



Pharmaceutical industry

Packaging
for Pharmaceuticals

**ALU
FLEX
PACK**

Together we grow

Premium flexible packaging and barrier solutions

Over 40 years of experience

Aluflexpack is the partner of choice for developing and large-scale manufacturing of premium circular flexible packaging and barrier solutions. As a fully integrated solution provider for long-lasting packaging experience, we serve the most demanding customers and grow in the most demanding end markets and applications for over 40 years. A blend of passion, know-how, experience, re-

sponsiveness and creativity result in unique products and services for our customers. Operating in 16 locations worldwide with over 1600 highly skilled employees, we are converting aluminium, paper and plastic films to high quality final products: films and foils, lids, containers and pouches.



With state-of-the-art machines Aluflexpack Group provide a wide range of outstanding products in form of different product types - films & foils, lids, containers and pouches.



Pharmaceutical packaging



We keep a close eye on consumer trends, enabling us to create sustainability-driven innovations that not only meet, but also exceed the needs and requirements of the end consumer. Together we develop packaging solutions that will have a strong impact on the world's population.

Aluflexpack offers solutions for various types of capsules, pills, liquid and powdered products. We deliver aluminium blister foil, multilayered foils for sachets, stickpacks and pouches as well as finished pouches. Customers in Pharmaceutical industry expect production at the highest level with stringent processes uncompromised in any production phase. We are proud to point out ISO 7 production to meet all newest and relevant standards.

We help our customers achieve their goals by providing excellent products and services through our integrated value chain comprising state-of-the-art production plants, sales offices and logistics centres. Our offer includes a broad range of complex flexible packaging products based on aluminium, plastic and paper.

ISO 7 production

Our deeply integrated value chain, ranging from service, pre-treatment, converting, printing to finishing, with its end-to-end process and material control, ensures superior service levels, the highest quality standards, profound development competence and serves as the basis for continuous innovation and development.

Aluflexpack invests continuously in its development and introducing new manufacturing technologies – upgrading its state-of-the-art production and assuring best possible Quality Assurance and Control during manufacturing processes.

We proudly point out ISO 7 production with separate rooms for printing, laminating and slitting process.

Pre-treatment

Coextrusion

Lacquering

Laminating

Rotogravure printing

Conventional Flexo printing

UV Flexo printing

Digital printing

Slitting

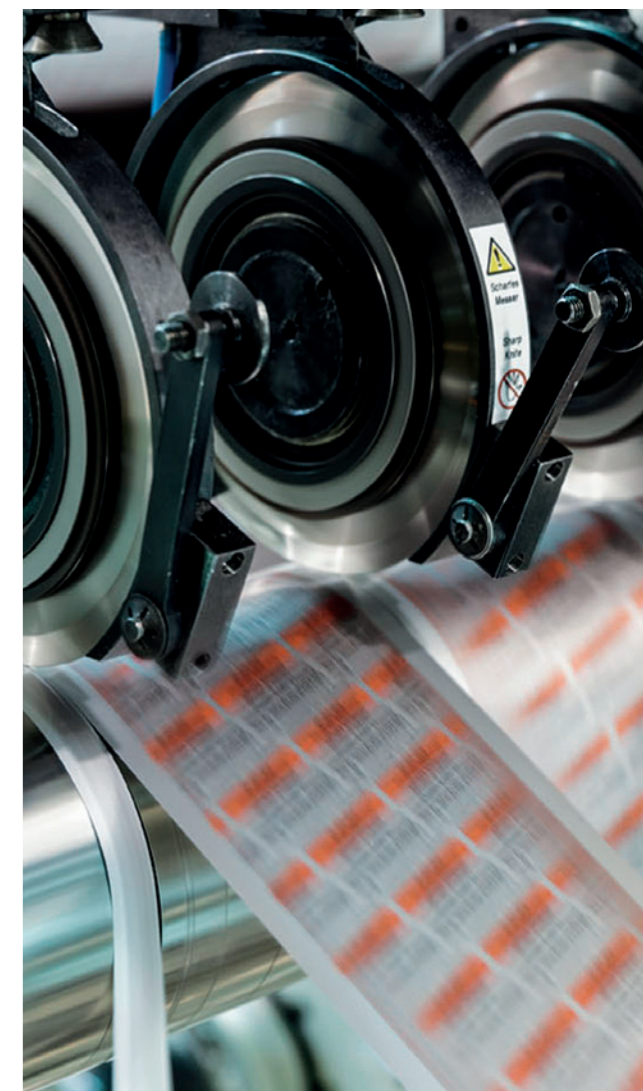
Punching

Embossing

Pouch forming

Spout inserting

Laser scribing



Quality

Our laboratories, sophisticated processing, quality control and assurance equipment, and our stringent procedures ensure the highest possible quality and stability as well as the reliability of our supplies.

