



MANUFACTURER OF PLASTIC PACKAGING | PACKAGING SYSTEMS SUPPLIER



SPECIALIST IN ENVIRONMENTALLY FRIENDLY PACKAGING

We live  Sustainability.



DIN EN ISO 9001



Sustainability and energy management





Short portrait

- Medium-sized owner-operated Manufacturer of plastic packaging and Packaging Systems Supplier
- Reliable packaging partner to our customers from industry, services and commerce for more than 50 years
- Most extensive standard range of polyethylene (PE) goods in North Rhine Westphalia; we can often deliver much faster than others
- Responsible management with long-term good relations to customers, employees and suppliers
- Certified quality management system (DIN EN ISO 9001) and production in Germany, South Westphalia
- 2016 New construction of the production and administration site in Iserlohn, warehouse capacity expanded
- Completely modern, fast, flexible machinery for narrow bags to extra-wide hoods
- Extensive range of special films (including VCI, ESD, BIO, pharmaceutical, COEX films etc.)
- Very environmentally oriented, climate-neutral company with climate-neutral products on request (small surcharge)
- We are part of the Alliance for Development and Climate, a broad social alliance for climate protection.



As a specialist in sustainable packaging, we offer products such as premium RECOMPOUND (recycled PE material in very good quality), compostable film (e.g. based on corn or potato starch) or recyclable organic film (sugar cane-based) and all products are climate-neutral on request thanks to CO₂ offsetting.



Corporate Principles

The needs and requirements of our **customers and our employees** are at the forefront of our activities. We offer our customers an outstanding price-performance ratio as well as excellent service, e.g. through a personal contact person in sales, highly flexible, reliable production options and short delivery times thanks to a very large stock of raw materials.

Our **environmental policy** commits us to measures that go beyond the legal requirements and DIN EN ISO 14001 and 50001. Among other things, as a supporter of the "Alliance for Development and Climate", we are a climate-neutral company, a specialist in environmentally friendly products with a recycling rate of over 90% and offer all products climate-neutrally on request.



The human being



in the center

Ensuring the **quality** of our products and processes is a central element of our corporate policy. The trust of our customers is based on consistently high quality. This is guaranteed by the consistent implementation of the quality management system by all employees. Our quality management system has been certified to DIN EN ISO 9001 for more than 15 years.

As a family business, we are **value-oriented** and socially committed, cooperate with the "Iserlohner Werkstätten" for employees and rely on very long-term, trusting relationships with customers, suppliers and employees. Our guiding principle is the international EU "Guideline for the social responsibility of organizations (DIN ISO 26000)".



Worth knowing about polyethylene

In the production are used ...

3 times less Carbon monoxide

6 times less Nitric oxide

8 times less Hydrocarbon

13 times less Sulfur dioxide

258 times less Dust

... than for other materials.



Environmental friendliness and technical properties

- Plastic films made of polyethylene (PE) contain the same basic organic substances as wood and plant fibers, namely only carbon and water.
- PE films burn without residue to form carbon dioxide and water. No toxic vapors or gases are produced, and no slag is formed.
- PE films contain no plasticizers and no heavy metals. They are physiologically harmless.
- The production of PE films produces neither odors nor waste water.
- The use of raw materials, energy consumption during production, water consumption, weight and space requirements at landfills are much lower for PE films than for comparable materials such as wood, paper, corn, etc.
- PE films have high tear and wet strength. PE films are groundwater-neutral in landfills and a welcome energy donor in incinerators.

Poly-Pack Premium RECOMPOUND



Poly-Pack Premium RECOMPOUND stands for packaging made from high-grade recycled PE film.

It differs strongly from inferior regenerates and is an important building block of our corporate orientation.

By using recycled material, we contribute within our scope to reduce plastic waste in the oceans and to protect the environment.

Carbon neutral company

The idea of the climate-neutral company: Taking responsibility for the environment, namely for the carbon dioxide (CO₂) emissions that one causes oneself. These are compensated 100% by a climate protection project.

We have chosen a project in Togo in West Africa, where CO₂ is reduced again by the same amount through the reforestation of trees. In addition, the people there benefit from many social improvements.

more: <https://www.natureoffice.com/en/>





Overview organic films

RECOMPOUND

- For packaging that does not have to be food-safe, PE films made from **high-quality recycled material** can be used for film thicknesses (thicknesses) > 50 µ, which differ greatly from low-grade recomponds.
- This recompond material is recycled PE, which is a by-product of film extrusion and is optically indistinguishable from 1A material. It has comparable properties. The German Federal Environmental Agency recommends this solution because the environmental balance is the best.
- The film can be printed with a logo on request, so that you can point out your environmental commitment to your customers.
- We do not charge extra for this material.** Depending on the market situation, it may even be a price advantage.

