

# Large Food Manufacturer Increases Turns 8,000% With Reusable Packaging Solution



A multi-national food manufacturer was experiencing disruptions in its automated manufacturing system. The corrugated paper boxes used to send empty bottles down the line were jamming the machines and causing the line to shut down. The company needed a more durable solution that could withstand the moisture-rich environment and reusable. They looked to Liberty Plastics, Inc. to work on a custom solution that would improve on-time production and deliver measurable savings long-term.

## Packaging Challenges to Solve

The challenge was to find a new, more durable solution that could withstand 50 turns and deliver measurable improvement to on-time production and costs over time.

- Ability to store flat and quickly pop into shape
- Material could withstand wet environments
- Handling by automated machines.
- Withstand 50 cycle turns
- Recyclable material



## Solutions Delivered by Liberty Plastics, Inc.

We achieved 80 plus turns with our reusable packaging solution. The HDPE corrugated material provided the strength, rigidity, resistance to moisture, and durability needed. The packaging design uses no glues or staples and is 100% recyclable. The solution exceeded expectations and cost savings.

- Achieved over 80 turns.
- Interior arm and bottom tray design.
- Chart printed on side to measure turns.
- HDPE corrugated to withstand moisture.
- Collapsible design lies flat.



## Case Study Capabilities

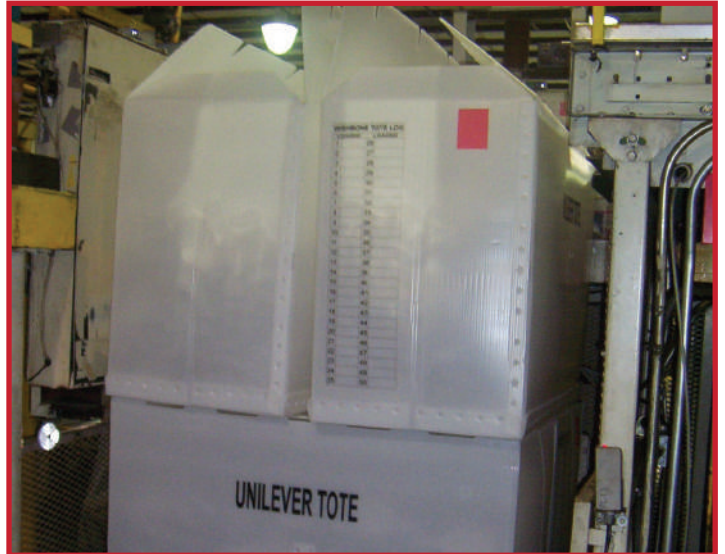
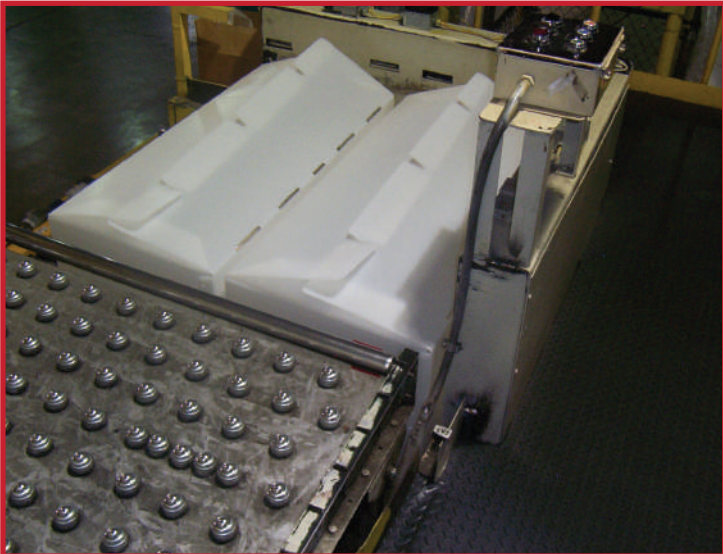
- In-house custom design capabilities
- HDPE corrugated material
- Die-cut & scoring
- Printing
- 100% recyclable - No glues or staples
- 100% reusable packaging



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



# Reusable Packaging Case Study



## Your Custom Solutions Partner

We work with companies facing today's challenges to reduce waste, weight, damage and spend. Specialists in engineered corrugated plastic, our knowledge, formulation, technology and service can help solve your biggest challenges.

