

Packaging Case Study



PROJECT DESCRIPTION:

2U rackmount WAN optimization controllers for a leading manufacturer of WAN networking equipment
Reduce overall cost while providing equal product protection.

PROJECT SPECIFICATIONS:

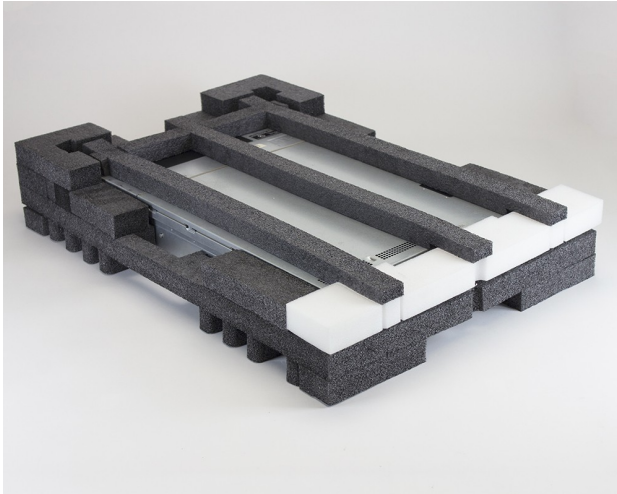
Test Method: ISTA-2A

Product Weight: 50lbs

Drop Height: 26"-38"

Fragility: 60-70 G's

ORIGINAL PACKAGING SOLUTION



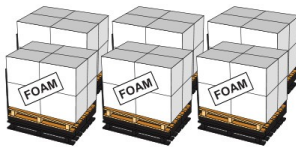
Fabricated PE Foam Packaging

REFLEX® PACKAGING SOLUTION:



Reflex® Thermoformed 4pc Edge Rail Cushions

VS



Foam Cushions do not nest & use a lot of space



Reflex® Cushions nest saving 85% warehouse space

VS



*Foam Carbon Equivalent/1000 pkgs = 0.59 tons CO₂

VS



*Reflex® Carbon Equivalent/1000 pkgs = 0.07 tons CO₂

REFLEX® PACKAGING ADVANTAGES:

Reflex thermoformed protective cushions are formed around the specific dimensions of a product and engineered to meet its shock protection requirements. They are nestable and so save up to 85% of warehousing space vs foam.

	Facility Space Savings	Recycled Content	Reduced Material Cost	More Units per Pallet	Carbon Footprint Reduction	Reduced Damage Rates
Reflex® Value	85%	100%	32% Cost Savings	14%-43% More Units per Pallet	88%	Matched/ Reduced G's

*Emissions calculations according to EPA document EPA530-R-04-004 ReCon Calculator for MTCO₂E. US Environmental Protection Agency.