

PLANNING AHEAD

FOR TOMORROW'S WORLD

Sustainable industrial films
and packaging
for all applications



Quality

from the expert
for film solutions

Polyethylene
films from
just 6 µm



High tech film

pergafilm® - the innovative solution for industrial applications. We cater for all our customers' requirements with tailor-made mono and coextruded films made from PE-HD, PE-LD and other polyethylenes.



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Packaging

With our **allfolin**® range, we offer ecological and hygienic packaging for food and non-food items. We meet our customers' individual needs with a broad product range.



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Raw materials correctly recycled

Conserving resources and the associated reduction in CO₂ emissions are considered to be the primary challenges - and rightly so. For many years, our service portfolio has included processing our own waste, because resources are finite.



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We manufacture at the highest level

Founded in 1970, Perga is now one of the leading manufacturers of mono and coextruded films, and packaging based on PE-HD, PE-LD and other polyethylenes. Our company's continuing success is made possible through our creativity, reliability and a highly developed sense of the need for quality. We also have a good working relationship with our customers and suppliers based on a genuine sense of partnership. Furthermore, our success is down to our many dedicated staff, who manufacture precisely those products that our customers need on a daily basis.

- ✕ Competent and experienced staff
- ✕ Use of only select raw materials
- ✕ Hygienic production according to the international BRC hygiene
- ✕ Use of advanced machining centres

Extrusion Our core skill

We use advanced equipment to produce both **mono films and coextruded films**. As it is discharged, the molten tube is stretched extremely thinly, both longitudinally and laterally. This is achieved by blowing air in centrally, which not only stretches the tube mechanically, but also cools it and therefore fixes it in that form.



Printing Looks matter

With our **flexographic printing presses**, which are also suitable for smaller batch sizes, we print your films using the latest technology. A brilliant printed image makes you stand out from your competitors and creates a memorable impression.

Series production Special or standard

Competent and experienced employees produce **high and low volume series** for our customers. By keeping the working area clean with airlocks and other measures, we are able to offer certified hygiene with our products. A well-assorted standard range guarantees supply to our customers, as products are available straight from the warehouse.

Sustainability

more than a trend – a long-standing commitment for Perga

At Perga, commitment to sustainability is not just a hollow phrase intended to reflect the zeitgeist. We have always faced up to this challenge. We take action – by producing premium quality products in an environmentally responsible manner, whether they are destined for the processing industry, wholesale, retail or shops. We take care to choose **the most environmentally compatible, 100 % recyclable raw materials, and to ensure a closed material cycle.**

Products that are 100 % recyclable

As one of the leading manufacturers of high grade film products, sustainable production is a key area of responsibility for Perga. With regard to films and packaging in particular, the protection of the environment is an important and sensitive

topic. This applies especially to the reduction of emissions and conservation of natural resources. All of our products are therefore 100 % recyclable and can be easily re-processed in order to obtain new granulate for manufacturing films.



50%

less CO₂
emissions



100%

recyclable
products



Use of
only select
raw materials

Going green starts with production

- ✗ Reduction of CO₂ emissions in product manufacture
- ✗ Secondary catalytic combustion of solvents
- ✗ Increase in energy efficiency
- ✗ Use of bioheat
- ✗ Waste water filtering
- ✗ 100 % recycling of PE production waste
- ✗ Waste disposal only through certified specialist companies



- ✕ Stringent working conditions as per the German Protection against Infection Act (IfSG)
- ✕ Advanced and powerful ventilation system
- ✕ Working area kept clean by airlocks
- ✕ Staff training on hygiene regulations
- ✕ Ventilation ducts with special fly screens

Certified hygiene checked regularly

With Perga, you can rest assured that your products comply with all regulations and laws, including the required Declaration of Conformity.

For our customers only the best

Countries in the EU are subject to the most stringent regulations anywhere in the world. From a number of discussions, we have seen that the actual significance of this issue is often seriously underestimated and the legal implications are not known. **With our films and packaging, you are 100 % secure.**

BRC certification Quality “Made in Germany”

The global standard for food safety.
The aim of this standard is to prevent contamination damage to food caused by packaging materials.

