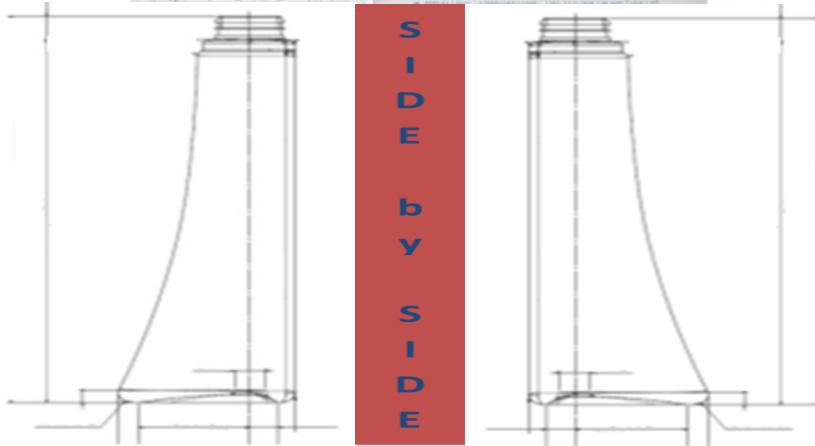


# Case Study 171



## 1. Situation / Challenge:

Our customer presented Currier Plastics a unique package geometry that needed to be packed in shrink wrap as a side by side configuration. Previous attempts at processing this configuration led to critical negative elements that needed to be overcome.

## 2. Evaluation:

The evaluation of this program clearly defined three areas of most concern including;

- perpendicularity to the base of the bottle
- assembly panel area that was not flat
- very weak corners

## 3. Process:

The first step was to work with our customer to define specific fail conditions and bottle specifications. Collaboration was very important as time was also a factor in the production forecasts.

CAD Models were then edited using Currier Plastics Design For Manufacturing (DFM) characteristics and sent to customer for approval. Within 30 days, Currier Engineering established a robust design with engineering details including overflow and subtle height adjustments.

## Solution / Results:

Currier Plastics embraced the challenge and with the Design / Engineering & Customer collaboration drove:

- 1 cavity Prototype mold produced for first article inspection for proof of design
- Multi-cavity Production ISBM Mold produced
- Currier Team traveled to Japan to approve build on site

**Product Launch was successful and currently in production with over 1/2 million sold year to date.**

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CUSTOM DESIGN / INJECTION MOLDING / BLOW MOLDING  
**CURRIER  
PLASTICS**  
V<sup>2</sup>

V<sup>2</sup> = VALUE x VELOCITY

Currier Plastics is driven to provide two elements of outstanding capabilities to our customers; speed or true **velocity** in everything we do multiplied by superior **value** that incorporates total quality, operational efficiency and established organizational core values.