

# Innovative. Sustainable. Intelligent.

Perfect load security for products and goods – thanks to Super-Power-Films available only from the inventor of stretch film.





# Destroyed. Shattered. Ruined.

No matter what you call it – we call it unnecessary. The simple fact is that nobody needs to deal with broken goods due to insufficient load security. That's why professionals rely on stretch films from Manupackaging. Thanks to their high mechanical tear resistance, our certified and recyclable LLDPE films keep every pallet in shape.



# Experience. Expertise. Passion.

When it comes to moving goods from A to B with perfect protection, at Manupackaging we always endeavour to put ourselves in our customers' shoes. Only then can we see, understand and meet our customers' needs in the best possible way. And importantly, we can actively contribute to ensuring that our customers' goods remain undamaged. At every step along the supply chain.

Originally known as Manuli Stretch (part of the Manuli Group, founded 1935 in Milan), Manupackaging is the inventor of stretch film in Europe. Today, Manupackaging manufactures a wide range of 100% recyclable premium products and distributes them in 65 countries around the world. This also includes LLDPE pallet wrapping films, stretch hoods and stretch films for agriculture and waste recycling.

We put our customers' interest first and place great emphasis on detail. Why? Because it's the little things that turn a simple stretch film into the perfect protection for transport. A little more prestretch, a bit more material thickness or a very special material mix – our decades-long experience helps us to select the optimal transport packaging for each of our more than 15,000 customers. If we don't already have the right solution, we can easily develop it at our in-house research and development centre. In addition to the perfect product quality, we always have the best price-performance ratio to give your goods the ideal protection, whether you're moving 30, 1,000 or 6,000 pallets a day.

Just as important as having satisfied customers, we also value using natural resources in a sustainable manner and

protecting the environment. That's why we're constantly optimising our production and logistics processes. We reduce waste consumption, use recycled plastic where possible and, through the development of new high-strength, thin films, we have managed to reduce material consumption per pallet by up to 50% compared to conventional stretch films.

Take advantage of our experience, our expertise and our passion for high-quality and sustainable transport packaging.

Welcome to [manupackaging.com](https://manupackaging.com)!



# Vision. Mission. Markets.

## Vision

We want to be the best sustainable transport packaging service provider for our customers while offering you the optimum price-performance ratio.

## Mission

Added value, growing profitability and responsibility through professionally qualified and motivated employees, state-of-the-art technology and streamlined processes, to consolidate management requirements when providing high-performance industrial and agricultural film for both product and transport protection. Here we put the focus on ensuring an ecological and economic approach for our customers.



## Markets

-  Food industry
-  Beverage industry
-  Tissue paper (hygiene & paper)
-  Food retail (fresh goods & canned goods)
-  Construction (bagged cargo & heavy loading)
-  Paper and printing industry
-  Logistics (haulage & transport)
-  Secondary packaging
-  Dispatch packaging
-  Agriculture
-  Industry (electronics & technology)
-  Recycling and waste recovery

# Research. Development. Innovations.

As a developer and manufacturer of innovative transport packaging, we set new standards within the industry, aiming to deliver a relevant contribution for a circular plastic economy. Whether it's materials, processes or logistics – there's always something to improve. Our specialists from the research and development department tinker with innovations every day to ensure the best product protection for securing loads and transportation.

Thanks to our innovation, Manustif®, non-recyclable film

is being replaced by rigid 100% recyclable LLDPE film. With no set-up times for the changing over of machines, customers will demonstrably benefit from a reduction in CO<sub>2</sub> while contributing to achieving sustainability goals.

Researching, developing and creating new things is something we do best at our customers' sites. With more than 350 monthly machine and film tests, we develop and deliver the perfect film solution for every application.

## Expert service for you:

- Analysis and evaluation of raw material combinations and formulas
- Approval of new raw material suppliers and additives
- Technical approval of films at customers' sites
- Development of innovative applications and solutions
- Dynamic and mechanical test equipment
- Optical inspection equipment (permeability, opacity, clarity, gloss, colour)
- Equipment for testing density, thickness, tension, etc.

