



Customer Success Story | Movie Screens

Sustainable Protection for Long Products with Circular Profiles



Challenge

A manufacturer of consumer and educational movie screens was seeking a sustainable packaging solution to replace wooden crates and single-use foam inserts. These products, which can be up to 20 feet long, require unique support and packaging. Signode collaborated with the end-user to create easy-to-use, lightweight, sustainable packaging that offered damage resistance and load protection. These efforts aimed to provide effective protection while aligning with corporate sustainability mandates.



Solution

Signode's Engineered Solutions Design Center in Danville, Virginia, worked closely with the Signode Packaging Lab in Roselle, Illinois, Signode Sales, and the customer's packaging distributor to design and test packaging options. After testing Signode suggested replacing the foam packaging with Signode's sustainable Multi-Wall™ Flat Pads, Reverse Slit-Score Honeycomb and U-Channel Pads. Flat Pads are a sustainable, customizable option that absorbs transit shocks and provides blocking, spacing, and void filling. Reverse Slit-Score Honeycomb is for the challenges faced protecting the screens circular profiles. And Signode's Multi-Wall U-Channel Pads provided additional cushioning around product edges. This custom-designed and tested solution offers a sustainable alternative to foam packaging, meets the unique requirements of long, cylindrical products, and helps provide protection throughout the transportation cycle.

Products Utilized

- Signode's Multi-Wall™
- Flat Pads



- Reverse Slit-Score Honeycomb



- U-Channel Pads



Optimal Outcomes

- Eliminated 35 truckloads of single-use foam packaging
- Custom designed package met the challenges of long products with circular profiles.
- Aligned with environmental goals

Cost Focus

Protection Focus

UNDER PACKING

OPTIMAL OUTCOMES

Protect your product
and optimize your
packaging investment

OVER PACKING

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 end-of-line packaging equipment, tools and consumables.

Protective Packaging

Customized product packaging and solutions designed to secure your loads during transportation.

Automation Solutions

Increase efficiency, enhance productivity and throughput with automation solutions.

Reliability Services

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

Our Process

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 innovative solutions, package testing and service capabilities, schedule an assessment or initiate a proposal for a current application, visit www.signode.com.

