[How to] **SPECIALTY PAPER PACKAGING**

PRINTER: UCJV 300-160

RASTERLINK VERSION: VERSION: 1.10

MEDIA: NEENAH | SO…SILK® PAPERS | Beauty Pink
PROFILE: Generic PVC v3.5
TYPE: Full Color
PASSES: 16
OVERPRINT: 1

RESOLUTION: 600x600
INK: LUS 170
INK CONFIGURATION: CMYK
AMOUNT OF INK USED: 0.413cc

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 a box template 20in x 14in was created
- Load a design into the file and arrange it inside the artboard

1.2 CREATE A "WHITE LAYER"
- Select all objects desired to be white
- Assign the objects a single CMYK color that will be replaced. (see ex. 1.1-1.2)

1.3 CREATE A "CLEAR LAYER"
- Create or move all the vector objects that will be printed with clear ink to a new layer (see ex. 1.3)

1.4 CREATE YOUR CUT LINES
- In a new layer create a path where cut lines are desired
  - For example, around all your artwork and anywhere inside the artwork
  - The cut lines created can also be used as a clipping mask for the color graphics in the design

1.5 SAVE YOUR LAYERS
- You should now have a file with the following layers:
  - Color graphics
  - White ink call out
  - Clear ink call out
  - Cut line
- Save color, white and clear layer as seperate EPS files
- Save the cut layer as a PDF file (for Gravograph only)

ex.1.1-1.2

For this design magenta is the call out color for the white areas.

ex.1.3

For this design yellow is the call out color for the clear areas.

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

STEP 02: RASTERLINK SETTINGS

2.1 UPLOAD FILES TO RASTERLINK
- Load your files into Rasterlink

2.2 CALL OUT WHITE LAYER
- Click the color replacement tool in the RasterLink toolbar and select the colors to be replaced in the preview window.(see ex. 2.2)
- For this example, everything Magenta will print as white, assigning 100% for all available white inks channels.

2.3 CREATE SPECIAL PLATE: CLEAR INK
- Select desired file and click the color special plate tool in the RasterLink toolbar. (see ex. 2.3a)
- After the special plate is made click the Properties button in the toolbar. (see ex. 2.3b)
- Click "Properties" option
- Click "Setup"
  - a new window will appear
- Click "UV Mode"
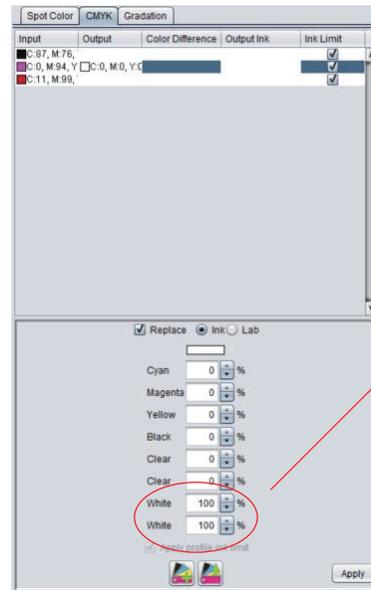 - select "Glossy Print" option
- Click "OK"

2.4 QUALITY AND PROFILE CHANGE
- In the Quality section select the profile and resolution to fit the material you are printing on
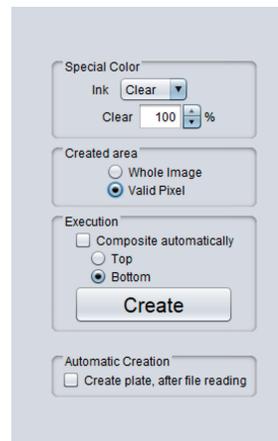 - 600x600
  - Generic PVC v3.5

2.5 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 additional copies as needed.
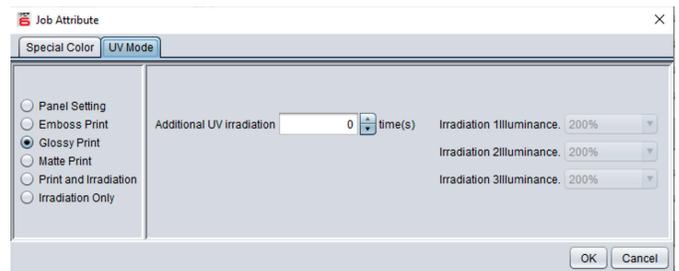
ex. 2.2

You can adjust these settings as desired. For this example we used the settings in the image below.

ex. 2.3 a

ex. 2.3 b

STEP 03: RASTERLINK SETTINGS

3.1 EXECUTE PRINT
- Choose the execution tool in the RasterLink toolbar
      • Select rip and print from the dropdown, and click start to send the file to the printer

Mimaki LUS 170 Inks
Specialty Pink Paper

STEP 04: CUT AND SCORE

4.1 CUT ON GRAVOGRAPH LS-900
- Load your PDF into Gravograph Laser Style Software
      • Set desired parameters
      • Execute cut file