Fully certified - Highest production, hygiene and process standards using state-of-the-art machines placed in excellent conditions enable us constant certification and recertification of plants and business processes performed by the most demanding and leading Western European institutions, such as ISO, BRCGS Packaging Materials, ASI Code of Conduct and Performance Standard, FSC, as well as the DMF 19868 and DMF 34845, enabling us to be present on the US market.

Sustainability in focus - our plants are certified by SMETA/SEDEX and EcoVadis, confirming our commitment to working in a sustainable and environmentally friendly manner. Over 90% of electricity used in our plants comes from renewable sources!



Reflect on future. Use aluminium. The perfect barrier for your packaging success!

Our main ambition is to support our customers in their packaging success. Therefore we have opted for aluminium, whose benefits are crucial factors in driving sustainable practices, as well as optimum product protection.

Not only does aluminium protect from moisture, light and other contaminants, it can also be formed or printed in a way which makes accessing the contents easy, particularly when a regular dosing regime is required. It is lightweight, and preserves its properties even at small thickness, ensuring longer shelf life and that the products reach the consumers in perfect condition. Moreover, it is infinitely recyclable and reusable without the loss of properties, making it the true champion of sustainability!

4∞



BARRIER

Aluminium is impermeable to water and gases, including oxygen. Even at low thickness it provides the perfect protection and preservation of product characteristics.



FORMABILITY

Aluminium's high formability and strength enable it to be shaped without breaking.



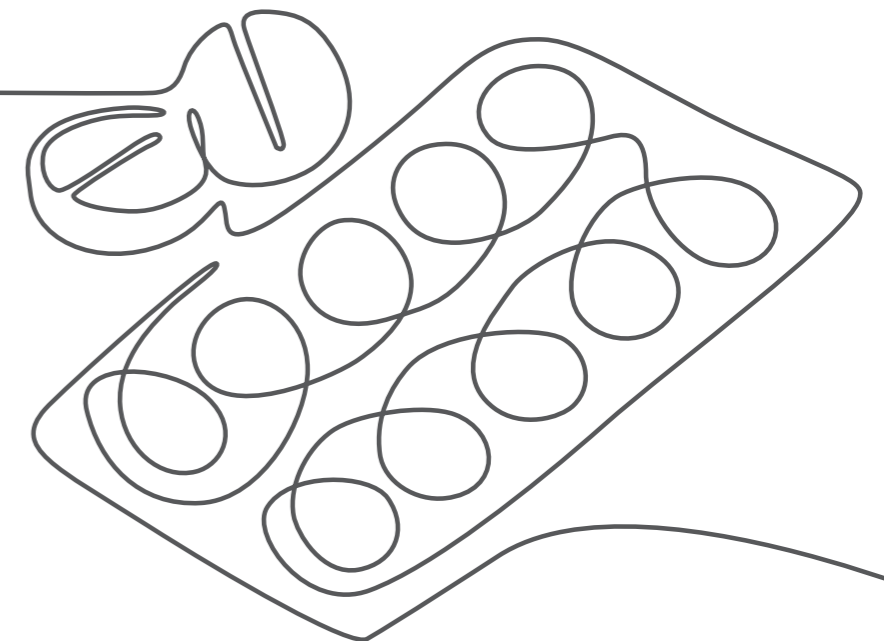
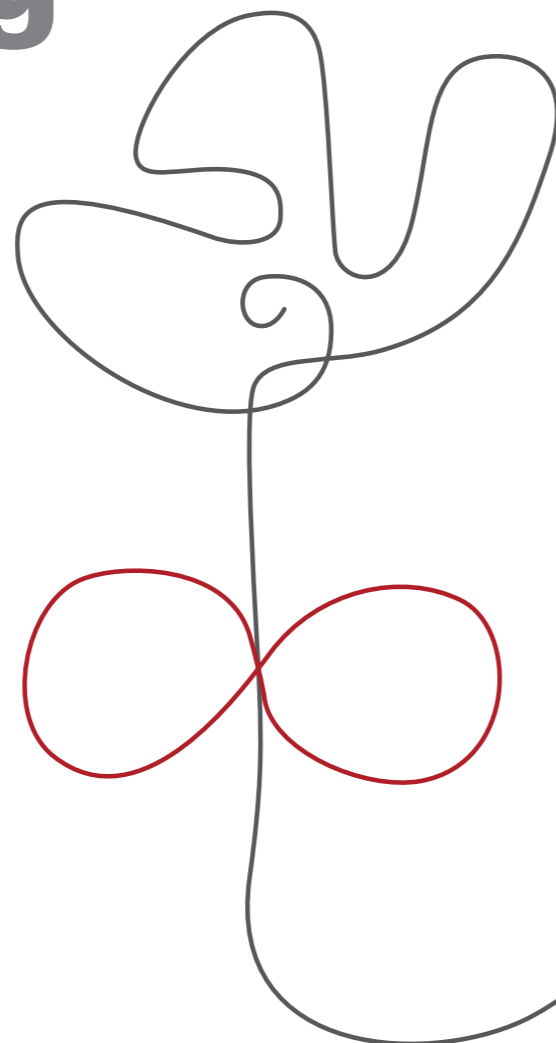
RECYCLABLE & REUSABLE