In our opinion, the combination of recompond material - if applicable - and certified climate neutrality makes the most sense from both a marketing and an environmental point of view. You can highlight both in an effective advertising way with an imprint.

PE CARBON NEUTRAL

- With this variant, you use "normal" PE film based on fossil raw materials (e.g. recycle). In order to compensate for the climate impact, we make **compensation payments** to your desired climate protection project.
- We offer you a choice of various climate protection projects. You will receive an original certificate for the project of your choice. We ourselves are a CO₂-neutral company and can deliver all products climate-neutral on request.
- With appropriate purchase quantities, a corresponding logo can be printed on the film to draw your customers' attention to your commitment. Alternatively, we can also supply stickers.
- This will increase your packaging costs by a maximum of 2%.** A small contribution, but one that is good for the environment.

BIOBASED LD-PE

- If you need LD-PE: We use "OK biobased" with 4 stars **based on sugar cane**, where it is certified that the **organic content is at least 80%** (100% is not technically possible at the moment).
- Here, a waste product is used that is produced anyway during the sugar cane harvest. No additional arable land is required.
- The film is indistinguishable from fossil-based LD-PE and can also be recycled in combination with it in the normal cycle.
- Of course, an appropriate logo can also be applied here.
- However, depending on the market situation, **the additional costs amount to approx. 50 %.**

This material is already widely used by our Dutch neighbors, who are much further ahead than us in Germany when it comes to organic films.

COMPOSTABLE FILMS

- This is more frequently requested by customers, but in our opinion the least sensible organic variant, is the use of **compostable film based on corn or potato starch.**
- The very fact that these films can only be composted in industrial composting plants and will most likely never be disposed of there casts doubt on the usefulness of this material. Information on the problem of these plastics can be found on the website of the Federal Environment Agency at:
www.umweltbundesamt.de.
- Of course, we can still offer you this variant and - in this case - print it accordingly.
- The additional costs amount to approx. 350%,** depending on the current market situation in each case.

This material actually corresponds best to the organic concept, but is still the least environmentally friendly alternative today.



Product range

MANUFACTURER OF PLASTIC PACKAGING

BAGS AND SACKS

- Flat bags and sacks
- Side gusset bags and sacks
- Adjustment bags
- Tear resistant garbage bags
- Various special bags



HOODS

- Shrink hoods
- Cover hoods
- Y-hoods (S-hoods)
- Oversized hoods
- Box hoods



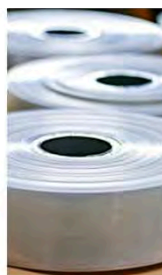
SPECIAL FILMS

- VCI products (corrosion protection)
- ESD products (protection against electrostatic discharge)
- Biofilm products
- Stretch, Bubble wrap, Foam (film) products
- Printed items



FLAT AND BLOWN FILM

- Side gusseted film
- Flat films / cover films
- Centrefold film
- Sections of PE blown film
- Film sections



PACKAGING SYSTEMS SUPPLIER

STRETCH FILM

- Hand stretch film
- Machine stretch film
- Equipment and accessories



AIR CUSHION / FOAM FOLIEN products

- Packaging products from foam film
- Bubble wrap packaging products



CARDBOARD PACKAGING

- Cardboard boxes (standard/special sizes)
- Corrugated cardboard products
- Octabins
- Containers (PC)
- Filling, cushioning and fixing materials



OTHER PACKAGING PRODUCTS

- Strapping tapes
- Adhesive and packing tapes
- Sealing systems
- Welding equipment
- Industrial hygiene articles
- Protective masks and face shields
- Pallets



All products climate neutral on request

All products climate neutral on request



All products climate neutral on request

All products climate neutral on request

A

- Adhesive closure bags
- Adhesion flap bags
- Adhesive-lock bags Adhesive tapes
- Adhesive rolls
- Air cushion bags
- Air bubble films
- Antibacterial film products
- Anti-slip products (with GUR)
- Antistatic products (ESD special film)
- Antistatic products (antistatic agent)

B

- Bags
- Bags on roll (tear-off bags)
- Barrier film products (COEX)
- Blanks (foil blanks)
- Block bags
- Block bottom bags
- Bottom gusset bags
- Box covers
- Box covers (gusseted bags)
- Box inserts (inlays)
- Bread bags
- Bubble bags

