

CONSTANTIA Live Stress Check

Stress Level Check for coldform foil.



FOCUS ON COLDFORM FOIL – CONSTANTIA LIVE STRESS CHECK

■ **Aluminum Coldform Foil** is currently one of the most popular pharmaceutical packaging solutions on the market. Offering superior barrier properties, it ensures that the drug will reach the patient in perfect condition, unsullied by moisture, light or oxygen. Unlike other blister packs, Coldform Foil is not thermoformed, it is mechanically brought into shape. This creates a 100 % barrier against the environment, increasing the stability and extending the life cycle of the product.

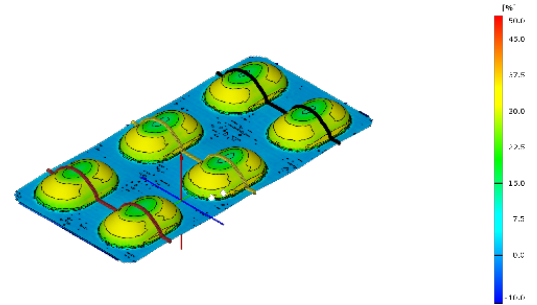
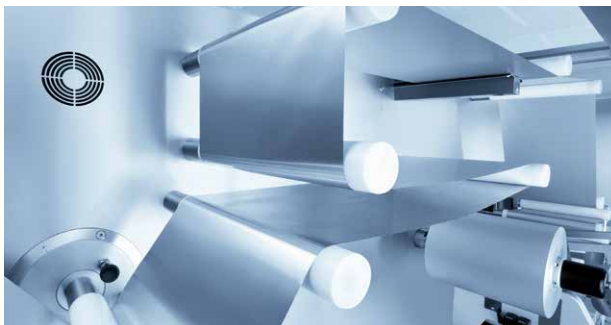
PRODUCTION

Constantia Flexibles produces high-quality Coldform Foil under clean room conditions. While the company also provides Blister Lidding Foil, Stick Pack Laminates and Sachet Laminates – alongside many other solutions – Coldform Foil is a key point of focus. The company employs dedicated production equipment, with state-of-the-art camera inspection systems, to ensure the product meets all demanding applications.



LIVE STRESS CHECK

As a major supplier to the pharmaceutical and healthcare market, Constantia Flexibles is committed to improving the protection and shelf life of our clients products and considers innovation to be key to its success. We therefore introduced Live Stress Check, a new tool supporting our technical field service. The tool is designed to determine the stress level applied to Coldform Foil and the quality of the forming process when running on the blister line. A pattern of high-resolution dots is printed onto the packing material that, when stretched, changes and shows the stress level on every mm². Formed material with cavities and stretched grid-pattern is taken from the production line randomly and a special software and camera system are then used to inspect the distortion. With an automatically generated 3D-image the degree of distortion of the various areas of the blister is then illustrated. With these results it is possible to optimise the process and the shape of the cavities. The cost associated with the Live Stress Check are quickly amortised through optimized production. Please contact your sales representative for further information.



CONSTANTIA FLEXIBLES SERVICES

Other than that, our complete service offer is covering the following topics:

- Customer specific projects
- Design of the individual pockets and forming plug to ensure a small blister size and effective material utilisation
- Numeric simulation of shelf life considerations

AT A GLANCE

The Live Stress Check is a tool which is helping to determine the stress level applied to Coldform Foil when running on our customers' blister lines. It supplies detailed information about the condition and quality of the forming process and material utilization. This is key to successfully unlocking potential improvements in the shape of the forming plugs, the material or in the setup of the process.

CONTACT

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