

[How to] Print Drink Sleeves

The UCJV Series offers unlimited versatility in the range of printable media and applications that can be produced. A custom drink sleeve is an easy way to add advertisement and branding to disposable cups. Here is a guide on how to print drink sleeves.

PRINTER: UCJV300 Seires

RASTERLINK VERSION: RasterLink 6 Plus Ver 2.1

MEDIA: Neenah Environment Paper Desert Storm

PROFILE: 3M 40C 10R v3.5

TYPE: Full Color

PASSES:16

OVERPRINT: 1

RESOLUTION: 600x600

INK: LUS 170

INK CONFIGURATION: CMYK + CL CL + W+W

AMOUNT OF INK USED: 3.162cc

Preperation Tools:

Neenah Paper Media

Mimaki's CF22



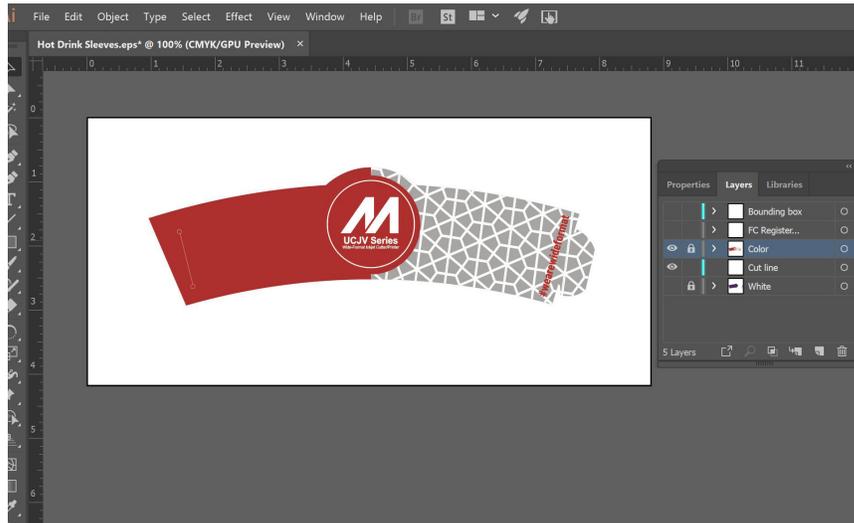
Profiles can be downloaded through the profile update tool in RasterLink or manually on the product pages found at www.mimaki.com

STEP 01: DATA CREATION

1.1 Create an Illustrator Document

- Create your document and artboard to your preferred size. For this particular design we've used a 25.4"x 29.5" artboard
- Load a design into the file and arrange it inside the artboard.

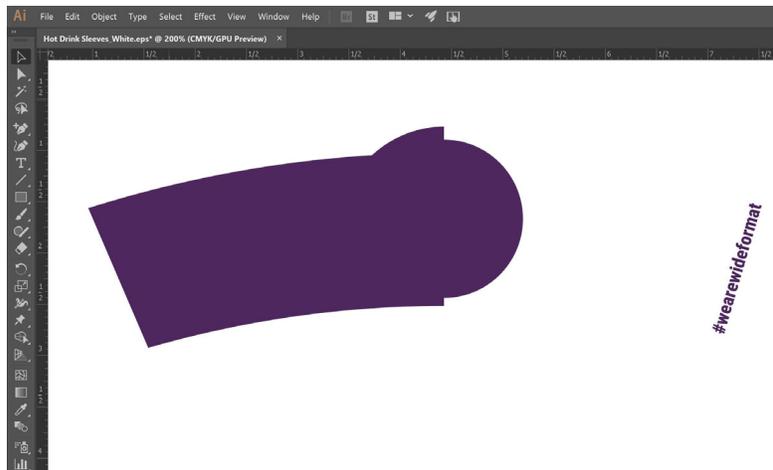
Note: Graphics that will utilize special plates or color replacement work-flows must be created with vectored objects in CMYK.