Aluminium is **infinitely recyclable** with no loss in quality: 75% of aluminium ever sourced is still in use today!



LONGER SHELF LIFE

Aluminium mechanical and barrier properties ensure longer shelf life of the products packed.



Pharma portfolio overview



FILMS & FOILS

LIDS













CONTAINERS

POUCHES

BLISTER FOIL
COLD FORM
PHARMA CAP FOIL
MULTILAYERED FOILS



Possibilities

-  Retortable
-  Materials
-  Thickness range
-  Shapes
-  Dimension range
-  Printing
-  Colours
-  Lacquering
-  Sealing
-  Separation lacquers
-  Embossing
-  Deep drawing

To find out more about the product possibilities, visit the page:
<https://www.aluflexpack.com/tailor-made/>



Blister foil

Custom-made blister foil, sealable to different materials. Various child-resistant options available to ensure product safety, while remaining user-friendly for the adults.

Specifications:

- Al 20 µm, 25 µm, 30 µm (hard and soft tempered)
- Peel push laminate: Pap / Al, PET / Al, Pap / PET, Al / Lacquer, PET / PE peelable

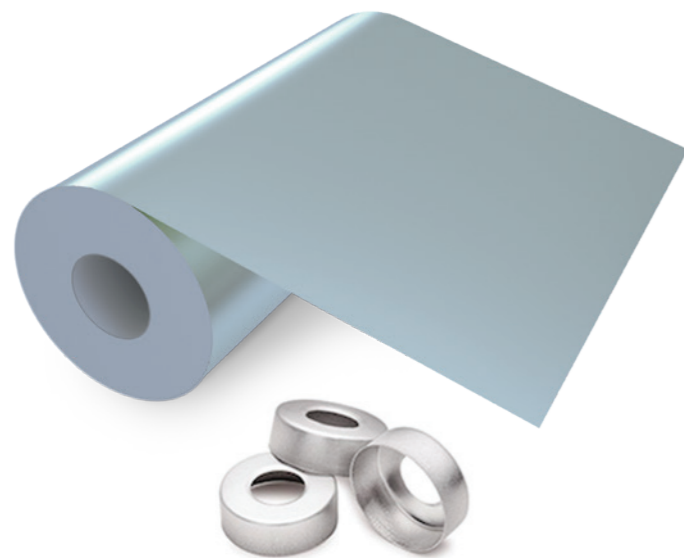


Advantages:

- Full barrier against oxygen, water vapour and light
- Sealable against various blister materials
- Child resistant options: Peel & Push, peelable, push-through
- 100% printing and quality control
- Child-resistant option
- Double-sided print options