C

- Cardboard boxes
- Chemicals bags
- Cleaning paper / wiping cloth - rolls
- Composite films (COEX)
- Closure bags
- COEX (multilayer) film products
- Colored products (opaque = opaque) dto. (translucent = not opaque)
- Compostable film products
- Construction films (cover films)
- Corrosion protection products (VCI)
- Corrugated Cardboard Products
- Corrugated cardboard bags
- Cover foils
- Cover tarpaulins
- Cross bottom bags and sacks

D

- Dental bags (pressure seal bags)
- Dispenser systems for hygiene articles
- Double bottom seam products
- Double chamber bags
- Drawstring bags
- Drills for eyelet wires

E

- ECO films (BIO)
- Eurohole bags (sealing bags)
- ESD bags (special antistatic bags)
- Eyelet wires

F

- FFP2 masks
- Fillers
- Film blanks (cuttings)
- Fixing materials
- Flat bags and sacks
- Flat films
- Flap bags
- Foam (film) products
- Food safe products

G

- Garbage bags (standard: blue opaque)
- Grip-hole bags

H

- Hand shrink equipment
- Hand stretch film
- Hand washing pastes / liquid soaps
- HDPE products (high density PE *)
- Header bags
- Hygiene products / dispenser systems

I / J

- Impulse tong welders
- Inlays (for lattice boxes /other containers)

K

- Kangaroo bags (dental bags)
- KLT outer and inner packages
- Kitchen rolls

L

- LDPE products (low density PE *)
- Liquid soaps / hand washing pastes

M

- Machine stretch film
- MDPE products (medium density PE *)
- Multi-chamber bags
- Multilayer film products (COEX)
- Mouth-nose protection

N

- Needled (needle perforated) products
- Narrow bags
- Narrow foils

O

- Octabins (octagonal containers/cartons)
- Organic film products (BIO / ECO)
- OR masks
- Other load carriers
- Other packaging
- Oversized bags and hoods

P

- Packing Tapes
- Pallets
- Paper folded towels
- Perforated products (on roll or needle perforated)
- Pharmaceutical products (especially high requirements of the pharmaceutical industry)

- Pedal bin bags
- Polyethylene (PE) products
- Polypropylene (PP) products
- Printed articles
- Pressure seal bags

Q

- Quick binders (plastic)

R

- Round bottom bag
- Recyclable bags
- Reclosable bags (sliding closure bags)
- Release liner products (COEX)

S

- Sections (of PE tubular films)
- Semi-tubular films
- Shrink hoods
- Shrink tubular films
- slide closure bags
- Soaps / liquid / hand washing pastes
- Side gusset bags and sacks
- Side gusset films
- S-hoods (Y-hoods)
- Sealed edge bags (vacuum bags)
- Slide closure bags (dental bags)
- Special film products
- Stretch film / stretch film products
- Strapping tapes

T

- Tear-off bags (bags on roll)
- Toilet paper
- Towel / wipe / universal rolls
- Transparent products (standard; except for garbage bags)
- Tubular film
- Tubular film sections (cuttings)

U

- Upholstery fabrics
- UV-absorbing articles (with UV-protection of the packaged goods)
- UV-stable products (with UV stabilizer)

V

- Vacuum bags (sealed edge bags)
- VCI (corrosion protection) products
- Valve bags
- Vending machine bags
- Vending machine films
- Visors (for protection against viruses)

W

- Waste bags#
- Wipes / Hygiene wipes

X/Y/Z

- Y-hoods (S-hoods)
- ziplock bag

Product overview A – Z



Products: Standard and special requirements

Every customer has very specific requirements, including in terms of width and length dimensions, film thickness and properties that the film should have. Our strength lies in responding to these requirements with our flexible, modern machinery.

- We **mainly** manufacture from environmentally friendly and recyclable polyethylene (PE) - as LD-PE, HD-PE or MD-PE, depending on requirements - but we can also produce or supply products made from other materials.
- As **standard**, our film products are supplied in a transparent, easy-glide and unprinted version.
- Of course, you can also order the products in various **special versions**, e.g:
 - food-safe (suitable for direct food contact) or pharmaceutical quality (special requirements such as BRC certification, lubricants, etc.)
 - opaque (opaque) or translucent (non-opaque), dyed in the color of your choice
 - printed, perforated or needled
 - with additives / special features such as VCI (corrosion inhibitor), ESD (special antistatic agent to protect against electrostatic charge/discharge), antistatic agent (normal), anti-slip agent (GUR), UV protection (UV stabilizers or UV blockers to protect against solar radiation), vegetable-based lubricant, additive to protect against scratches on plastic surfaces, etc.
- **Printing:** Simple printing up to 10-color photo print quality

More and more customers require special, simpler prints that go beyond a normal RC/resy mark or the "Green Dot", such as warning notices, company logos, climate-neutral logos, ESD marks, Interseroh marks, consecutive numbering or Triman logos for disposal in France or Italy.

