant	Robust & strong
		For heavy cartons, low noise, printable, extra strong adhesive	For heavy to very heavy cartons, low noise, printable	For medium heavy to heavy cartons, low noise, printable
Adhesive		Natural Rubber	Natural Rubber	Natural Rubber
Colour				
Tensile strength	N/25mm	150	220	150
	N/cm	60,3	88,5	60,3
Adhesive strength on steel	cN/25mm	550	500	500
	N/cm	2,2	2	2
Backing	μ	39	59	39

COLOURED PVC TAPES HAVE A NAME: MONTA 250F

monta 250F tapes are ideal for sealing cartons and bags, for colour coding and marking. They score with brilliant colours, a strong backing material and the reliable natural rubber adhesive. Printed, they are an attractive advertising medium and eye-catching messenger.



		monta 250F	monta 250FS
		Coloured PVC	Coloured PVC
		For medium heavy to heavy cartons, low noise, printable	For medium heavy to heavy cartons, low noise, printable
Adhesive		Natural Rubber	Natural Rubber
Colour		● ● ● ● ●	●
Tensile strength	N/25mm	100	100
	N/cm	40,2	40,2
Adhesive strength on steel	cN/25mm	500	500
	N/cm	2	2
Backing	μ	36	36











monta Greenline - sustainable packaging tapes

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 CO2 emissions, we support recognised and certified offset projects.

	monta biopack® 860	monta biopack® 860 LG	monta Paper 840 & Paper 850	monta Paper 841	monta reTec 831
	90% bio-based* & biodegradable	„Visibly Green“ communicates its own sustainability	For mono-material packaging solutions	For mono-material packaging solutions with natural look	Film with ≥ 99% reprocessed PP
	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, printable, hand-tearable	For medium heavy cartons, low noise, printable, hand-tearable	For medium-heavy to heavy cartons
Adhesive	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber
Backing material	PLA	PLA	Paper	Paper	≥ 99% reprocessed PP
Colour					
Tensile strength N/25mm	80	80	80	80	100
N/cm	32,2	32,2	32,2	32,2	40,2
Adhesive strength on steel cN/25mm	500	500	400	400	500
N/cm	2	2	1,6	1,6	2
Backing μ	30	30	60 g	60 g	28
Sustainability	Industrially compostable 90% bio-based* 	Industrially compostable 90% bio-based* 	Paper from sustainable forestry Adhesive tape 65% bio-based*	Paper from sustainable forestry Adhesive tape 65% bio-based*	Preserves fossil resources, eliminates need for virgin PP by ≥ 99%

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

* Based on dry weight

UNIVERSAL AND VERSATILE - BOPP ADHESIVE TAPES

BOPP adhesive tapes are available with a wide range of product characteristics, including low-noise versions, specific heavy-duty solutions, and basic versions for less demanding applications.

ONE FAMILY FOR (ALMOST) EVERYTHING - BOPP WITH NATURAL RUBBER ADHESIVE

BOPP tapes with natural rubber adhesive are designed for carton sealing and are suited for sub-zero applications. They are available in a variety of thicknesses and adhesive formulations, depending on the application. Also ideal for automatic packaging lines.



		monta 331	monta 335	monta 325	monta 3311
		The Classic	The strong brother	The basic version	The high-tack tape
		For sub-zero applications, ideal for automatic packing machines	For sub-zero applications, ideal for automatic packing machines	For sub-zero applications	For sub-zero applications, ideal for automatic packing machines
Adhesive		Natural Rubber	Natural Rubber	Natural Rubber	Natural Rubber
Colour		● ● ○	● ●	●	●
Tensile strength	N/25mm	100	110	90	100
	N/cm	40,2	44,2	36,2	40,2
Adhesive strength on steel	cN/25mm	500	500	500	700
	N/cm	2	2	2	2,8
Backing	μ	28	31	25	28



	monta 315	monta 310
	The Office Tape!	The basic version
	For medium-heavy to heavy cartons, low noise, easy unwind	For medium-heavy cartons, low noise, easy unwind
Adhesive	Natural Rubber	Natural Rubber
Colour		
Tensile strength N/25mm	110	100
N/cm	44,2	40,2
Adhesive strength on steel cN/25mm	300	300
N/cm	1,2	1,2
Backing μ	35	31

LOW NOISE BOPP TAPES WITH NATURAL RUBBER ADHESIVE

Our LowNoise adhesive tapes are a lifesaver for those with sensitive hearing. They are ideal when low noise levels and ergonomic working conditions are a priority. They are pleasantly quiet and easy to apply.

