



**INSPEKTO**  
AUTONOMOUS MACHINE VISION

# Rubber sealing and plastic Injection Molding Inspection

## Inspection Use Case

### Application

Rubber and plastic injection molding inspection

### Inspection objective and potential defect description

This product is used as part of a car's air conditioning system. The white rubber blocks outside air from entering the car interior. Any missing rubber, torn rubber, or small holes should be detected.

### Permitted defects

Minor shade changes. Minor surface variation ("clouding") on black plastic.

### Special inspection challenges

1. Windows in the plant allow sun to shine on the product at certain times of day.
2. Needs to check several angles of the product in short time.
3. Products often come in 2+2 format

## Production Environment

### Line handling method

Robotic arm

### Inspection triggering method

Automatic

### PLC type and protocol

Relay Switch

### Production speed

60 ppm



## Part Description

Name

White Rubber around Black part

Inspection Materials

Rubber

Production process

Injection Molding

Industry

Automotive

## Using INSPEKTO S70