We have also invested in a highly flexible printing unit, which is used on all machines for the production of film packaging. With a very good print image and 4 variably adjustable print heads, placed printing with high repeat accuracy is possible at low cost. Connecting the new printing unit to another machine takes just under half as long as before. Operation by our employees is uncomplicated and very

All products climate neutral on request

All products climate neutral on request



We have designed these **10 industry solutions** specifically for customers from these sectors in order to meet their requirements precisely and offer them the best products, optimum service and excellent value for money.



VCI Poly-Pack | „CORROSION PROTECTION“: Protect metal products from corrosion: STEEL, IRON AND NON-FERROUS METAL PRODUCTS, METAL PRODUCTS



ESD Poly-Pack | „ELECTRONICS SECURITY“: Protect electronic products from electrical charging / discharging: ELECTRICAL ENGINEERING, IT sector, AUTOMOTIVE, CHEMICALS



„HEALTH CARE“ | Protection of life, implementation of the special requirements for FOOD AND FOODSTUFFS and CHEMICAL/PHARMACEUTICAL/COSMETIC PRODUCTS



„SMART SUSTAINABILITY“ | Being a pioneer for the environment ENERGY INDUSTRY, ENVIRONMENTAL ENGINEERING, PUBLIC ADMINISTRATION; MARKETING and more.



„LARGE PACKAGING“ | Sacks and hoods: PLASTICS INDUSTRY, RUBBER GOODS AND TIRES, AUTOMOTIVE, ELECTRICAL ENGINEERING, SERVICES, TRADE and more



„SMALL PACKAGING“ | Bags: ADVERTISING INDUSTRY, FOOD AND ANIMAL FEED, CHEMICALS / PHARMACEUTICALS / COSMETICS, PLASTICS, AUTOMOTIVE, TRADE



„SHRINK FAST“ by Poly-Pack | If it also has to be good for packaging: SHRINKING HOODS and SHRINKING FOIL for CONSTRUCTION, TRADE and INDUSTRY



„BE FLEXIBLE“ – Do It Yourself | POLY-PACK Flexible use of Blown film: MECHANICAL ENGINEERING, STEEL, FERROUS + NON-FERROUS METAL PRODUCTION, CONSTRUCTION



„PROTECTIVE SHEET“ | Poly-Pack Flat film / Covering foil: PLASTICS AND PLASTICS PROCESSING, METAL PRODUCTION, METAL PRODUCTS, CONSTRUCTION and more



„STRETCH SAFE“ | Perfect load securing of POLY-PACK: PACKAGING TRADE, LOGISTICS, SHIPPING AND STORAGE, PAPER AND PRINTING, FOOD AND FOODSTUFFS and more

For over 50 years, we have been a reliable packaging partner for our customers in industry, services and trade. That is why our long-standing regular customers include many well-known medium-sized companies and international corporations from a wide range of sectors, such as the food industry, chemical / pharmaceutical / cosmetics industry, mechanical engineering, electrical and automotive industries. Energy and waste disposal companies, leading packaging distributors as well as public authorities, municipal administrations, hospitals and departments of universities and technical colleges also regularly purchase our products.



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Press Release Poly-Pack | November 2022_Alliance for Development and Climate_Project TOGO

Packaging manufacturer Poly-Pack supports Alliance for Development and Climate

For Poly-Pack, the manufacturer of film packaging, protecting the environment is not only a central concern. One also does everything humanly possible for it. This has not gone unnoticed. The packaging company was recently contacted by the Alliance for Development and Climate, an initiative of the German Federal Ministry for Economic Cooperation and Development (BMZ). Since the fall of 2018, this alliance has been pursuing the goal of linking development cooperation and international climate protection via the instrument of voluntary greenhouse gas offsetting and mobilizing additional funds for the financing of important development and climate protection projects in developing and emerging countries. Poly-Pack's 100% climate neutrality, its environmental orientation and its commitment to the TOGO project were convincing, so that the company is now listed among the supporters of the alliance, which includes numerous renowned companies and non-governmental organizations.



