

# [How to] PRINT ON REFLECTIVE FILM



Avery T-6500 Very High Intensity Prismatic Reflective Film is best used for signmaking, traffic signs and work zone applications. This is a 10-year outdoor adhesive durable material.

**PRINTER:** UCJV300 Series

**RASTERLINK VERSION:** RasterLink 6 Plus Ver 2.1

**MEDIA:** 3M IJ680CR-10 Flexible Reflective Film

**PROFILE:** Generic PVC v3.5

**TYPE:** Full Color

**PASSES:** 16

**OVERPRINT:** 1

**RESOLUTION:** 600x1200

**INK:** LUS 170

**INK CONFIGURATION:** CMYK

**AMOUNT OF INK USED:** 1.292cc



Profiles can be downloaded through the profile update tool in RasterLink or manually on the product pages found at [www.mimaki.com](http://www.mimaki.com)

# STEP 01: DATA CREATION

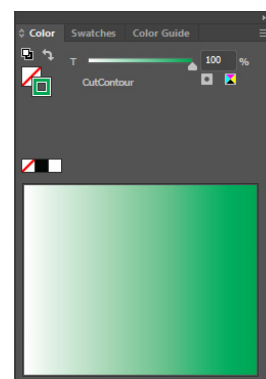
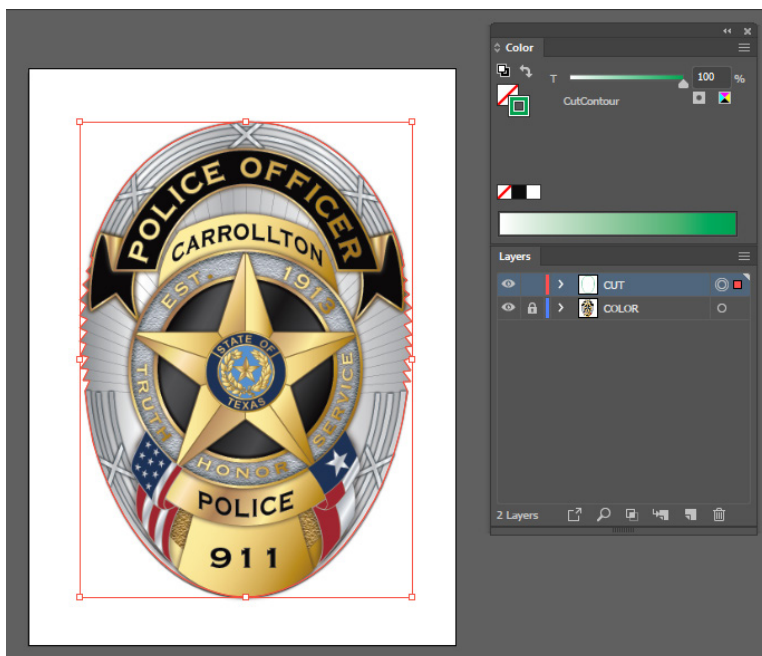
## 1.1 CREATE AN ILLUSTRATOR DOCUMENT

- Create your document and artboard to your preferred size. For this particular design we've used 7x5.5
- Load a design into the file and arrange it inside the artboard



## 1.2 CREATE YOUR CUT LINES

- Create a path around all your artwork. This will serve as your Perforated cut line
- Select the path and use the Mimaki Illustrator Plugin to register the paths as mimaki cut lines



**NOTE:** Any paths can be converted to cut lines with RasterLink Tools and should have a stroke color named CutContour

**This tool converts paths to a cut line**





### **1.3 SAVE YOUR LAYERS**

- You should now have a graphic with:

- Cut lines
  - Artboard with reflective sign images
  - Seperate layer for desired white areas
- Save all the layers as an EPS file  
- Save the white layer as a seperate EPS file

## **STEP 02: RASTERLINK SETTINGS**

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### **2.1 UPLOAD FILES TO RASTERLINK**

- Load your files into Rasterlink

### **2.3 QUALITY AND PROFILE CHANGE**

- In the Quality section select the profile and resolution to fit the material you are printing on

### **2.4 LAYOUT AND SIZE CHANGE**

- Click the General Print tool on the Rasterlink toolbar. Here you can align your object to the material and create any copies

## **STEP 03: CUT SETTINGS**

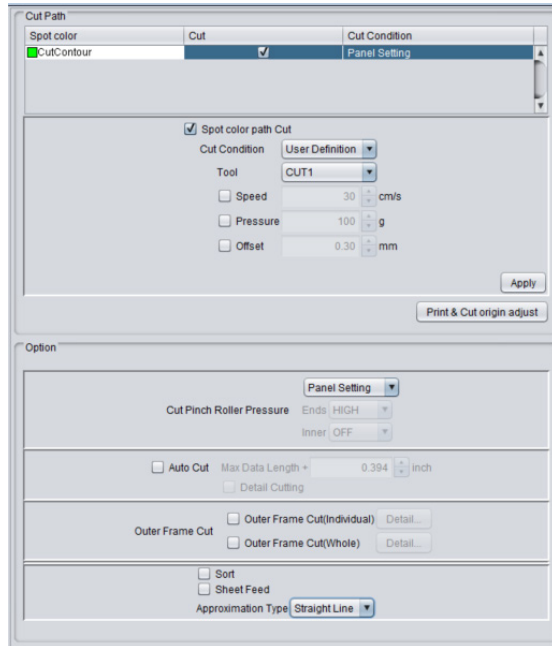
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### **3.1 SETUP CUT SETTINGS ON THE UCJV**

- On your printer under the Tools tab select "Cut 1" and change the settings to fit a perforated cut on your material, making sure to turn "Half Cut" on

### 3.2 RASTERLINK CUT SETTINGS

- Go to the General Print Section
- In the “Cut Edit” tab under “Cut Path” select your green perforated cut line
- In “Cut Condition” change the Panel Settings to “User Definition” then select Cut 1 then select Apply



**NOTE:** When using special materials such as metallic choosing “Fill around register marks” will prevent errors when the UCJV begins detecting the marks for cutting.

## STEP 04: RASTERLINK SETTINGS

### 4.1 EXECUTE PRINT AND CUT FILE

- Choose the execution tool in the RasterLink toolbar
  - Select print and cut from the dropdown, and click start to send the file to the printer

