



ACG Films & Foils

Ranges and services

No bigger range. No greater expertise.
No better partnership than with ACG.

ACG

Make it better.

ACG Films & Foils

Barriers that make it better.

No matter how good a medicine or supplement, it is only ever as potent as the packaging that keeps it fresh and safe.

With sixty years' experience in developing pharmaceutical solutions, we're reimagining the landscape of packaging to make it better for businesses like yours and – more importantly – those who depend on your products.





No-one knows pharma like we know pharma.

At ACG, we know the pharmaceutical and nutraceutical industries better than most. In fact, we've dedicated sixty years to developing our knowledge in these fields, and only these fields. That's why when you invest in one of our products, you also invest in decades of expertise (and the best minds) in our industry.

Pharmaceutical packaging can be complex – so we take a broad view. We design our high and ultra-high barrier packaging solutions to give you the best advantage at each manufacturing stage: whether that's a material cost or logistics structure.

Our high-barrier solutions fit most blister packing machines, so you'll also benefit from efficiencies in your machinery and production.



We've got the widest range of packaging films and foils in the world. And no hidden agenda.

As the only dedicated pharma specialist to produce both packaging films and foils together, as well as having the largest range of films and foils in the world, we're in a unique position to provide our customers with unmatched support.

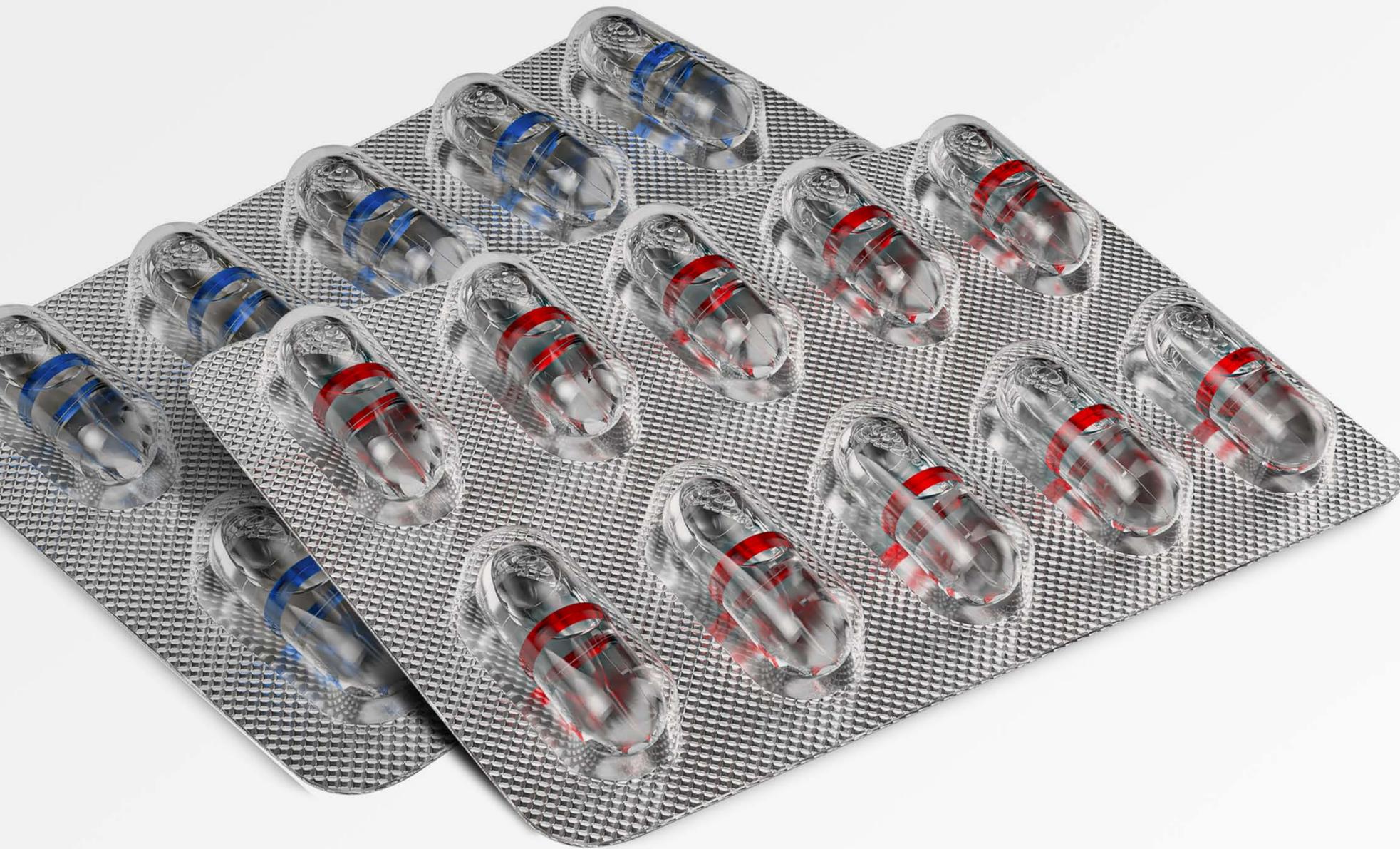
Because of our extensive range, we won't try to sell you one product over another. It's about helping you find the right solution for you. Our solutions include high-barrier packaging materials (that can provide excellent protection of products against unfavourable environmental factors throughout their shelf-life) and an ultra-high barrier range for the most sensitive products of all. In fact, we have packaging solutions for almost every solid oral formulation.



