## Curing the Inside Liner of Baby Food Bottle Tops

**Objective**  
Heat steel baby food bottle tops to 300 °F (148.9°C) for curing the inside liner.

**Material**  
Steel Baby Food Bottle Caps

**Temperature**  
300 °F (148.9°C)

**Frequency**  
373 kHz

**Equipment**  
- Ambrell 7.5kW induction heating system equipped with a remote workhead containing two (2) capacitors equaling 0.125 µF
- An induction heating coil designed and developed specifically for this application

**Process**  
A three turn oval pancake coil is used to cure the inside liner of a baby food bottle cap. The bottle cap travels through the coil at 25” per second to cure 500 caps per minute.

**Results/Benefits**  
Induction heating provides:
- Faster & more economical production times and cost
- Low temperature avoids damage to components
- Repeatable results