 <p>4 production sites</p>	 <p>11 business sites</p>	 <p>600+ employees</p>	 <p>65+ national markets</p>
 <p>15,000+ customers</p>	 <p>&gt; 150,000 t production capacity</p>	 <p>130,000 m<sup>2</sup> property size</p>	 <p>100 passion</p>

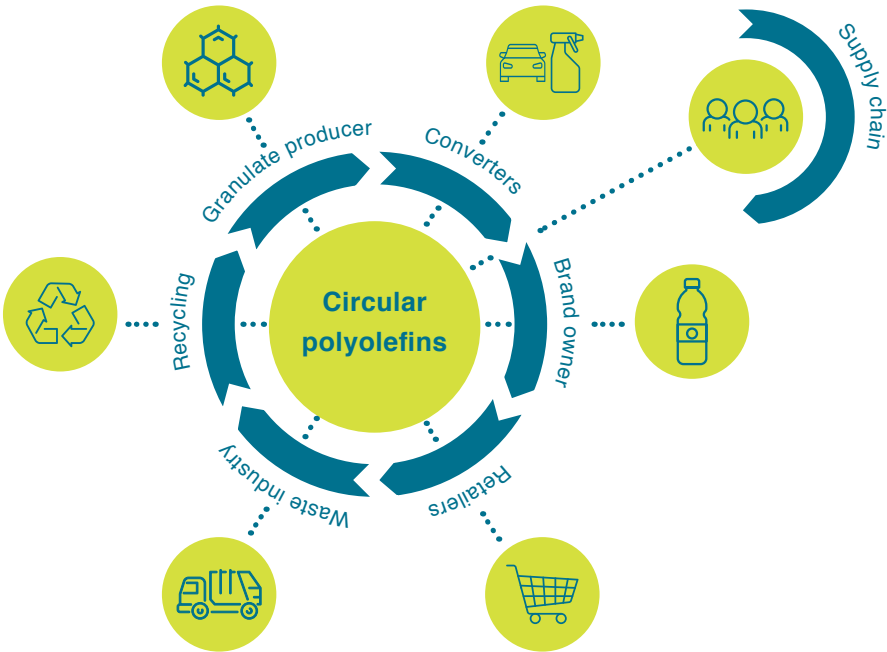


# Protect. Preserve. Maintain.

It is our daily business to protect products and goods, at every location and with every movement.

With our product portfolio, we make an active contribution to environmental protection.

The sustainable treatment of our earth and natural resources is firmly anchored in the DNA of Manupackaging.



## We adhere to clear guidelines for the protection of natural resources:

- Reducing waste consumption
- Recycling plastic and other materials in the company and the use of recycled plastics in certain product groups
- Limiting the consumption of virgin raw materials, primarily focusing on energy savings
- Rationalisation of the consumption of virgin raw materials, especially pure granulate and other materials

We take responsibility for maintaining the ecological balance.

## Want our expertise? We are happy to share it!

With partners and specialists from research and industry, we are continuously working on further developments for film applications that make a relevant contribution to a sustainable circular economy along the entire supply chain.

# Proud. Passionate. Happy.

All together! Because with our latest development, the Manunature® range, we've brought the future into the present with a transport solution using 100% recyclable stretch film. Ecological, economical, simply perfect.

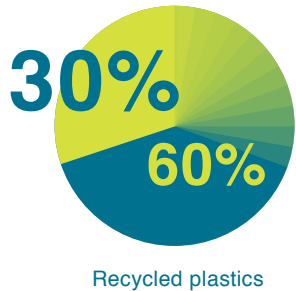
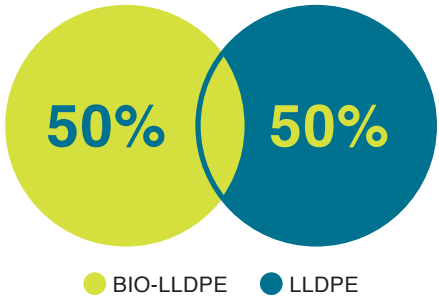
## Manunature® BB

Manufactured using renewable raw materials, it consists of 50% organic LLDPE, a waste product from the timber industry. Simply brilliant: with every kilogram of organic LLDPE raw

material used in Manunature® BB production, two kilograms of CO<sub>2</sub> are taken out of the atmosphere. In addition, Manunature® BB is 100% recyclable.

## Manunature® RR

The high-quality, high-performance polyethylene stretch film, Manunature® RR, is 100% recyclable. It is composed of at least 30% post-commercial recycled plastics and, depending on the intended use, up to 60% regenerated material in total. For a true circular economy.



## Manunature® BD

Manunature® BD is biodegradable\* and 100% recyclable. As a result of the biological degradation process, the polymers decompose to CO<sub>2</sub>, water and biomass. There are no microplastics.



