CJV150/300/300 Plus Metallic Color Printing Guide

This manual describes the effects that can be expressed when silver ink is used in CJV150/300/300 Plus, and how to set and print them.
Please read this manual carefully and use it correctly.

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Notations used in this document

- Items and buttons displayed in menus and on screens are marked with square brackets ([ ]) as in [File].
- RasterLink6Plus,RasterLink7 and RasterLink8 are referred to as RasterLink in together.

Screen image used in this document

- The explanation is based on the screen image of RasterLink6Plus as an example.

Symbols

Important!	• This symbol indicates important information for using this product.
	• This symbol indicates useful information.

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Applicable environment

Printer	CJV150/300 FW Ver.1.40 later CJV300 Plus FW Ver.1.20 later
Ink	SS21 silver ink
Mimaki Driver	When using RasterLink6Plus: The version that is compatible with the printer you use. When using RasterLink7:Ver.5.4.0 or later When using RasterLink8:Ver.5.13.0 or later
RIP	RasterLink6Plus Ver.2.3 or later RasterLink7 Ver.1.3.0 or later RasterLink8 Ver.1.0.0 or later
Others	RasterLinkTools Ver.1.3 or later

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Before printing the silver ink, please check first

Printer setting

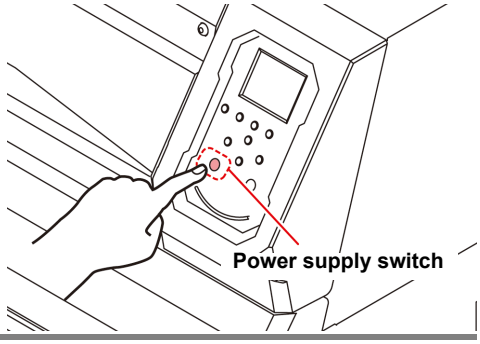
Make the following settings on this machine.

■ **For setting "OFF" the [LOGICAL SEEK]**
By setting the logical seek, operation of the head will change at the time of print. For details, refer to the Operation manual of this machine.

■ **Set the [DRYING TIME] to "0.0 seconds"**
For setting the drying time of ink. For details, refer to the Operation manual of this machine.

1. Turn on the machine.

- For details, refer to Chapter 2 “Turning the Power On” in this machine's Operation manual.



2. Set of the [LOGICAL SEEK].

(1) In local, press (FUNC1) (MENU)➡ (ENTER).
- Display the “SETUP MENU”.

(2) Press (▼) 3 times, then press (ENTER).
- “LOGICAL SEEK” is selected.

(3) Press (▲)(▼) to select “OFF”, then press (ENTER).
- Return to [SETUP MENU] screen.

3. Setting of [DRYING TIME].

(1) Press (▼) once, then press (ENTER).
- “DRYING TIME” is selected.

(2) Press (▲)(▼) to select “SCAN”, then press (ENTER).
- Setting screen of drying time is displayed.

(3) Press (▲)(▼) to set drying time to “0.0s”, and then press (ENTER).

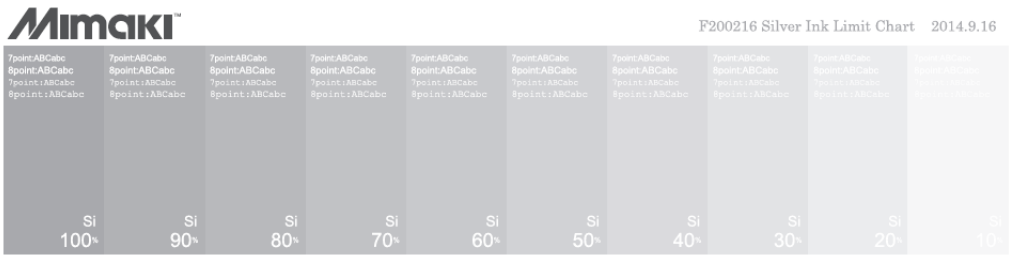
4. Press (END/POWER) several times to return to [LOCAL].

