

SUSTAINABLE THINKING: IT'S BIGGER THAN OUR PRODUCTS

 **Allied Packaging Corporation**



What do we mean by Sustainable Thinking?

Ensuring that our products and processes minimize material use and solid waste, along with energy consumption and greenhouse gas generation, is only part of our approach to sustainability. We also focus on the solutions that our products provide, and the value they deliver, throughout your supply chain.

For example, our RAPID BANDER® Sustainable Load Containment System is more cost effective and environmentally efficient than typical stretch wrap used for pallet containment. But it does more: By ensuring that your products are protected during palletizing, transportation, warehousing, and delivery, Rapid Bander reduces the potential for economic and environmental damage in every link of this chain.

Sustainable thinking drives us to achieve this goal: **The goods secured by the Rapid Bander System must be received in the pristine condition expected by you and your customers, and the complete journey will be made with minimal impact on the environment, the economy, and society.**

Environmental Benefits

- Reduces per-pallet stretch film usage by 40% to 60%.
- Reduces per-pallet wrapping greenhouse gas emissions by at least 40%.
- Rapid Film is recyclable into bags, sacks, and other film applications.

The superior strength of Rapid Film provides a high strength wrapping web that resists punctures, tears and breaks.



Film Needed to Wrap a Pallet

Rapid Film®
3.4 oz.

Standard LLDPE
7.3 oz.

Rapid Bander significantly reduces per pallet film costs, stretch film use and greenhouse gas generation.



Economic Benefits

- Reduces per-pallet stretch film costs by 25% or more, with no capital investment.
- Reduces product and cleanup costs associated with load failures. This can be especially critical for frozen and refrigerated products.
- Reduces costs of product replacement, freight, missed delivery dates, lost customers.
- Greater throughput due to fewer wraps per pallet leads to faster wrap time and less equipment wear and tear, along with less energy consumption.

Social Benefits

- Reduced roll changes and 30% to 45% lighter film rolls result in far fewer roll changes, reducing worker strain and chances of injury.
- Reduced load failures ensure that essential products including food, beverages, health & safety equipment, and medical devices are delivered on time and in quantity.

The Journey Continues

It's been said many times that sustainability is a journey, not a destination. We are continually innovating and looking for additional ways to reduce the environmental impact of our products. For example:

- We are working with carton manufacturers to leverage the superior strength of our products to potentially source reduce the amount of material in theirs. Given the weight and ubiquity of paperboard cartons, this is an exciting opportunity.
- We are rolling out a no-cost program with customers to have their used film picked up and recycled back into film and other flexible applications.

Typical RAPID BANDER® Economic and Environmental Savings

Customer Pallets Wrapped per Day	1000
PRODUCT PROTECTION	
Average Load Containment Improvement	66%
Total Applied Stretch - Conventional Film	190%
Total Applied Stretch - RAPID FILM®	294%
PROFIT PROTECTION	
Stretch Film Annual Material Cost Savings (\$)	\$59,700
Stretch Film Annual Material Cost Savings (%)	-29%
PLANET PROTECTION	
Plastic Source Reduction Per Year (Lbs)	85,800
Plastic Reduction Per Year (%)	-55%
Greenhouse Gas Generation (%)	-58%*

*Function of reduced material usage and reduced processing times and activities.
This number is an estimate based on a specific customer situation and will vary.



**SUPERIOR PROTECTION FOR YOUR PRODUCTS.
YOUR PROFITS. YOUR PLANET.™**



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