FURNITURE PROTECTION SOLUTIONS

Pregis PolyMask®

For surface protection of nearly any furniture item, Pregis has you covered—with PolyMask protective films. This solution comes in a variety of adhesives, materials, gauges, lengths, widths, and tack to meet the unique needs of your operation and your products.

ProFlex Profiles®

Looking for an edge in your furniture protection—you've found it. Made of durable polyethylene foam for maximum shock absorption, Proflex Profiles offer edge and corner protection for any type of furniture or furniture accessory.

Furniture Guard® Bags

Oversized items demand an effective, strong, resilient cushioning option, which is why we created our Furniture Guard Bags. Virtually tear-proof, fully water-resistant, and easily heat-sealed for superior seam strength. Plus, these bags are made with up to 30% recycled content.

Pregis PolyPlank® Engineered Foam

For inside the outer packaging of delicate, heavy and high-value items, PolyPlank offers premier, high-precision protection. No matter the shape of the item, PolyPlank Foam can be customized to get the job done.

Whatever your furniture protection and packaging need may be, Pregis has the products and experience to create a customized solution for your operation.

To learn more, visit us at Pregis.com

Manufacturing

Case Study

Pregis solutions eliminates damages for metal cabinet company

Unique engineered PolyPlank® Renew™ polyethylene foam plank solution

There is no such thing as “one kind fits all” regarding protective packaging solutions. That’s why it is critical to evaluate options based on specific product attributions and distribution journey. A metal filing cabinet manufacturer became painfully aware that its packaging solution wasn’t right for its product when its damage claims started piling up. The parcel carrier knew that the situation could be dramatically improved if the company’s protective packaging approach was changed. That’s when the parcel carrier brought in Pregis, its packaging solutions partner.

Problem

The company had been using corrugated packaging components to provide protection for filing cabinets that weighed approximately 59 pounds and cost in excess of $500 each. In addition to placing the cabinet into a corrugated shipper, it had been using corrugated edge, corner and top and bottom die-cut pieces. With this approach, the damages (dents, broken casters, non-functioning drawers, etc.) incurred during shipping were so significant that the company was forced to stop using parcel as their mode of shipping to customers. That left it with “less than truckload” (LTL) shipping as the only delivery option. This was significantly more expensive and had a negative impact on sales.

Once a metal cabinet is defective, it can’t be repaired, nor can it be curbside recycled. The “all corrugated” packaging approach that the company had taken to support its sustainability initiatives backfired. The environmental impact of discarded metal cabinets far outweighed the impact of protective packaging made from other materials.

Solution

The parcel provider and Pregis conducted a joint web call with the customer to understand its specific objectives. The weight of the metal filing cabinets and its susceptibility to damage limited the number of options that could be considered. The Pregis team tapped into its extensive packaging knowledge and creativity to develop a unique engineered PolyPlank® Renew™ polyethylene foam plank solution that would meet or exceed the filing cabinet

Easy to use

Sustainable

Expertise

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company's requirements. PolyPlank Renew is made with a minimum of 60 percent post-industrial content and is known for its superior cushioning attributes.

Pregis sent specifications for a six-sided protection configuration to one of its premier fabricator partners to create prototypes to use for rigorous testing. The solution features a 48 x 108-inch sheet which had been die-cut into a jigsaw pattern. The pattern created multiple pieces which could be interlocked with each other, bent to form edges and corners and also be used as top and bottom pads. The innovative solution meant that sheets could be shipped flat to the filing cabinet manufacturer, minimizing freight and also storage at the plant. Packers simply take a few minutes to configure each sheet around the metal filing cabinet to create a 6-sided cocoon of edge, corner and top/bottom protection.

To ensure that the solution would work as intended, the recommended packaging solutions were tested at Pregis' innovation headquarters, called the Pregis IQ. The Pregis IQ packaging engineers use a methodical step-by-step, total package analysis approach including design/consulting, material selection (sustainability), automation, testing and training. Packaging options are considered with performance, yield and sustainability in mind. For this particular customer, ISTA FedEx 6A testing protocols were followed.

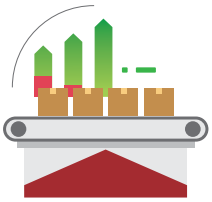
Outcome

The new solution passed all of the testing protocols and the metal cabinet company converted. On-site training was conducted so that the packers could replicate the packing methodology that had been tested.

Here are the benefits that were realized by the change in a single SKU for the company:

- Reduced damages from **73% to less than 3%**
- Increase in **production output by 33%** as packing speed went from an average of 15 packages per hour to 20 per hour
- **Annual labor cost reduction of 19%**
- **Annual savings of approximately $550K** as a result of eliminating the need to replace damaged product and removing associated logistics and customer service costs

73% to less than 3%



production output by 33%

labor cost by 19%

Approx. $550K in savings