Confirmation of appropriate printing conditions

The color of the print using the SS21 silver ink is very different from the color to be displayed in the preview of the application.
Because there is image quality varies depending on the media you want to use, you need to make sure the first printing conditions suitable for the media.
After confirming the printing conditions, it is recommended that you create a color swatch of silver monochromatic and metallic color in printing conditions suitable for the media.

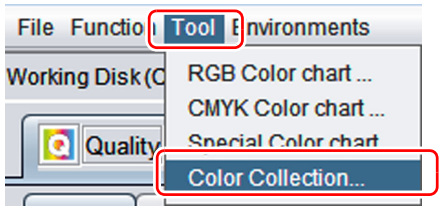
● Create a silver monochromatic color swatch

Even in the case of media that do not have a metallic color profile, in order to use your silver ink effectively, please output the following color swatch and check the print condition that matches the media.
Here, explain the procedure to print a two-layer print.



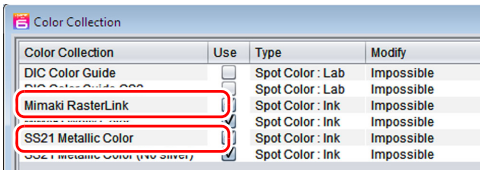
1. **Check the setting of Color Collection.**

- Choose [Color Collection ...] from [Tool] menu.

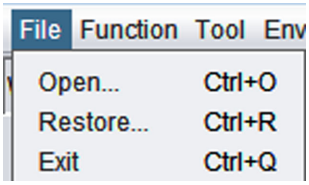


2. **Make sure that the use columns of "SS21 Metallic Color" and "MIMAKI RasterLink" are checked.**

- Put a check if the use columns are not checked.



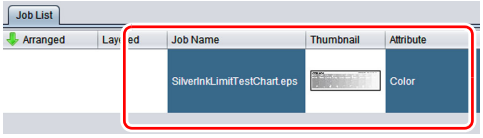
3. **Select [Open...] from [File] menu of RasterLink.**



4. **Select the image in the following folder, and then click [Open] button.**

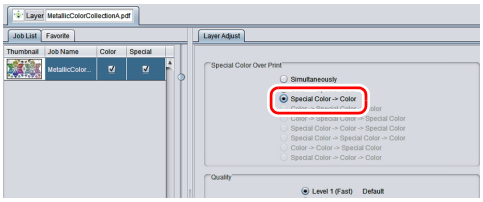
- RasterLink6Plus C:\MijSuite\ColorChart\Default\SilverInkLimiTestChart.pdf
- RasterLink7,RasterLink8 C:\MijCtrl\ColorChart\Default\SilverInkLimiTestChart.pdf

5. **From [Job List] panel, select the image (job) that is read.**



6. **Click [Layer] icon.**

7. In [Layer Adjust] panel, select the "Special Color → Color" for [Special Color Over Print].



8. Click [Quality] icon.

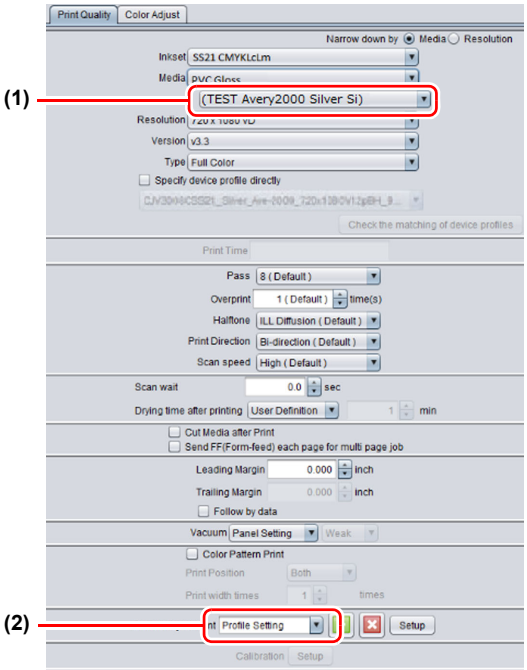
9. In [Print Quality] panel, set the printing condition.