Manunature® BD is 100% usable and recyclable 12 months after the production date. Only then does the natural decomposition process begin.

\* Under certain conditions (see graphic).

# Super. Power. Film.

Manustar® SC is undoubtedly a real star in our range of machine stretch films. The 'one for almost everything' makes a big impression thanks to its high load stability, its impressive puncture and tear resistance as well as its unparalleled holding force and performance of up to 400% prestretch. At the same time, Manustar® SC is 100% recyclable and ensures a significant reduction in environmental pollution.

## Ideal for



Bricks



Ceramic products



Cement



Chemicals



Canned products



Retail & logistics



Food industry



Frozen products



Sharp-edged cargo



Heavy loads

S\*\*t.  
C\*\*p.  
D\*\*n.

Find out more via our  
homepage at:  
[www.manupackaging.com](http://www.manupackaging.com)

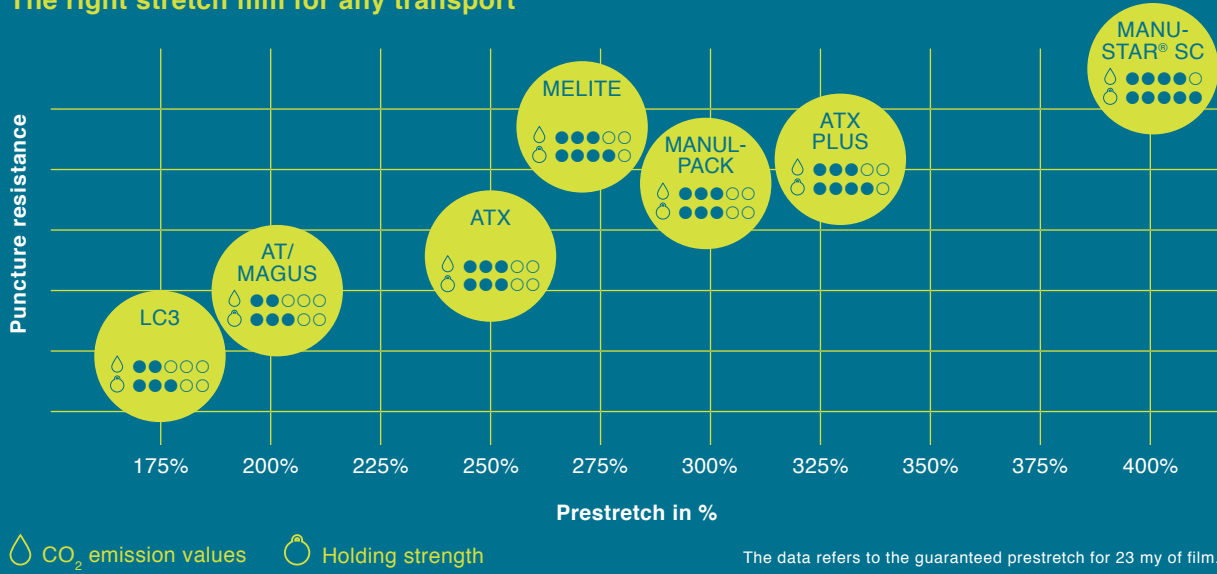
No matter what words come to mind at the sight of broken cargo – we've heard them all. Transport damage can be easily avoided. With high-performance stretch films, precisely fitting stretch hoods and many other products from Manupackaging, we do our part to ensure that your goods arrive safely in one piece.

# Approval. Permission. Certificate.

Manupackaging has all the necessary accreditations to guarantee that using our products is safe. We also organise and get involved in specialist committees and interest groups, to ensure resources are used sustainably and the environment is protected.