Our quality is our seal of trust and integrity.

We take the business of product protection incredibly seriously, and assure the highest quality from raw materials to finished outcomes. Our automated equipment features the latest engineering technologies, making ACG's production facilities amongst the most advanced in the industry.

You can feel safe in the knowledge that everything – from compliance to safety – has been thoroughly considered and integrated.



Our products are your products.

With innovation at the heart of everything we do, we've spent time designing our packaging solutions to be easily modified and customisable. So, you can make them your own. We believe that we achieve more when we work together, so collaborate with our customers to innovate solutions that add real value to their products.

Our Innovation Lab is led by experts in the packaging industry, and exists to keep pace with market dynamics and changing customer needs. Our scientists are continually searching for new breakthroughs in packaging design to deliver crucial medicines more safely to patients.

Introducing our high barrier and ultra-high barrier range.

Combining the best in technology and materials, ACG's high and ultra-high barrier packaging solutions ensure you get the most out of your product packaging.



Aluminum range



Alumpack

Cold form blister foil

Alumpack is a premium-grade cold form base foil made of quality raw materials, complying with global regulatory standards.

- Ultimate barrier against moisture, oxygen, light and gases
- Exceptional formability and seal ability with common lidding materials
- High delamination resistance with the use of a primer
- Customised colours and foil printing options



Alumlid

Aluminium lidding foil

Alumlid is a premium-grade lidding foil material for thermo-form and cold-form blister packs. It exhibits exceptional seal ability to common blister materials made of polyvinyl chloride (PVC), polyvinylidene chloride (PVdC) and polyethylene (PE).

- Internationally accepted structures and gauges
- Exceptional barrier against moisture, oxygen, light and gases
- Multiple opening options including peel, peel-push, push-through, and tear-open
- Excellent seal ability



CR/SF foil

Lidding foils for child-resistant and senior-friendly blisters

ACG's child-resistant / senior-friendly lidding foils provide the highest safety, by preventing children from easily opening blisters. It also provides convenience and user-friendliness for the elderly. It can be used in peelable, peel-push and push-through foil applications.

- Wide range of structures as per international requirements
- Unique child-resistant lidding mechanism
- Exceptional lidding mechanism with appropriate functionality for senior citizens
- High degree of protection of individual doses High delamination resistance with the use of a primer
- Customised colours and foil printing options



Tropical foil

Aluminium-based laminates for tropical blister applications

ACG's tropical blister foils provide enhanced protection to thermoformed blisters by providing an impermeable barrier for sensitive products against moisture, oxygen, and light. These foils can be used to pack all kinds of medicines for an extended shelf life.