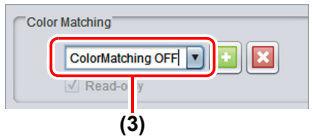
(1) Select a metallic color profile for the media to be used or of the same material as the media to be used.

> **Important!**
> • Metallic color profile will have a [Si] to the end of the media name.

(2) In [Device Adjustment], select “Profile Setting”.

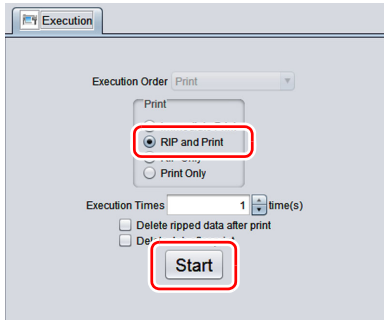
(3) Select the “ColorMatching OFF” in the preset of [Color Matching].





10. Click [Execution] icon.

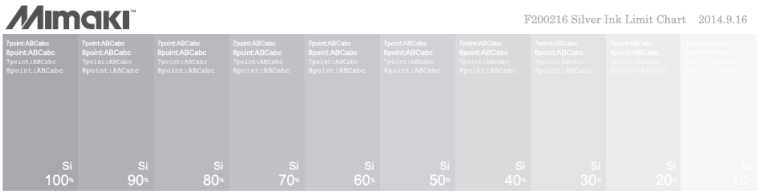
11. In [Execution] panel, select “RIP and Print”, and then click Start button.

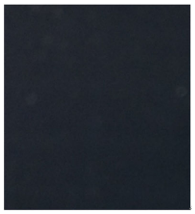


12. Check the image quality of printed silver monochromatic color swatches.

How to check the quality of the silver ink

- The patch of silver monochromatic color swatches, of which color concentration is 100% and does not occur the bleeding, banding and blurring, and form a uniform print surface can match the printing conditions of the media to be used.
  Please use this as a color swatch of silver.
  If the image quality of 100% of the patch is bad, please proceed to Step 13.



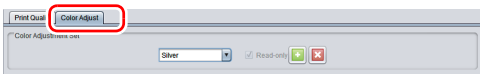
Example of good image quality	Example of poor image quality		
			
	Bleeding	Roughness	Banding

Bleeding :Many ink amount, or it becomes whitish full of ink at the edge of the patch.
Roughness :Ink amount is insufficient, such as hoarse roughness occurs.
Banding : Ink is insufficient, stripes occurs in scan direction.

13. Click [Quality] icon.

14. Click [Color Adjust] tab.

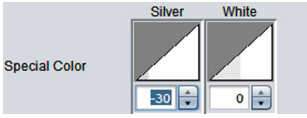
- Create a new [Color Adjustment Set].



15. Adjust the concentration of silver ink.

Method of adjustment the concentration of silver ink

- If the bleeding at 100% of the patch in step 9 has occurred, see a patch of silver monochromatic color swatches, and look for the concentration that image quality is good.
  Reduce the silver ink concentration to match the concentration of the patch.
  Example) A good image quality at 70% → setting value : -30%



- The roughness and banding at 100% of the patch in step 9 have occurred, increase the concentration of Silver ink.

  Example) setting value: + 10% (the silver ink amount can be changed between -50% ~ + 50%).

16. Go back to Step 10, to print again.

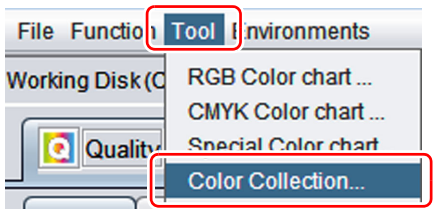
- If the adjustment of the concentration of silver ink not improve image quality in step15, select a metallic color profile for another media, then try again from step 9.

