

Case Study

E-Commerce Retailer
IPG ET Xtreme® Tape Head



Delaware Valley
Packaging Group



Product

The IPG ET Xtreme® tape head is a high-performance carton sealing solution engineered to deliver maximum adhesion on today's recycled corrugated cases. It combines advanced mechanical design with optimized tape application to ensure secure, consistent case closure and reduce the risk of product damage or theft.



Video Link: [DVPG - IPG ET Xtreme®](#)



Challenges

A major, industry-leading national e-commerce retailer faced ongoing challenges achieving consistent, high-quality carton seals across varying box sizes and weights. Inconsistent sealing created risks of product damage, returns, and inefficiencies in their shipping operations.



Results

The retailer implemented the IPG ET Xtreme® tape head to deliver consistent, high-quality seals across all carton sizes and weights. The advanced design improved tape adhesion and application, reducing seal failures, product damage, and costly rework. As a result, the operation achieved greater efficiency, reliability, and overall packaging performance.



Solution

The retailer implemented the IPG ET Xtreme® tape head to improve sealing consistency across all carton sizes and weights. The upgraded system delivered stronger, more reliable seals by optimizing tape application and adhesion on corrugated cases. It reduced sealing failures, minimized product damage, and improved overall packaging line efficiency. As a result, the retailer achieved more consistent performance and enhanced reliability throughout their shipping operations.



Retailer realized a reduction in repair cost to the carton sealers



The ETX tape head enabled customer to move to a lighter tape which provided a 17% material savings.



Achieved a superior seal which improved packaging throughput, consistency, and reduced shipment-related issues



Installed iTrack™ low tape/no tape sensors allowing the customer to access data to increase efficiencies on each production line.