Pharma cap foil



Aluminium foil specially developed for the forming of pharma caps

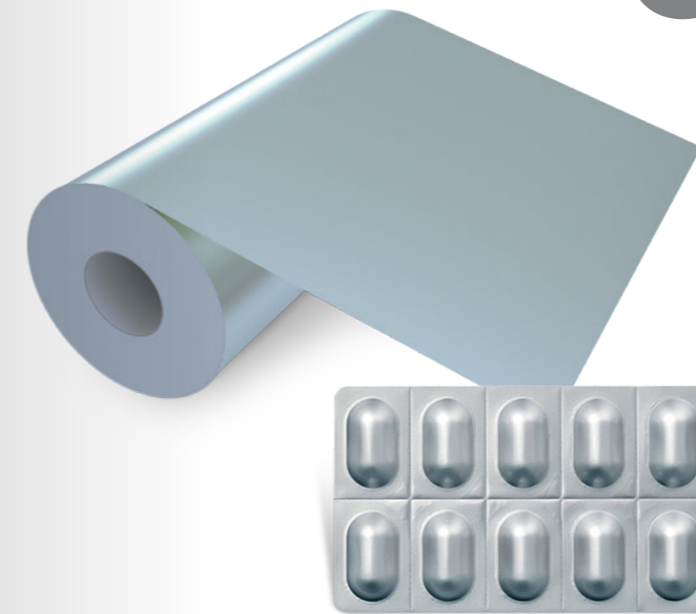
Specifications:

- Alu

Advantages:

- Retortable, deep-drawable,
- Developed for fast-forming machines
- Compliant with all pharmaceutical standards
- Recyclable solution
- Lacquering options – colourless or in colour

Cold form



Multilayered structure designed for the highly sensitive range of pharmaceutical products

Specifications:

- PVC/Alu/PA

Advantages:

- Full barrier against oxygen, water vapour and light
- Long shelf life and product safety
- Excellent formability

4∞ Form

Supreme barrier for infinite recyclability

Innovative pharmaceutical blister pack made of recycle-ready aluminium

Specifications:

- lacquered Alu

Advantages:

- Made for recycling!
- 100% barrier!
- Compliant with regulations!
- Can be used on existing FFS machines with adaptation!
- Fully adaptable to customers' needs!



Laminates

Films for Sachets, Stick Laminates, Suppositories

Multilayered structures with or without Aluminium, suitable for forming into sachets, stickpacks and other product forms, enabling perfect dosage of pharmaceutical products! Suitable for powder and wet products.

Specifications:

- Easy tear laminates:
Pap / PE, Pap / Al / PE, Pap / PE / Al / PE (SY)
- High barrier laminates:
PET / Al / PE and PET / Al / PET / PE
- Plastic-based laminates:
PET / PE, OPP / OPPMet, PET / PETMet / PE
- suppositories: PVC / PE

Advantages:

- High-barrier solution for protection against light, moisture, oxygen and other outside factors
- Excellent printing quality using PVC-free inks
- Printing option of up to 12 colours using rotogravure printing
- Various lacquering possibilities to make the product even more visually appealing, e.g. matte-lacquer in register
- Easy tearing for easier consumer use



Pouches

Multilayered structures with or without aluminium, suitable for liquid and dry products, enabling easier use of products.

Specifications:

- High barrier laminates: PET / Al / PE, PP / Al / PP, PET / AL / PET / PE, PET / Al / PA / PP
- Plastic-based laminates: PET / PE, PET / PE / PE,
- Monomaterial laminates: PP / PPiox / PP

Advantages:

- High-barrier solution for protection against light, moisture, oxygen and other outside factors
- Excellent printing quality using PVC-free inks
- Printing option of up to 12 colours using rotogravure printing
- Various lacquering possibilities to make the product more visually appealing
- Wide range of shapes, sizes and pouch features
- Reclosability option via zip or spout&cap

+ **R&D**
Fully customer oriented
- tailor-made products



Lids

Lids sealable to various substrates, including glass and ceramics, ensuring perfect closure of any type of container.

Specifications:

- lacquered Al
- coex Al
- Film-based lids

Advantages:

- Different shapes and dimensions
- Highest printing precision, up to 9 colours
- Different embossing possibilities
- Option: retortable
- Option: sealable to glass and ceramics



Containers

Perfect barrier solution for wet and dry products, as well as for technical devices.

Specifications:

- lacquered Al, Al / PP

Advantages:

- Perfect barrier against oxygen and other gases, water vapour, and any other external influences
- Recyclable
- Different shapes and volumes available
- Wide range of lacquers available (BPA, BPA free)
- Retortable, pasteurisation, hot and cold filling



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