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**Attention: Editor
September 29,
2025
PRESS
RELEASE**



Doing the Math on Aerospace Packaging Efficiency: Two Bags or One?

Why use two bags when you can use one? Too often, we take more steps than necessary to accomplish a task. It sometimes demands an outside perspective to gently point out a more efficient solution that makes life easier—which is what [Cortec®](#) distributor [Lake Engineering Solutions](#) did for an important aerospace company that streamlined its



packaging process down to one bag instead of two.

Packaging Protection for Precision Machined Parts

The client demanded strict quality control to ensure the integrity of precision machined metal parts used in the internal build of aircraft wings and doors. That meant both corrosion and mechanical protection were needed during the unpredictable shipping and handling stage. Lake Engineering Solutions had already met the first

need with [VpCI®-126](#) Top-Seal bags that protected the components via a molecular layer of Vapor phase Corrosion Inhibitors which left the parts dry and ready to install. The second layer of protection came from standard bubble bags that provided cushioning on the way to the assembly plant.

A Streamlined Solution for Packaging Sensitive Aerospace Components

One day when visiting the client, Lake Engineering noticed the double-bagging process and suggested a customized solution: replace two bags with one Cortec® [Cor-Pak® VpCI®-126 Bubble Bag](#) (also known as VpCI®-126 Bubble Bag with sealable lips) that provided dual cushioning and corrosion protection. The manufacturer adopted the solution and immediately began saving time by eliminating an extra packaging step while achieving a high level of protection up to company specifications.



Quality Control and Tracking of Aircraft Components

To further reinforce the integrity of their packaging process, the company introduced a comprehensive tracking system. This included a strict non-reuse policy, date monitoring, and colour-coded stickers for easy identification and traceability. These measures guaranteed consistent, robust protection and aligned with the company's commitment to quality and operational excellence in the aerospace sector.

Save Time, Simplify, Succeed!

Similar measures can be taken in any industry that requires multi-functional packaging protection such as corrosion + cushioning protection or corrosion + ESD protection. [Contact Cortec® or your local distributor today to discover a wide variety of corrosion inhibiting solutions to streamline your packaging process and enhance your quality assurance!](#)

Keywords: aerospace packaging, packaging efficiency, aerospace efficiency, packaging aircraft parts, aircraft packaging, packing aircraft parts, corrosion on aircraft parts, rust prevention, Cortec, VpCI

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