Great for sealing kraft and test liners thanks to their natural rubber adhesive.

BOPP TAPES FOR TOUGH CASES

For heavy cartons and packing hazardous materials.



	monta 350	monta 351	monta 361
	The heavy-duty tape	For hazardous goods	For hazardous goods
	For very heavy cartons	Longitudinal fibre glass reinforced	Longitudinal and cross-directional fibre glass reinforced
Adhesive	Natural Rubber	Hotmelt	Hotmelt
Colour			
Tensile strength N/25mm	170	650	750
N/cm	68,4	261,4	301,6
Adhesive strength on steel cN/25mm	500	1800	2000
N/cm	2	7,2	8
Backing μ	49	120*	130*

* Total thickness

THE SPECIALISTS FOR STRENGTH & FLEXIBILITY - PET TAPES WITH NATURAL RUBBER ADHESIVE

Our PET adhesive tapes are the ideal choice for applications that require a flexible adhesive tape that performs well under high stress. Used as prematerial for carry handles, tear and self-adhesive strips, PET tapes are also ideal for sealing heavy to very heavy cartons.

	monta 377	monta 370
	For high-end applications	Strength & flexibility combined
	For packaging subject to very high stress loads, as prematerial for Carry Handles	For tin & carton sealing, as prematerial for tear and self-adhesive strips
Adhesive	Natural Rubber	Natural Rubber
Colour	●	●
Tensile strength N/25mm	150	100
N/cm	60,3	40,2
Adhesive strength on steel cN/25mm	500	500
N/cm	2	2
Backing μ	50	23



PET SECURITY TAPE

	monta 623F
	Makes tampering detectable!
	Security text in 5 languages
Adhesive	Acrylic
Colour	●
Tensile strength N/25 mm	110
N/cm	44,2
Backing μ	23



Protects items against unauthorized access during shipping and makes tampering with the carton easy to detect.



MOPP ADHESIVE TAPES WITH GREAT STABILITY

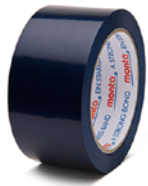
MOPP adhesive tapes are exceptionally strong, tear-resistant, and nearly indestructible. When specific characteristics are needed for packing, strapping, or bundling large products, such as steel coils or pallets, this is the material to use.

MOPP is ideal for a wide range of industrial and commercial applications thanks to its strong tensile strength and minimal elongation.



		monta 340F	monta 340	monta 343F
		Securing pallets	Prematerial for Carry Handles	Securing parts and components for shipping, e.g. white goods
		High tensile strength	High tensile strength	Very high tensile strength
Adhesive		Natural Rubber	Natural Rubber	Natural Rubber
Colour		○ ●	●	●
Tensile strength	N/25mm	400	400	450
	N/cm	160,8	160,8	180,9
Adhesive strength on steel	cN/25mm	700	700	700
	N/cm	2,8	2,8	2,8
Backing	μ	55	55	85





monta 256F

Surface protection for indoor use

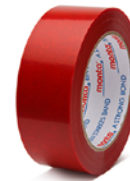
Residue-free removal*

Adhesive	Natural Rubber	
Colour	●	
Tensile strength	N/25mm	100
	N/cm	40,2
Adhesive strength on steel	cN/25mm	300
	N/cm	1,2
Backing	μ	36

*Subject to environmental conditions. To confirm suitability, we highly recommend testing prior to application. Contact us for technical support.

