

Wave-Core™ Provides Flexible Protection That Significantly Reduces Handling Damage



Whether its a manufacturer of sensitive films used in aerospace or delicate fiber optic cables, transporting these highly valuable materials to their end destination without damage is a mission all its own. For our aerospace films customer, their main challenge was the international destination where the film would be applied. Any damage during the journey caused loss in valuable product and weeks in transit time, plus numerous delays for the final product. The additional transportation challenge for customers, was the size and scale of the rolled product, and the need for tightly wrapped protection.

Industries

- Films
- Fiber Optic Cable & Wire
- Rollers
- Pipe and Pipeline
- Transportation
- Warehousing

Challenges to Solve

- Protect X-Large circumference area.
- Withstand warehouse handling and transport abroad with extreme durability.
- Reusable for multiple applications.
- Company name and instructions printed on material surface.
- Customization of colors.

Solutions Delivered by Liberty Plastics, Inc.

Using our Wave-Core corrugated plastic, we were able to provide a flexible wrap solution for both customers. In addition, both customers wanted custom printing and colors which we were able to provide. In one scenario Wave-Core single-face option was used and double-face option in the other. Both facings seamlessly flex, roll, and bend without needing additional steps such as scoring for a tighter fit and smooth finish. With the widest extrusion capabilities and the ability to roll, Wave-Core is almost limitless in custom sizing options. The durability of Wave-Core withstands extreme wear and tear of handling and transportation so that it can create a returnable and reusable closed-loop solution.

- Durable solution that eliminated damage.
- Reduced loss inventory costs.
- Improved operational efficiencies and costs.
- Provided additional branding.

Case Study Capabilities

- Wave-Core material
- Custom size solutions
- Single or Double-face Options
- Custom colors
- Custom printing
- 100% recyclable
- 100% reusable packaging



Engineered corrugated plastic solutions that reduce waste, weight, damage and spend