Perga product lines

purest environmental offensive

100%

- ✗ Recyclable products
- ✗ Certified hygiene
- ✗ Made in Germany

Sustainable films and packaging for all applications. With our four product lines, we can easily meet all customer requirements, even the most complex ones. Through these specially developed material versions for our products **allfolin®** and **pergafilm®** our customers can choose from an immense variety – always exactly tailored to the individual demands.

white line)



Perga's classic tried-and-tested polyethylene products – 100 % recyclable and high quality. The **high functionality** of this product line stands in the foreground.

green line)



Film manufactured with alternative, sustainable and regenerative raw materials. Our materials are highly environmentally responsible and some are even **compostable**.

blue line)



We use **recycled plastic** as our raw material in this product line. You can choose between post-consumer and post-industrial recycling.

color line)



A colourful mix of diverse materials other than plastic, for every conceivable purpose.

The **pergafilm®** brand

High tech films for industry

Available in the following versions:

pergafilm® LDPE

pergafilm® HDPE

pergafilm® COEX



Robust laminated films

For food and non-food applications

pergafilm® laminated films are highly tear-resistant – at both low and high temperatures. For product packaging, particular emphasis is generally placed on airtightness and durability, even in difficult storage conditions. Naturally, pergafilm® is 100 % recyclable.



Label and graphic films

Highly versatile

pergafilm® can be used for any labelling application where resistance to water, oil and/or chemicals is required. The properties of graphic films include good flatness and excellent die cutting properties. They are well protected against external influences and of course, perfectly suited to printing.



Reliable films for automated filling

For a variety of uses

pergafilm® The key feature of our films is their suitability for rapid, uninterrupted processing in advanced automated package filling systems. They also allow high quality printing. Our films made from PE-LD and PE-HD are also totally physiologically safe and therefore food-safe. They are 100 % recyclable.



Films for transportation

Innovative solutions

pergafilm® Our mono films and coextruded films for the manufacture of a wide range of packaging offer many benefits, including reliable protection against contamination – hygienic, practical and with almost unlimited applications.



Special customised films

For industrial requirements

pergafilm® is the innovative solution for special industrial applications. Selected, high grade raw materials and reliable processing technologies guarantee the highest quality. We use raw materials which are, for example, resistant to aggressive substances, highly tear-resistant, withstand large temperature fluctuations or allow good machinability.



The **allfolin®** brand

Sustainable packaging

Ecological, hygienic, market leading



Pre-cut sheets and wrapping sheets

Hygiene is our no. 1 priority

allfolin® sheet guarantees the highest level of freshness for meat, cold cuts, cheese and fish. In extensive studies by independent food chemists, the allfolin® sheet series has been awarded top marks for maintaining freshness. Our wrapping sheets are available in individual sizes and dimensions.



Bags and carriers

Tear-resistant and environmentally responsible

allfolin® bag is our brand for carriers and bags. It is perfectly designed for packaging and transporting goods of any kind. Here are just a few of the products in the range: carrier bags with / without reinforced punched handle holes, end seam bags, vest carrier bags, shirt carrier bags, knot bags, wicket bags and bags with side or bottom gusset.



Sacks and covers

Available in a wide variety of designs

allfolin® bag for packing and protecting. From our extensive product range, we supply sacks and covers for food and non-food applications. We also offer very thin, transparent films for protecting or storing items of clothing, and tear-resistant protective covers for car tyres. The number of uses is almost endless.



Deli containers with freshness guarantee

Transparent, visible freshness

allfolin® cup guarantees sealed-in freshness for delicatessen products, salads, cream cheese, antipasti and many more. We produce our 4 and 8-corner boxes in many different sizes and designs.

The **allfolin® sheet** range

Fresh packaging



- ⊕ PE-HD foil (40 g/m²)
- ⊕ paper-like
- ⊕ superb for wrapping food
- ⊕ highest level of freshness for meat, cold cuts, cheese and fish



- ⊕ PE-HD foil (26 g/m²)
- ⊕ paper-like
- ⊕ good for wrapping food
- ⊕ good level of freshness for meat, cold cuts, cheese and fish



Do you always have your required declaration of conformity to hand?
With allfolin® it is always available to you:
www.perga.com

Do you have it? This symbol indicates it

The **glass fork symbol** indicates packaging that is approved for use with food.

All allfolin® products meet these requirements. However, it is the responsibility of each retailer to check for themselves whether the packaging they place on the market is legally compliant.