- High barrier against moisture, oxygen, light, and gases
- Compact size of blisters in comparison with cold form blisters
- Superior aesthetics



ACG Aclar[®] laminate

Ultra-high barrier PCTFE film

Developed in partnership with Honeywell, ACG Aclar[®] laminate provides advanced options for packaging moisture-sensitive and highly reactive items. They are an excellent solution for flexible and cost-effective packaging.

- Ideal for moisture-sensitive drugs
- Offers the highest degree of moisture protection amongst clear thermoformable films
- Chemically resistant and biochemically inert, so perfect for highly reactive products
- Allow for tailoring towards specific brand needs due to high flexibility
- Available in a wide range of colours, appearances, and forms, to give ultimate brand stand out

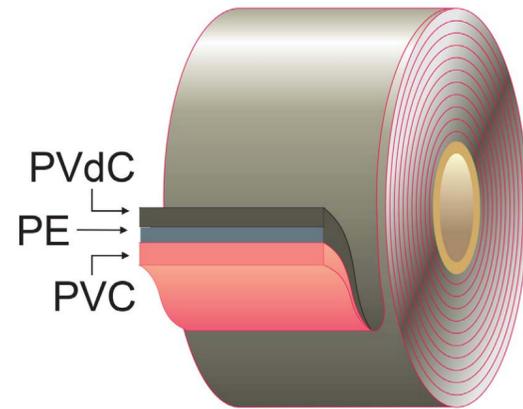
Ultrasafe

Ultra-high barrier PVdC film

Produced in collaboration with Solvay, our proprietary film is manufactured by coating pharmaceutical grade PVC with Solvay's Diofan® Super B, a premium PVdC. This provides exceptional moisture and oxygen barrier properties, setting it apart from many other blister packaging solutions that offer lesser protection.

- Unmatched moisture and oxygen resistance
- Prevents leakage, and doesn't absorb external aromas or flavours
- Requires no specific tooling modifications and gives high yield
- Can be easily formed in different blister packaging machines and at various speeds due to its high flexibility
- Superior thermoformability allows for significant pack size reduction (up to 60%) and an increase in pill density
- Requires less storage space and increased transport efficiency
- Available in a wide range of specifications (in combination with other substrates)

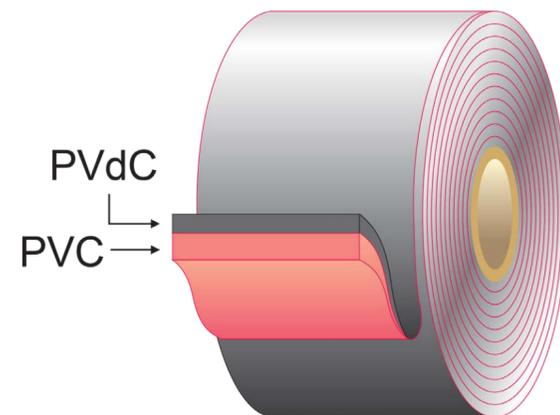




Tripac® **PVC/PE/PVdC film**

Tripac® is a multi-layered film with unique thermoforming properties, appropriate for deep and large cavity blister packs. It is especially suitable for hygroscopic formulations and for packing products that are distributed in tropical regions.

- Excellent barrier properties
- Enhanced strength and formability
- Cost-effective
- Available in a wide range of specifications (as per barrier requirements) and colours



Dupac® **PVC/PVdC film**

Dupac® is a PVC film coated with high-performance PVdC. Its two-layer structure imparts it high barrier properties. It is suitable for keeping out moisture and oxygen.

- Varied PVC thickness and PVdC coating available
- Moderate to high barrier properties against moisture and oxygen
- Available in a wide range of colours

More of our films and foils range.



Brandshield

With innovation

Brandshield is a packaging film on which customer specific security elements can be embedded to prevent it from being copied. It's perfect for boosting your reputation as a brand to trust.



Alukbliss™

Speciality packaging films

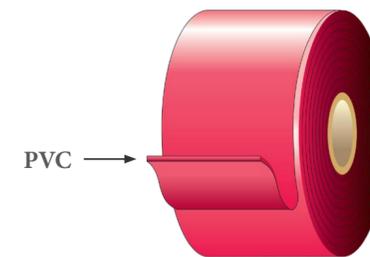
Alukbliss™ is a thermoformable PVC-based packaging film that mimics the look of aluminium blister foils, while providing the yield and machinability of PVC.



