

# Flatbed Injket Printing

on the Roland VersaUV LEF-20



## Match the artboard size to the Substrate size.

- Measure the overall length and width of the substrate you will be printing.
- In Illustrator, Select File > New
- Set the width and height of the document to match the overall length and width of the substrate.



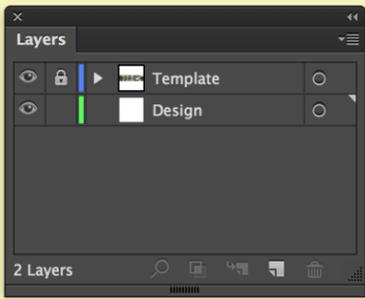
## Create a template of your substrate.

- Draw important Features. The exact size and exact locations of these features is important.
- Use only stroke colors, no fill color.
- When finished, Lock this layer.



## Add a Design Layer.

- Create a New Layer.
- This layer should be below the template layer.



## Will your print bleed off the edge?



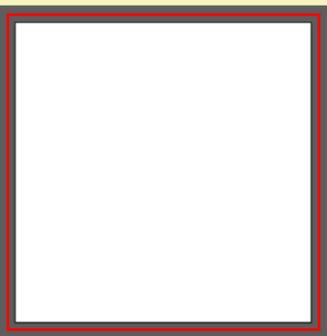
## No, my design will not bleed off the edge.

Continue ...



## Yes, my design will bleed off the edge.

- File > Document Set Up
- Add a .125 in bleed on all sides that bleed. This will allow for ink overspray.
- Extend any design elements that will bleed off the edge to the red bleed line.



## Design your Artwork.

- Use either Photoshop or Illustrator to create the artwork.
  - If you use Photoshop, place the PSD on the Design layer in Illustrator.
  - If you use Illustrator, select your artwork and choose Object --> Rasterize
- Helpful Hint:** You can open the Illustrator file in Photoshop to see the template lines.

## Is your substrate clear or dark colored?

✗ No

✓ Yes

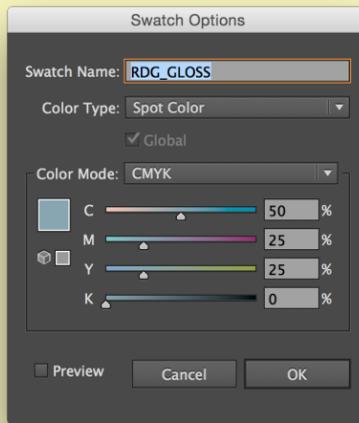
## Will you be adding Gloss?

✓ Yes

✗ No

## Yes. Create a Gloss Overcoat.

- Create a new swatch with the following options.

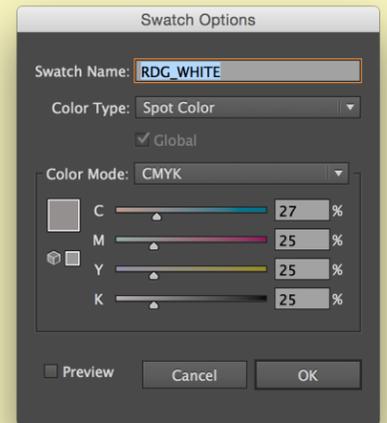


- Use this as a fill color for all objects that will be printed using Gloss.
- For an underbase, create a shape that covers the cmky printed areas.



## Create a White Underbase.

- Create a new swatch with the following options.

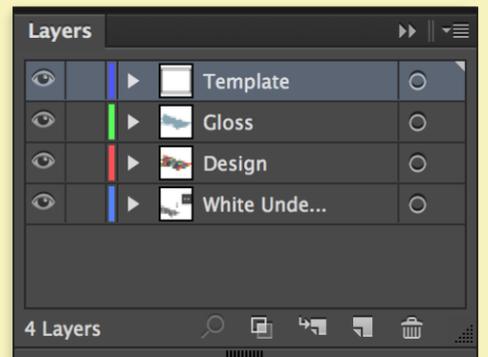


- Use this as a fill color for all objects that will be printed using white ink.
- For an underbase, create a shape that covers the cmky printed areas.



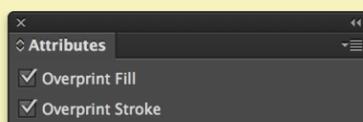
## Separate your artwork onto layers.

- Separate your artwork onto layers. See below.



## Overprint your Artwork.

- Select all of your artwork and Overprint the Fill and Stroke.



