



Packaging Success Story – Plastic Slip Sheet implementation for Electronics Manufacturer

Project Objective:

- Increase cube optimization
 - Optimize product protection and minimize use of packaging material
 - Reduction in transportation cost / fuel / emissions
 - Reduce packaging and increase density of components in shipping containers (in and outbound)
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Approach:

- Packaging redesigned to reduce weight and increase shipping density
 - Implementation of plastic slip sheets
 - All packaging material sent to local recyclers to be sorted and converted into a finished recycled good
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Successes/Savings:

- Fresh Pak implemented plastic slip sheets for a global supply chain
- Removal of 1 million pallets the first year throughout their supply chain by switching over to the plastic slip sheets
- Packaging savings in excess of \$30M USD
- 25% increase in container freight density
- 17,000 tons of total packaging tonnage reduction first year
- Improved environmental awareness throughout the organization

Traditional Material Handling:

- Wood Pallet
- Material: New Timber
- 500 Pallets
- Weight: 32,500 lbs.
- Volume: 2,825 cubic feet
- 10 Pallets: 4 feet high
- Cost: Up to \$7,500
- End of Life: Landfill



Sustainable Material Handling:

- Plastic Slip Sheet
- Material: Recycled Plastic
- 500 Slip Sheets
- Weight: 1,000 lbs.
- Volume: 35 cubic feet
- 500 Slip Sheets: 10" high
- Cost: \$750
- End of Life: Closed loop recycling program