The Alliance for Development and Climate is an initiative of the German Federal Ministry for Economic Cooperation and Development (BMZ).



The climate protection project supported by Poly-Pack, TOGO is one of 5 projects nominated for the German Sustainability Award 2023.

Project TOGO is one of 5 nominated projects for the German Sustainability Award 2023. Poly-Pack supports the project TOGO of the NGO partner natureOffice on the "forgotten continent" Africa since 2020, when this climate protection project was presented to the company. "Project TOGO" meets 12 of the 17 GLOBAL GOALS of the UN Agenda 2030, and is "Gold Standard" certified, making it extremely effective and trustworthy. More than 1.5 million native trees have been planted since the project started in 2010. Natural forest reforestation is considered the most effective method of climate protection. Behind the project is natureOffice's vision of combining climate protection with the improvement of social structures. In close cooperation with the local population and with the support of companies such as Poly-Pack, many sustainable improvements have been achieved and many jobs created.

Poly-Pack already offers its customers all products on request 100% climate neutral. The customers can choose from different national and international climate protection projects and thus compensate their caused CO2 emissions. Poly-Pack has been using very good recycled material in film processing for decades. The rate is constantly above 90%. Large companies are only gradually switching to this material, which is very environmentally friendly and is recommended by the German Federal Environment Agency. Visually, it can hardly be distinguished from virgin material (< 10% share at Poly-Pack) and can be used very well - except for contact with food or feed and for special requirements of the pharmaceutical industry, where virgin material is mandatory. Poly-Pack also offers various organic films. (More at: www.poly-pack.de/Sustainability)

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News

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Poly-Pack again 100% climate-neutral company in 2022

Poly-Pack VCI - Packaging for corrosion protection

HACCP concept - Poly-Pack implements HACCP concept in July 2022

Industry concepts - Poly-Pack with special industry offers

3. driving safety training - protecting employees can be fun

Poly-Pack is a specialist for environmentally friendly packaging

Cover story "TOP-Performer" in the Südwestfalen-Manager

Poly-Pack cooperates with the Iserlohner Werkstätten

Poly-Pack - New production and administration site since April 2016



1 Press release Poly-Pack | May 2022_Environmental protection

Packaging manufacturer Poly-Pack 100 % climate-neutral company

For film packaging manufacturer Poly-Pack, protecting the environment is not only an extremely important concern. Poly-Pack also does everything humanly possible for it. Among other things, it was again able to achieve 100% climate neutrality in 2021. The ratio of recycled material in film processing also remained constant at well over 90%.



Since the start of the project in Togo in 2010, more than 1.5 million native trees have been planted.

Poly-Pack has supported the TOGO project of NGO partner natureOffice on the "forgotten continent" of Africa since 2020, when this climate protection project was presented to the company. "Project TOGO" meets 12 of the 17 GLOBAL GOALS of the UN Agenda 2030, and is "Gold Standard" certified, making it extremely effective and trustworthy. More than 1.5 million native trees have been planted since the project was launched in 2010. Behind the project is NatureOffice's vision to combine climate protection with the improvement of social structures. In close cooperation with the local population and with the support of companies such as Poly-Pack, many sustainable improvements have been achieved and many jobs created. Natural forest reforestation is considered the most effective method of climate protection. Poly-Pack already offers its customers all products 100% climate neutral. Customers can choose from various national and international climate protection projects to compensate for their CO2 emissions.

Poly-Pack has been using very good recycled material in film processing for decades. The rate is consistently over 90%. Large companies such as Coca Cola are only gradually switching to this material, which is extremely environmentally friendly and is therefore recommended by the German Federal Environment Agency. Visually, it is almost indistinguishable from virgin material (< 10% share at Poly-Pack) and can be used without any problems and very well - except for contact with food or feed and for special requirements of the pharmaceutical industry, where virgin material is mandatory. Poly-Pack also offers various organic films. An environmentally friendly and economically interesting alternative to polyethylene made from fossil fuels is "OK biobased" with 4 stars, based on sugar cane, with a bio-content of 80% (100% is not yet technically possible). Here, a waste product is used that is produced anyway during the sugar cane harvest. Thus, no additional arable land is required, which displaces food land. The bio-film is indistinguishable from fossil-based LD-PE and can also be recycled in combination with the latter in the normal cycle. (More at: www.poly-pack.de/sustainability)



Überarbeiteter Internet-Auftritt



Großes Rohstofflager – schnelle Lieferzeit



Produktion am Standort Iserlohn

2 Pressemitteilung Poly-Pack | Mai 2022_ Umweltschutz

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