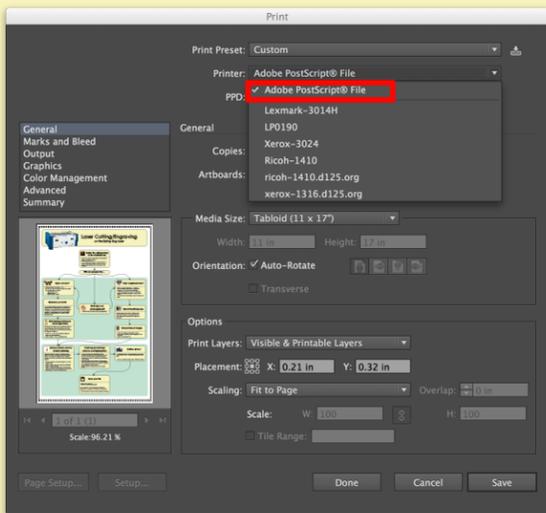
Flip Over

Continue Here

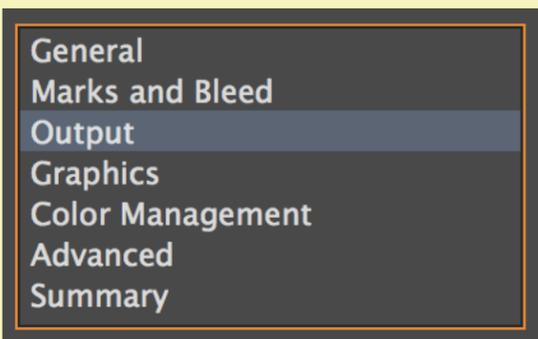


## Create a Test Print

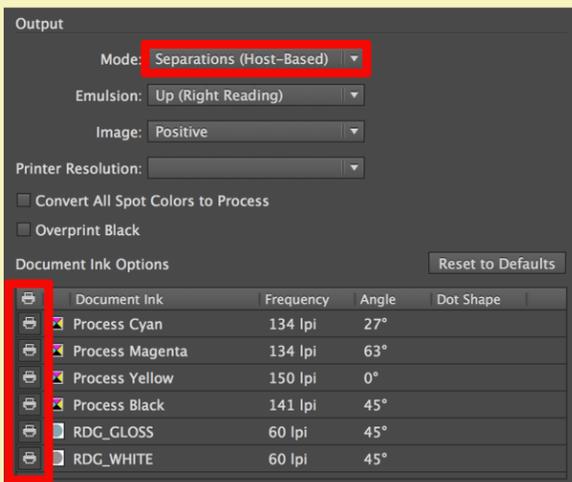
- File -> Print
- Select Adobe PostScript File for the Printer.



- Select Output

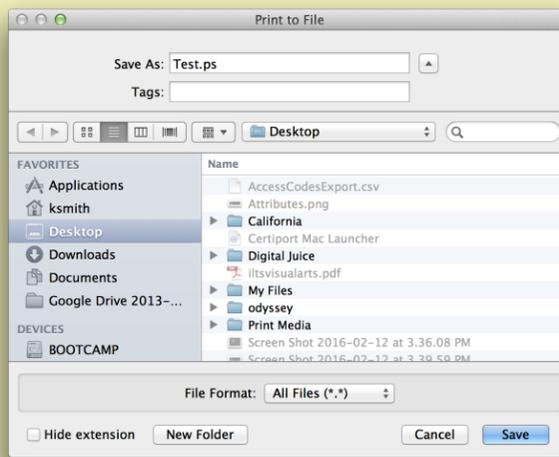


- Choose Separations (Host-Based) for the Mode.
- Make sure the Printer Icon is showing for Process Cyan, Process Magenta, Process Yellow, Process Black, RDG\_GLOSS, and RDG\_WHITE.

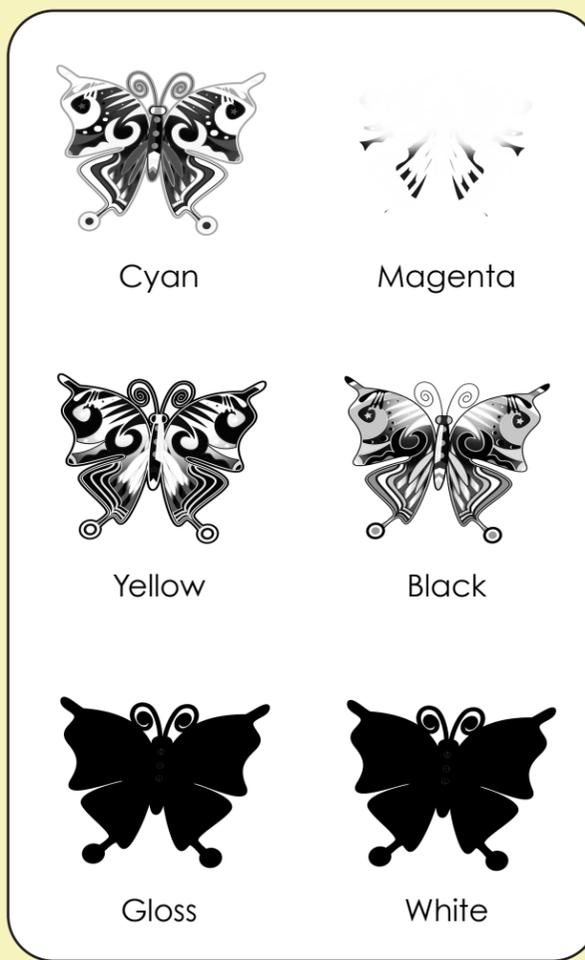


## Create a Test Print (Continued)

- Click Save.
- Choose a file name and location for the file.



- Check the File.
- It should be 6 pages.
- The WHITE and GLOSS pages should be solid black where the white and gloss ink will print.
- The CMYK pages should show where each respective color will print.



## Save your AI file

- Select File > Save As
- Format: Illustrator EPS (eps)
- Select "Use Artboards"

Save your files in the following named format, replacing the fields with the relevant information:

LASTNAME\_FIRSTNAME\_PROJECTNAME.eps

