

Packaging assessment for a global leader in label production with sales in excess of \$4 billion.

Objectives

- ◆ Create a containment standard for each product line.
- ◆ Reduce film usage in order to reduce total packaging costs.
- ◆ Reduce the number of revolutions to increase throughput on capital equipment and eliminate manufacturing bottleneck.

Current Situation

- ◆ Using 105G competitive cast film with on pallet stretch ~200%.
- ◆ Averaged 29 revolutions.
- ◆ Average film weight was 2 LBS.

Gauging Success

Film Savings



Containment Force



Cycle Time



The Impact of Rite-Gauging

- ◆ Down-gauged to Sigma Vortex 80G and increased the amount of containment force and robustness from 20.5 LBS to 23.8 LBS.
- ◆ Reduced the amount of film used to 13 ounces.
- ◆ Reduced number of revolutions required to more effectively unitize the pallet to 16.