1.2 Create a “White Layer”

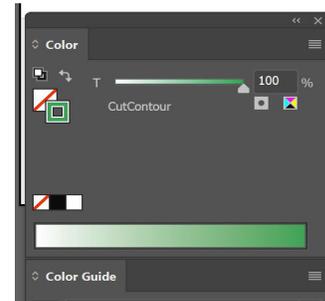
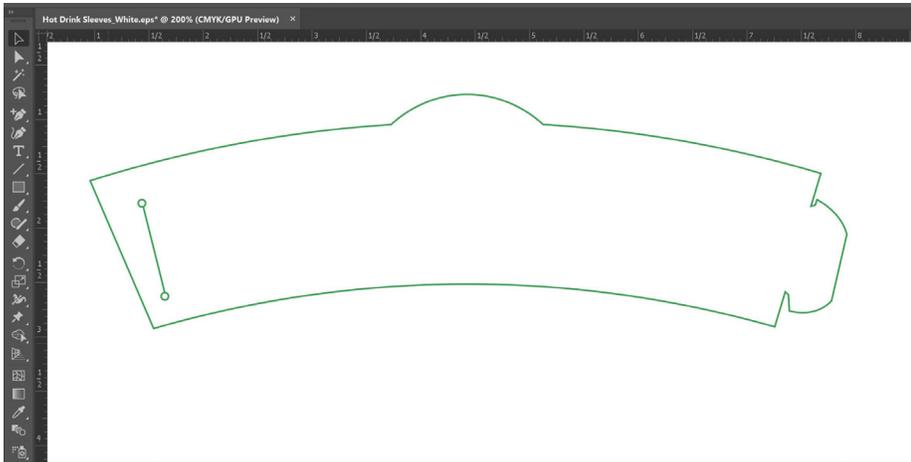
- Create or move all the vector objects that will be printed with white ink to a new layer.
- Assign the objects a single CMYK color that will be replaced.

Note: Use a color that does not occur elsewhere in the graphic.



1.3 Create a Cut line

- In a separate layer, create any paths that will be used as a cut line
- In this example we selected the path of the coffee sleeve for a cut.
- Using Mimaki Rasterlink Tools for Illustrator convert the paths with the cut assign tool.



This tool converts paths to a cutline

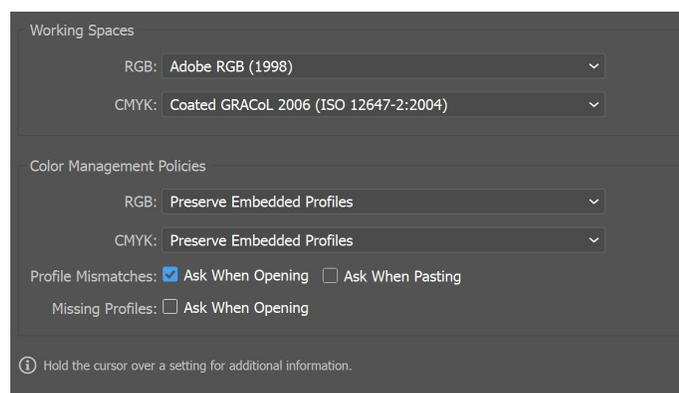


Note: Any paths can be converted to cut lines with Rasterlink tools and should have a color named CutContour.

1.2 Confirm settings.

- Go to Edit>Color settings.

NOTE: You can adjust these settings as desired.



1.3 Save your work.

Save your work

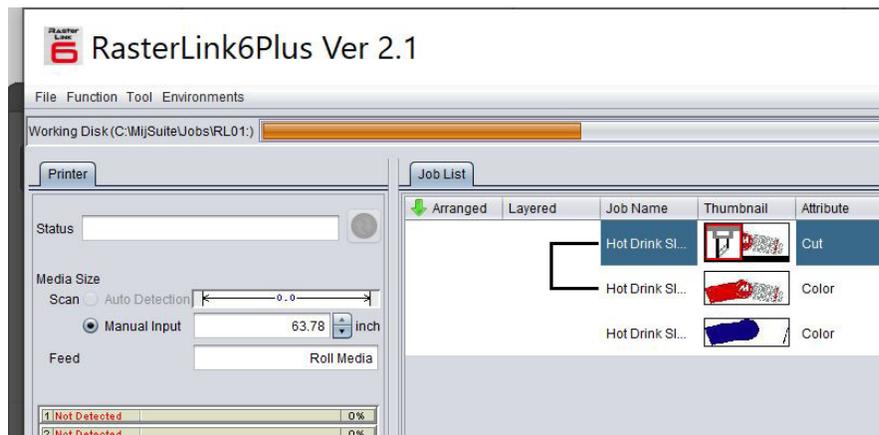
- You should now have a graphic with:
 - Sized artboard
 - A layer for white objects
 - Save the layer with color
 - Save the layer with the single CMYK color

Note: Before printing the file, load the material on the printer.