SURFACE PROTECTION

PVC adhesive tapes for surface protection combine a special low-tack natural rubber adhesives with easy application.



monta 257F

The splice tape

Thermoformable

Adhesive	Natural Rubber	
Colour	●	
Tensile strength	N/25mm	60
	N/cm	24
Adhesive strength on steel	cN/25mm	500
	N/cm	2,0
Backing μ	50	

SPLICING TAPES FOR EFFICIENT PROCESSES

THERMOFORMABLE SPLICING TAPE

monta 257F is a splicing tape, developed to withstand the physical stress of the thermoforming process for the production of blister packs. It adheres to polar and non-polar substrates, making it suitable for splicing a wide range of web materials. Its red colour ensures a consistent detection by photoelectric sensors, automatically discarding the non-conformity blister pack that carries the red splicing tape.

SPLICING TAPE

PVC tapes, such as the coloured monta 250F, are frequently used for splicing applications that do not require thermoforming capacity.

Contact us for more information.



The thermoformable monta 257F contributes to efficient blister manufacturing operations.

CRITERIA FOR DETERMINING THE MOST SUITABLE PACKAGING TAPE

- Cardboard/corrugated board quality
- The packed carton's weight
- Use of hand dispenser or automated packer
- Climatic and mechanical stress during transportation
- Special features such as hazardous goods or deep-freeze suitability
- Printability of the adhesive tape

		Adhesive	Backing material	monta product	Low noise	Easy unwind	For carton weight*	High tensile strength	For challenges (testliner, dusty surfaces...)	Resistance to diluted acids & alkalis	Mechanical & climatic stresses	Printable	Suitable for freezer application	UV resistant	Application with hand dispenser	Automated packing machine	
Natural Rubber	PVC	220/250/281	●		●●●			●	●	●			●			○	
		283	●		●●			●	●	●			●				
		201	●	●●	●●●		●	●	●	●	●			●			
		124	●		●●●	●	●	●	●	●	●			●			○
		260	●		●●●●	●	●	●	●	●	●			●			
		240	●		●●●	●		●	●	●	●			●			
	250F/250FS	●		●●●				●	●	●			●				
	PLA	860/860LG			●●●			●	●		●			●		●	
	Paper	840/850/841	●	●●	●●				●	●	●			●		●	
	PP	831			●	●●●			●	●		●		●		●	
	PET	370			●	●●●	●		●	●				●		●	
		377			●	●●●●	●		●	●				●		●	
	OPP	331			●	●●●			●	●		●		●		●	
		335			●	●●●			●	●		●		●		●	
		325			●	●●			●	●		●		●		●	
		3311			●	●●●			●	●		●		●		●	
315		●	●	●●●				●	●		●		●		●		
310		●	●	●●				●	●		●		●		●		
Hot-melt	350			●	●●●●	●		●	●		●		●		●		
	351			●	●●●●	●							●				
	361			●	●●●●	●							●				
				●	●●●●	●							●				

* For carton weight: ● light ●● medium-heavy ●●● heavy ●●●● very heavy
○ Subject to packaging machine.

CHANGE TO...

...WIDER TAPE

- Overfilled cartons, very heavy cartons
- Very high restoring forces of the carton
- Low height of the cartons
- Cartons open repeatedly

...THICKER/STRONGER CARRIER

- High restoring forces of the cardboard
- Conventional tape tears easily

...A BETTER ADHESIVE SYSTEM

- Tape does not adhere to boxes
- Cartons open during storage
- Climatic challenge (heat/cold)

...INCREASED ADHESIVE THICKNESS

- Difficult surfaces, such as dusty surfaces

...REDUCED ADHESIVE THICKNESS

- Conventional tape adhesion too strong
- Machines with excessive adhesive residue

...ENVIRONMENTALLY FRIENDLY TAPES

- Sustainable tape solution preferred

...FIBRE/FILAMENT-REINFORCED TAPES

- Conventional adhesive tape cannot withstand the load
- Packaging of hazardous goods

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



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