

Case Study

Paper Manufacturer Reduces Stretch Wrap Costs and Plastic Waste

The Challenge

A paper manufacturer was interested in cutting costs within their facility and packaging process. Rocket Industrial offered a free packaging audit to discover areas for improvement.

Our packaging audits examine current packaging equipment, materials, and processes to see if there are ways to reduce costs and improve packaging efficiency. These audits typically take a few hours, involve a team of packaging experts and engineers, and do not disrupt production at your facility in any way. Our team reviews the findings and offers recommendations for improvement.

Goals:

- Find areas to reduce packaging costs
- Keep products protected

The Rocket Solution

During the on-site packaging audit, our team performed a stretch film analysis with the company's current stretch wrapper settings. Back at our in-house packaging lab, our engineers tested alternative stretch films on the company's typical load configuration to see if there were areas for improvement.

After reviewing with the client, we recommended switching from the current 90-gauge economy wrap to a 75-gauge high-performance stretch film. A sample was sent to test using the company's equipment and modifications were made to ensure load consistency.

Results

- 25% cost reduction on yearly stretch film spend
- Uses 7 tons less of plastic annually

After implementing Rocket's recommendations, the cost per load decreased, saving the company over \$25,000 annually. By changing to a lower gauge stretch film, less material is used to wrap each load, resulting in less waste.