STEP 02: RASTERLINK SETTINGS

2.1 Upload files to Rasterlink

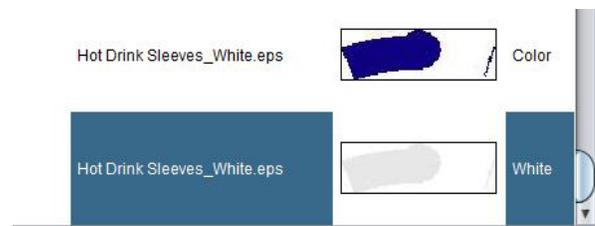
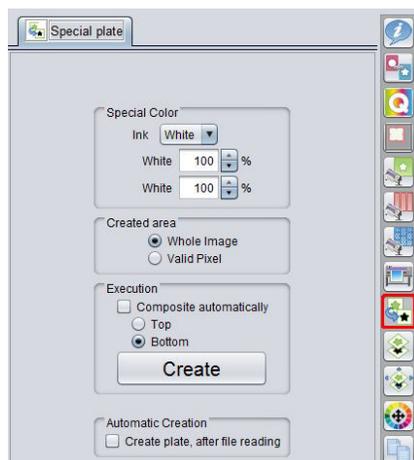
- Load both your EPS files into Rasterlink



2.2 Create a White Layer

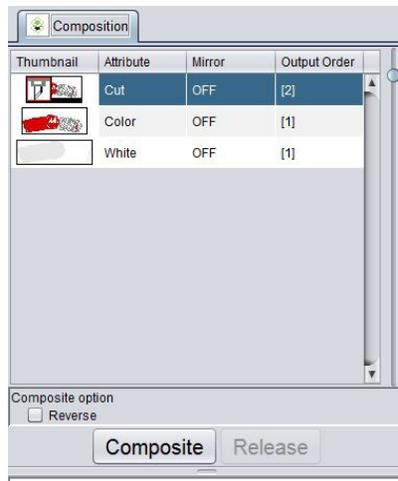
- Select your color only EPS file in the job queue.
Click the special plate tool in the RasterLink toolbar and create a valid pixel image
-For this example we used the settings in the image below.

Note: You can adjust these settings as desired.



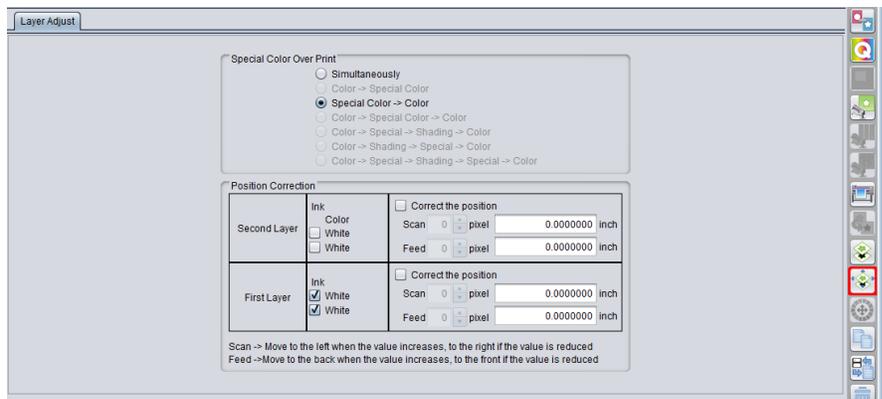
2.3 Composite the Layers Together

- Click the composition tool in the RasterLink toolbar and reorder the sequence by dragging the print layers in the composition window.
- Our white layer should be at the bottom and the cut layer at the top.
- Click the composite button.



2.4 Layer Adjust

- Click the Layer adjust tool.
 - Select special color > color.
- This function ensures the special color layer is printed first then the color layer.



2.5 Choose profile and resolution.

- Click the Quality tool.
- Also, confirm color matching settings.
 Profile: 3M 40C 10R v3.5 | Resolution: 600x600VD

STEP 03: FINISHING

3.1 Setup

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

3.2 Print

- Click on Execution icon. When the print condition and print place are confirmed, you can start printing.

3.3 Application

- Once the image is printed, place the sleeve around the coffee cup.