



# Infrared Applied

*92% Floor Space Reduction...  
and that's just for starters!*

## Product Specifications

Product	Aluminum Cookware
Material	Non-Stick Coating
Conveyor Type	Chain-on-Edge
Coating	Powder

## The Old Way

Using a 600°F convection oven to cure the non-stick coating onto the exterior portions of the cookware.



## The New Way

- Replaced 15 minute convection oven with a short-wave infrared oven
- Infrared oven reduced cure time to 1 minute and 20 seconds

## Problems and Goals

### Problems

- The convection oven is operating at maximum capacity
- Taking too long to cure parts
- Significant heat introduced into workers environment

### Goals

- To increase production without sacrificing quality of product

## Benefits

- Reduced heat into the workers environment
- Increased production within the first hour by 84 pieces
- More consistent appearance (gloss, color, etc)
- Reduced floor space from the 600 sq ft convection oven to a 48 sq ft infrared oven