Properties of the allfolin® sheet series

- ✗ The highest level of freshness for food
- ✗ Waterproof, greaseproof, foldable and writeable
- ✗ Cold and heat-resistant
- ✗ Compliant with all food safety regulations
- ✗ Environmentally responsible and recyclable

Food foil



- ⊕ tear-resistant, embossed, salmon-coloured PE-HD foil
- ⊕ convenient easy-grip surface
- ⊕ good for wrapping food



- ⊕ transparent PE-HD foil
- ⊕ good for wrapping food



- ⊕ a highly transparent PE-HD foil
- ⊕ good for wrapping fresh
- ⊕ for food or for separating individual slices
- ⊕ supplied either in practical dispensers or in blocks



The **pergaloop**® brand

Raw materials correctly recycled

Closing the loop

Available in
the following
versions:

Post-Consumer-Rezyklat

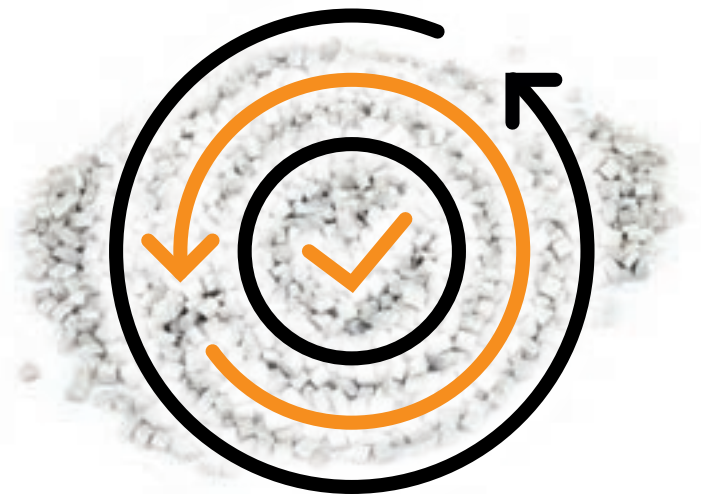


Post-Industry-Rezyklat



Professional reuse of raw materials

Regranulate from recycled plastic waste has now become a viable alternative to producing new goods – as long as it is processed to a professional standard, of course. Having processed high grade plastic granulate for over 50 years, we are very well qualified to judge the quality of the results that we achieve through recycling. This is why we have decided to use this sustainable method.



Environmental protection

Conserving resources through regranulation

Conserving resources and the associated reduction in CO₂ emissions are considered to be the primary challenges – and rightly so. For many years, our service portfolio has included processing our own waste, because resources are finite.



Single variety

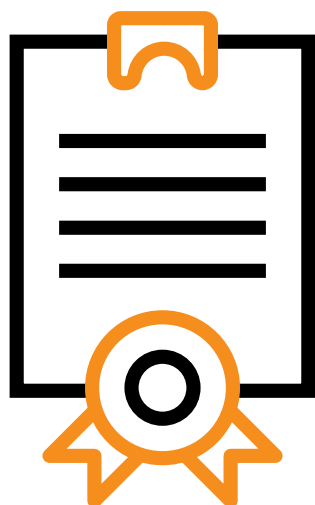
Recycling of plastic granulate from production waste

We produce millions of plastic products every year, of which a significant amount inevitably ends up as waste material. Of course, no one knows better than we do what source materials, granulate and grade of granulate we used for manufacture. This makes us the obvious choice for producing perfectly sorted, high grade regranulate.

Quality
consistently
implemented

Conformity and certificates

Result of hard work



Perga is certified according to:

- | | |
|---|---|
| <ul style="list-style-type: none"> + Certificate
ISO 9001:2015
Quality management | <ul style="list-style-type: none"> + Explanation
GKV Code of conduct |
| <ul style="list-style-type: none"> + Certificate
DIN EN ISO 50001
Energy management | <ul style="list-style-type: none"> + Certificate
Blue Angel films |
| <ul style="list-style-type: none"> + BRC certificate
Special hygiene
for food packaging | <ul style="list-style-type: none"> + Certificate
Blue Angel packaging |
| <ul style="list-style-type: none"> + Certificate
GKV Code of conduct | <ul style="list-style-type: none"> + Certificate
HALAL |
| | <ul style="list-style-type: none"> + Specialist disposal company |
| | <ul style="list-style-type: none"> + Recycling capability |





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100%

**Recyclable products
Certified hygiene
Made in Germany**