



Replacing Existing Foam Packaging with a More Sustainable Alternative



Challenge

A prominent manufacturer specializing in the production of a diverse range of office furniture, encompassing wall partitions, seating solutions, tables, and storage cabinets, faced a recurring challenge in safeguarding the integrity of their cabinet expansion packs. Traditionally, they had relied on expanded polystyrene (EPS) coated foam corner pads to shield the vulnerable corners of these valuable products. The manufacturer recognized the necessity of transitioning away from foam packaging that posed recycling challenges and sought a solution that would not only provide effective protection but also align with their commitment to sustainable packaging.



Solution

Signode Packaging Engineers, in close collaboration with the customer, devised a customized solution to replace the existing foam packaging with a more sustainable and high-performing alternative. Following a comprehensive review of the application requirements, Signode recommended the implementation of 7-ply medium Pyramid Pads to protect the corners of the product. This innovative approach provided a dual benefit of corner and edge protection, precise carton clearance, and offered the necessary compression strength for stacking, all while aligning seamlessly with the customer's sustainability goals. Remarkably, this eco-friendly packaging design resulted in only a marginal increase in the total package cost.

Products Utilized

- Multi-Wall™ 7-ply medium Pyramid Pads



Optimal Outcomes

- Easy-to-apply eco-friendly foam replacement
- Enhanced corner and edge protection
- Minimal additional packaging cost

Cost Focus

Protection Focus



UNDER PACKING
Save on technology and consumables at the risk of damaging products and incurring extra expenses

OPTIMAL OUTCOMES
Protect your product and optimize your packaging investment

OVER PACKING
Excessive packaging protects products while unnecessarily increasing costs and ecological footprint

Our Process

Conduct On-Site Audit

We conduct an on-site review of your packaging lines and modes of transportation to understand your challenges and opportunities for improvement.

Design Optimal Solutions

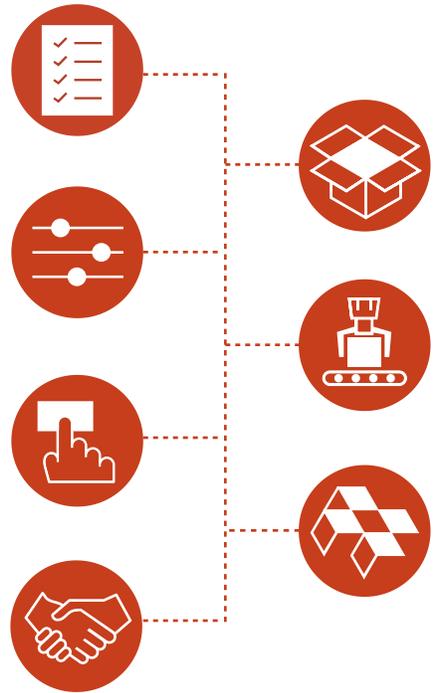
We supply equipment, packaging consumables, load securement and process recommendations that are field tested in our ISTA-certified labs for validation.

Execute the Concept

We work with you to implement protective consumables, commission equipment, set up automation, and provide training for your team.

Service and Support

We facilitate service and operator training, schedule preventative maintenance, and provide on-site support to maximize uptime.



Packaging Technologies

Protect and stabilize goods in transit with our versatile and innovative end-of-line packaging solutions.

Automation Solutions

Increase efficiency, enhance productivity and improve throughput with automation solutions.

Reliability Services

Comprehensive support to meet the service demands of today and tomorrow.

Our Portfolio

THE RESULT

Signode delivers the lowest total cost of ownership and the highest overall equipment effectiveness; optimizing product protection, in-house automation and ROI.



To learn more about Signode's packaging technology, package testing and service capabilities, schedule an assessment or initiate a proposal for a current application, email: marketing@signode.com.