

Program Evidence Pack

A formal overview of how OGPSGroup engineers packaging around your product's weakest points, proves it with ISTA test data before mass production, and ships FBA-ready units — so your outdoor products arrive intact and shipping stops eating your margin.

THE PROBLEM WE SOLVE

For Amazon and DTC sellers of bulky outdoor products, two costs quietly erode margin: damaged deliveries that hurt reviews, and packaging that ships wasted space. This program fixes both at the source.

- Damage becomes bad reviews, then lower ranking. One high-damage SKU can drag an entire listing.
- Every damaged unit triggers a claim, return shipping, and a replacement — a continuous margin leak.
- Bulky products ship with high volume and low density. Poor packaging makes you pay for empty space on every unit.

THE THREE ENGINEERING LEVERS

1. Weakest-Point Flat-Pack Redesign

We map real transit failure modes, then rebuild the internal structure — load paths, corner protection, nesting — so the package protects the product's weakest areas first.

2. ISTA Validation Before Production

Packaging is tested to ISTA 3A and Amazon's ISTA 6-Amazon.com-SIOC protocols before mass production. You receive the test evidence, not a claim.

3. Density-Optimized Container Loading

Once unit packaging is locked, we model the full container: dense items as ballast, flat-packs filling the cube — lower freight per unit without sacrificing protection.

HOW THE PROGRAM RUNS — 4 TO 6 WEEKS, YOU APPROVE AT EVERY GATE

Week 1	Damage & Cost Audit Damage-rate analysis and freight-impact estimate. You lock target SKUs before redesign begins.
Week 1-3	Redesign & Prototypes Structure concepts and physical packaging samples. You approve before any tooling.
Week 3-4	ISTA Validation ISTA test report with photo and video evidence. You approve before mass production.
Week 4-5	Production & Container Loading Locked packaging specs and density load plan. You approve before the line runs.
Week 5-6	Container Ships FBA-Ready Sailing and arrival date confirmed. Final approval before the container seals.

YOUR DOCUMENTATION DOSSIER

Every program ships with the full verification record below. You receive this evidence before commitment, not after the fact.

- **ISTA 3A / 6-Amazon test reports** — photo and video evidence of every drop and simulation
- **Drop-test raw data** — the 17-drop protocol, logged per SKU
- **Impact-logger transit data** — from instrumented test shipments to destination
- **Barcode & label verification records** — intake-ready for Amazon and major marketplaces
- **AQL inspection reports** — sampling per ISO 2859-1
- **Container load plan & seal photos** — verified cube utilization and cargo security
- **Salt-spray certificates** — 500+ hours, ASTM B117

DOCUMENTED RESULTS

Claire Dubois Category Director, European Home & Garden Chain Resin storage boxes arrived at a 12% stress-crack rate from a weak inner packaging tray. After a dual-layer corrugated redesign with die-cut corner posts and cross-strap channels, the pilot landed at 0.3% damage. 8,000+ units across two years with one total warranty claim, and category margin up 320 basis points.	12% to 0.3% damage	+320 bps margin	8,000+ units
Daniel Reeves VP Global Sourcing, North American Big-Box Retailer Galvanized sheds shipped in generic cartons at 7-8% damage. Flat-pack engineering redesigned the cartons around the panels' weakest points. Container cube dropped 34% and freight per unit fell 22%, with a 9.2 unboxing experience score.	34% cube	22% freight	9.2 unboxing

PROGRAM GUARDRAILS

- Test evidence is shared before commitment — not after the fact.
- Five approval gates keep you in control at every stage.
- 0.5% target defect rate, inspected at AQL 1.0.
- One accountable team owns product, packaging, and loading.

APPLIES ACROSS OUTDOOR CATEGORIES

Patio furniture Garden storage Grills & outdoor kitchen Shade structures & umbrellas
Heaters & accessories

GET STARTED

Send us your highest-damage or highest-cube SKUs, current damage rates, and annual volume. We will assess whether packaging engineering can move the numbers — and by how much.

Book a Packaging Review Call

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Designed for brands with meaningful Amazon / cross-border volume — typically \$400K+ annual outdoor procurement.