



Make it better.



DryPod

A premium desiccant cold form laminate.

Redefining moisture protection in cold form blister packaging.

Especially designed for the next generation of moisture-sensitive formulations, DryPod is an advanced cold form packaging solution with active moisture protection built into every layer.

Cold form aluminium-based laminates have long been the gold standard for pharmaceutical packaging, providing exceptional protection against moisture, oxygen and light.

However, the rise of highly moisture-sensitive drug substances, such as hygroscopic compounds and advanced biologics, has begun to expose the limitations of even these robust packaging systems.

The challenge lies not in the quality of the packaging itself, but in the extraordinary sensitivity of some next-generation compounds.

Residual moisture during sealing

Despite rigorous environmental controls and meticulous packaging protocols, residual moisture can remain trapped in the blister cavity during sealing.

For extremely hygroscopic drugs, this minimal moisture content is enough to initiate hydrolytic degradation and impurity formation.

Moisture permeability through the seal

The heat-seal layer in cold form blister packs is known to exhibit finite moisture permeability. Over extended storage periods, especially under challenging storage conditions, this gradual ingress of moisture becomes a concern.

The cumulative impact

Together, the trapped residual moisture in the blister cavity and slow moisture ingress through the blister seal, can exceed the moisture tolerance of ultra-sensitive formulations, leading to reduced potency and compromised stability.

Active moisture protection, built into every layer

Key features

- / Incorporates a pharmaceutical-grade moisture-absorbing compound within its laminate layers
- / Reacts irreversibly with trapped moisture, permanently locking it away from the formulation
- / Ensures the desiccant never comes into contact with the product
- / PVC- and halogen-free

Proven performance

Rigorously tested and benchmarked against leading desiccant laminates to ensure the blister cavity is kept dry for extended periods.

Universal compatibility

Unlike most commercially available desiccant laminates that rely on co-extrusion technology, DryPod is made using ACG's proprietary non-extrusion process.

- / Can run seamlessly across all blister packaging machines with no compromise on sealing integrity or productivity
- / A wide range of lid foil options to choose from
- / Easy integration into existing packaging lines



Make it better.

Let's talk.

We look forward to hearing from you.

Get in touch to find out more about our range of products and services. ACG is ready to provide specific solutions for your unique requirements.

Email us

sales.pharmapack@acg-world.com

www.acg-world.com