



CASE STUDY:

Transition from Plastic Laminate to Paper Structure

A Sustainable Journey...

Sustainable, Certified, Cost-Effective Solution for Food Retail

Date:
July 2026

Prepared by:
Packaging Tech Team



Why Switch?

Environmental & Regulatory Challenges



Key Sustainability & Compliance Drivers

- **EPR Taxation** : Extended producer responsibility fees, 160 – 190 cents / Kg for plastics
- **Recyclability Challenges** : No facility available to recycle
- **Technical Readiness** : BPA Free, PFA Free & Food Contact Certification



Why Switch?

Advantages



EPR Taxation Savings

Significant reduction in Extended Producer Responsibility fees, lowering your compliance costs and improving overall product margins.



BPA Free Certified

Fully BPA free construction ensures consumer safety and compliance with the latest food packaging health regulations.



100% Paper Recyclable

Certified recyclable paper by Michigan test standards, supporting circular economy goals and meeting retailer sustainability requirements.



PFA Free & Food Contact Cert

PFA free and food contact certified paper structure guarantees safe, direct food contact across all retail products.

Technical Performance & Packaging Integrity



Cold Chain & Barrier Protection

Paper packaging survives cold chain logistics

Excellent MVTR and OTR ensure optimal shelf-life preservation throughout the supply chain.



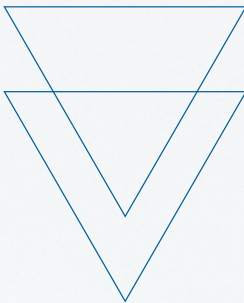
Production Line Compatibility

Fully compatible with high-speed production lines, ensuring consistent performance.

Engineered for seamless integration with existing food retail packaging operations.



Cost Analysis & Pricing Comparison



84 gsm Option

Premium grade with superior barrier properties for extended shelf life.

44 gsm Option

Cost-efficient grade ideal for high-volume food retail applications.

Production Costs

Printing & Conversion: No Impact

Cost Reductions

7-10 % Cost Reduction
30% - 40% Cost Reduction & Savings



Summary & Findings

Paper Structure Packaging delivers proven EPR savings, full recyclability, food safety certifications, and competitive pricing — making it the ideal sustainable choice for food retail.

Act Now:



EPR Savings & Full Recyclability



Certified Safe for Food Contact



Cold Chain & Production Ready



Pilot Implemented & ROI Analyzed



THANK
YOU