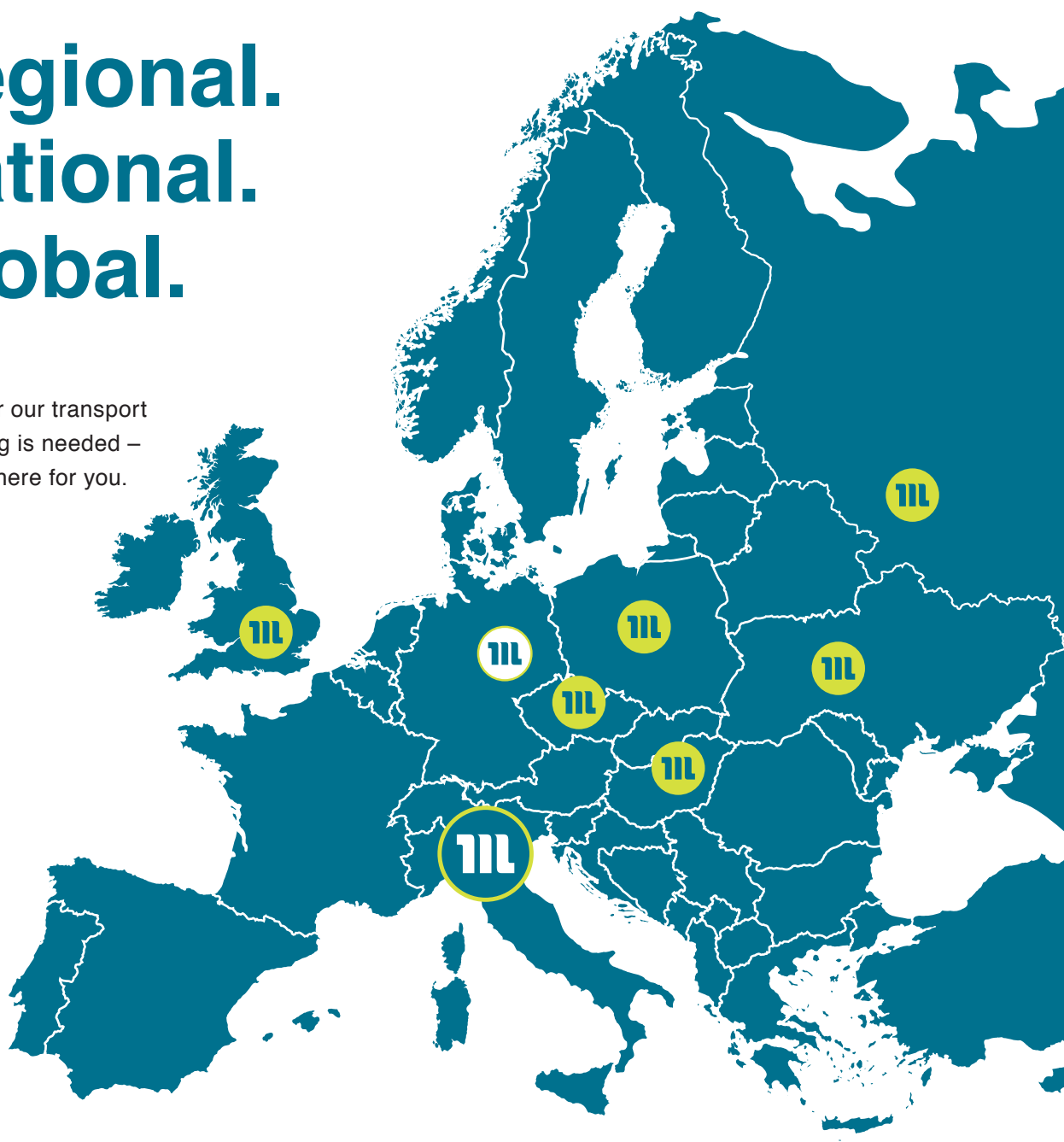
	<b>ISO 9001:2015</b> Quality assurance system, Germany		<b>ISO 14001:2015</b> Environmental management system, Germany
	<b>ISO 50001:2018</b> Energy management system, Germany		<b>SEDEX MEMBER</b> Sustainable development supply chain, Germany
	<b>PROSTRETCH</b> Germany		<b>ERDE</b> Crop plastics recycling, Germany
	<b>EUMOS MEMBER</b> European Safe Logistics Association, Germany		<b>ISCC</b> Sustainability and carbon certification, Germany

The right stretch film for any transport



# Regional. National. Global.

Wherever our transport packaging is needed – we'll be there for you.



## Headquarters




Milan, Italy

## Headquarters of Research & Development, Production and Sales

Schkopau near Leipzig, Germany

-  Headquarters
-  Production site
-  Business sites

## Other production sites

-  Buenos Aires, Argentina
-  Curitiba, Brazil
-  Manaus, Brazil



Check out our website:  
[www.manupackaging.com](http://www.manupackaging.com)



# Together. United. Cooperation.

**Excellent service for perfect load  
securing as well as answers to all  
your questions just here:**

Phone: +49 (0)3461 7459 974

Email: [customercare@manupackaging.com](mailto:customercare@manupackaging.com)

[www.manupackaging.com](http://www.manupackaging.com)

