

## CASE STUDY

# Liberty Plastics Increases Turns 8,000% for Large Food Manufacturer

## PROJECT OVERVIEW

Your production materials shouldn't cause disruptions to the manufacturing process—that's just counterintuitive. When a multi-national food manufacturer's paper boxes caused jams and shutdowns during production, Liberty Plastics, Inc. stepped in and offered a more durable, reusable, corrugated paper box solution—one that could withstand the moisture-rich factory environment. We created a custom solution that would streamline the production process and deliver measurable savings long-term.

## CHALLENGE

Liberty Plastics needed to find a solution that could withstand 50 turns and deliver measurable business growth over time.

Boxes needed to:

- Store flat and quickly pop into shape
- Withstand wet environments
- Withstand automated machines
- Withstand 50 cycle turns
- Come in a recyclable material



## SOLUTION

We achieved 80+ turns with our reusable packaging solution, which comes without glues or staples. The HDPE corrugated material offered the right durability, strength, rigidity, and moisture resistance to see on-time production and cost savings over time.

- 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

## SERVICES PROVIDED

- In-house custom design capabilities
- HDPE corrugated material
- Die-cut & scoring
- Printing



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