

Packaging Case Study



PROJECT DESCRIPTION:

Card reader for leading identity handling equipment manufacturer.
 Maintain or reduce overall cost while reducing field damage from original packaging.

PROJECT SPECIFICATIONS:

Test Method: FedEx 6a Product Weight: 26 kg Drop Height: 76 cm Fragility: 50 G's

ORIGINAL PACKAGING SOLUTION



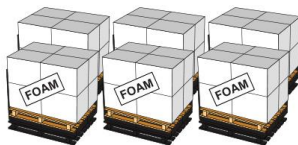
Fabricated Foam Packaging

REFLEX® PACKAGING SOLUTION:



Reflex® 2pc Thermoformed 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 = 0.86 tons CO₂

VS



*Reflex® Carbon Equivalent/1000 pkgs = 0.08 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%	15% Cost Savings	-	91%	Reduced G's by up to 50%

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