Unidose™

Unit dose packaging films

Unidose™ packaging film offers a ready-to-use, onestep service and is suitable for unit-dose liquid pharmaceuticals or nutraceuticals.



Ecopac®

PVC film

Ecopac® is a cost-effective blister packaging solution for tablets, capsules, syringes, ampoules and medical devices. It is available in a range of colours.

**You get more than a product.
You get a lifetime of support.**

Several factors determine the success of your packaging.
We've got your packaging solutions covered, leaving you
free to reimagine your product.



Product development assistance

We value the amount of hard work, energy and resources that are poured into product development, and ruining it with the wrong packaging is the last thing anybody wants.

Pharmaceutical packaging needs evolve fast, so we can help you with suitable solutions and additional support to make packaging development a little less daunting.

Our in-house physical and chemical testing facility offers hassle-free and swift pack characterisation testing services. This can make it easier for you to understand various packaging materials, from their chemical nature, to physical and mechanical properties, sealing performance, seal integrity, and chemical compatibility with specific drug products. Ultimately this all helps you choose and develop the perfect packaging for your product.

We can also meet any requirement for customised structures of packaging films and foils that you may require. With years of experience and a team of experts, we'll guide you all the way to ensure your packaging is a success.

Technical services

Our films and foils are intended to help you achieve the highest level of performance. So, if you don't see these desirable results, it's on us.

Understanding how packaging materials, their components, and machines interact is fundamental to the success of good packaging, and as a producer of both packaging materials and blistering machines, we're uniquely positioned to understand all of this.

You may experience issues related to sticking, face machine interruptions due to material jams, be worried about low yield, or be seeing high numbers of blister pack rejections due to pin-holes in the base-foil. No problem. We'll work with your shopfloor personnel to analyse the root causes, and train them on best thermoforming and/or cold-forming practises to ensure the best outcomes.

When we say "it's on us" to help you achieve the productivity you desire, or optimise your packaging costs, we mean it. You can count on our dedicated team of trained engineers to take care of your bottom line, maximise yields, and sort out any packaging issues.

Total cost of ownership consultancy

Every packaging process is unique, and it is essential to define the costs inherent to each process and product.

For example, you might be packaging your product in a bottle, but be intending to convert to blister packs. If so, what should your new pack size be? How might it impact your operational and product costs? Will your process efficiencies change, and are there any potential risks?

Our Total-cost-of-ownership service is aimed at answering such questions – help you accurately determine the direct and indirect costs of packaging, and empower you to make better packaging decisions.

Regulatory support

We understand how intricate regulatory processes can be, so provide the necessary regulatory support you need to speed your way through it.

Decades of experience in making pharmaceutical packaging materials means we have a detailed understanding of global regulatory requirements, so our regulatory team will ensure your product packaging complies with the required regulatory standards of all global markets.

We can provide you and support you with all documents (such as DMF access letters) or declarations you may need till your product is approved. If you need small quantities of our packaging materials for your development or to run regulatory batches, we can even swiftly support you with these too.

Contact us

Get in touch with us to find out more about our range of products and services. If you have specific barrier packaging needs, we can even collaborate on delivering a purpose-made solution for you. We look forward to meeting you personally.

Headquarters

India

Global Offices

Africa

Algeria
Egypt
Ethiopia
Ghana
Kenya
Morocco
South Africa
Sudan
Tunisia

Asia Pacific

Bangladesh
China
Indonesia
Pakistan
Philippines
South Korea
Sri Lanka
Taiwan
Thailand
Vietnam

Central / South America

Brazil

Europe

Belgium
Bulgaria
Croatia
Czech Republic
Estonia
France
Germany
Greece
Italy
Latvia
Lithuania
Luxembourg
Macedonia
Netherlands
Romania
Russia
Spain
Switzerland
Ukraine
United Kingdom

Middle East

Iran
Israel
Jordan
Lebanon
Saudi Arabia
Syria
Turkey
United Arab Emirates

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