

## **IRCON System Solutions – Plastic**

### Plastic Container Manufacturing

#### **Customer Needs**

Milk bottles, motor oil containers, orange juice containers, and many other bottles are extruded in the form of a tube. The tube is cut to length and placed in a mold where it is blown to the shape of the container.

Temperature is critical to provide the proper wall thickness, color, and mold conformity. The plastic temperature is measured at the exit of the extruder prior to going into the mold.

The Javelin 8-14 $\mu$  is not affected by color, thickness, or chemical formulations. It provides accurate temperature to insure high productivity

#### **Features/Benefits**

##### Product

- Javelin (8-14 $\mu$  Range) or Min IRT if an extension is required.
- Two color is impervious to changes in the plastic, color, thickness, etc.
- Sell Ircon as a full line supplier with line scanning and thermal imaging technology.

##### Application

- Less scrap plastic
- Increases in production speed and quantity

#### **Products?**

1. Javelin IR Thermometer

#### **Application**



Blow Molding machines