[How to] **COVID-19 Sign, Second Surface Printing**

PRINTER: UJF-7151plus
RASTERLINK VERSION: 2.4

MEDIA: Plaskolite Acrylic
PROFILE: For Printer Registration or UV-PET
TYPE: Full Color
PASSES: 12
OVERPRINT: 1

RESOLUTION: 600x900

INK: LH-100
INK CONFIGURATION: CMYK + W + Silver
AMOUNT OF INK USED: 00.567 cc

Profiles can be downloaded through the profile update tool in RasterLink or manually on the product pages found at www.mimaki.com

STEP 01: DATA CREATION

1.1 CREATE AN ILLUSTRATOR DOCUMENT

- Create the document and artboard to the preferred size. For this particular design we've used a 18"x26" artboard
- Load a design into the file and arrange it inside the artboard

NOTE: Graphics that will utilize special plates or color replacement workflows must be created with vectored objects in CMYK.

1.2 CREATE A "WHITE LAYER"

- Create or move all the vector objects that will be printed with White ink to a new layer.
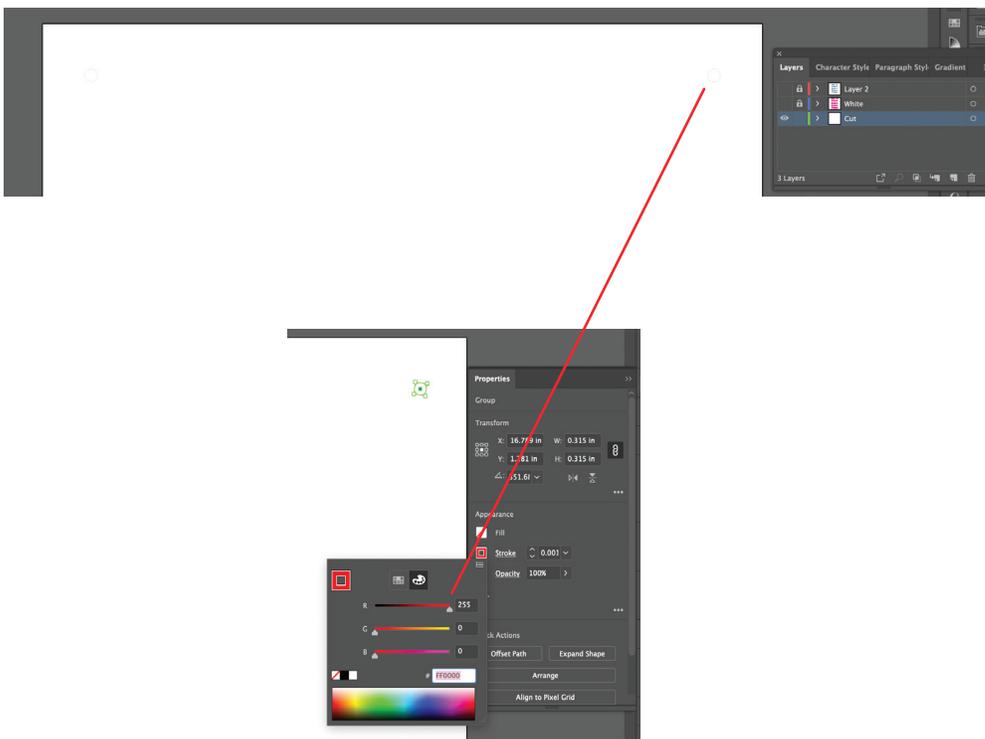- Assign the objects a single CMYK Color that will be replaced.

NOTE: Use a color that does not occur elsewhere in the graphic.
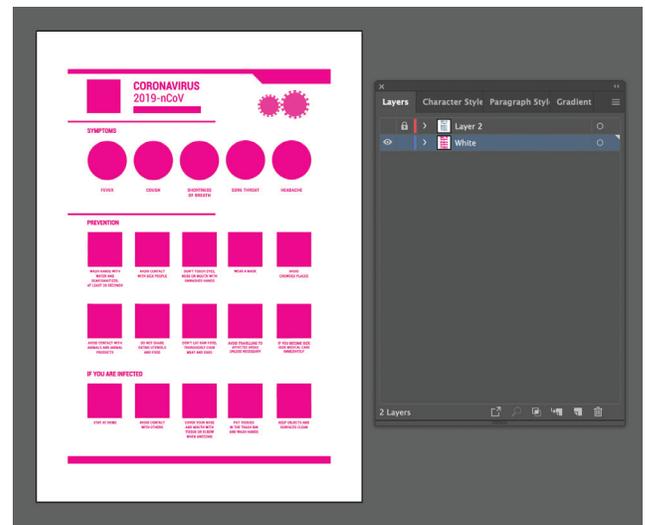
1.3 CREATE YOUR CUT LINES

- In a separate layer, create any paths that will be used as a cut line
- In this example, we have created holes for stand-offs on the Trotec Speedy400
- Assign the lines a stroke thickness of .001 an and RGB color of 100% red.

1.4 SAVE YOUR LAYERS

- You should now have a file with the following layers:
  - Color graphics
  - White ink call out
  - Cut line
- Save the following layers separately as EPS files
  - Color layer
  - Single CMYK Color (for White)

# STEP 02: RASTERLINK SETTINGS

2.1 UPLOAD FILES TO RASTERLINK
- Load your files into Rasterlink

2.2 CREATE SPECIAL PLATE: WHITE INK
- Click the Color Replacement tool in the RasterLink toolbar and select the colors to be replaced in the Preview window.
- For this example, everything Magenta will print as White, assigning 100% for all available White inks channels.

2.3 COMPOSITE THE LAYERS TOGETHER
- Click the composition tool in the RasterLink toolbar and reorder the sequence by dragging the print layers in the composition window.
- Our Color layer should print first, then the White layer on top.
- Click the Composite button.
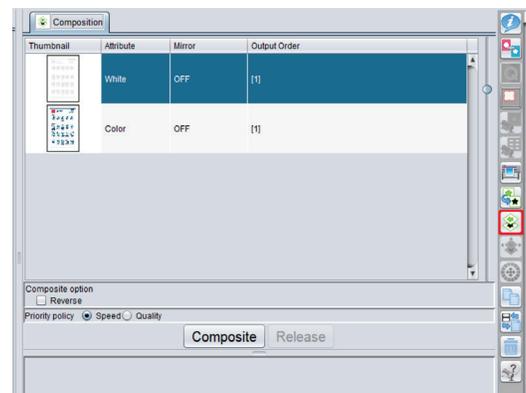
2.4 LAYER ADJUSTMENTS
- Click the Layer adjust tool.
- Make adjustments to thin the White layer to ensure it is tucked behind the Color layer.

2.5 MIRROR ARTWORK

- Click the General Print tool.
- Mirror / Reverse image for second surface printing

2.6 CHOOSE PROFILE AND RESOLUTION

2.5 Choose profile and resolution.
- Click the Quality tool.
- Also, confirm Color matching settings.
Profile: Generic UV-PET | Resolution: 600x900

2.7 EXECUTE PRINT

- Choose the Execution tool in the RasterLink toolbar
  - Select Print and click Start to send the file to the printer