Print a color swatch of metallic color

You can print a color swatch of metallic color swatch which can be used in Adobe Illustrator.
You can check the settings of the print to overlay the color ink in silver ink.
Here, explain the procedure to print a two-layer print.

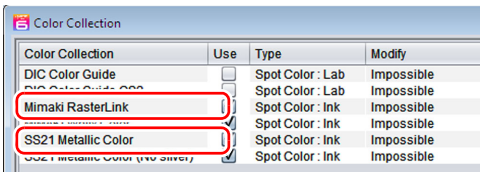
1. Check the setting of Color Collection.

- Choose [Color Collection ...] from [Tool] menu.



2. Make sure that the use columns of "SS21 Metallic Color" and "MIMAKI RasterLink" are checked.

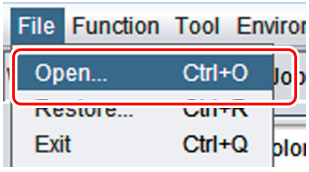
- Put a check if the use columns are not checked.



- Check “SS21 Metallic Orange Color” as well when using orange ink.

3. Read the PDF of metallic color collection.

- Choose [Open] from [File] menu.



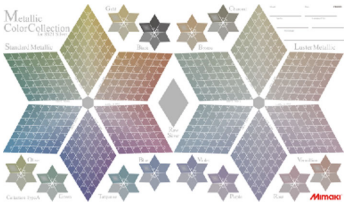
4. Select one of the following five types in the folder of the image, and click the Open button.

- RasterLink6Plus C:\MijSuite\ColorChart\Default
- RasterLink7,RasterLink8 C:\MijCtrl\ColorChart\Default

(1) Metallic Color Collection A.pdf
(2) Metallic Color Collection B_1.pdf
Metallic Color Collection B_2.pdf
Metallic Color Collection B_3.pdf
(3) MetallicColorCollectionB_OrInkEdition.pdf
(4) Metallic Color Collection C.pdf
(5) MetallicColorCollectionC_OrInkEdition.pdf

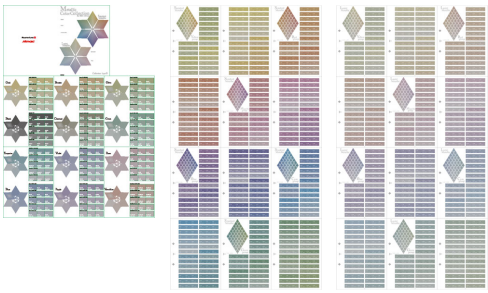
This is a pattern covering all SS21 metallic color library.

(1) Metallic Color Collection A



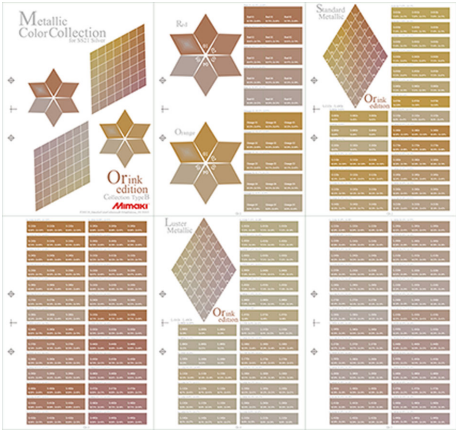
Can confirm the finish of metallic color.

(2) Metallic Color Collection B_1
Metallic Color Collection B_2
Metallic Color Collection B_3



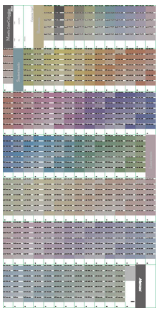
Can be used as a seal-shaped sample.
The concentration of CMYK each color is also described.
When you create a booklet, cut after the lamination process.
Can cut to be on A4-size booklet.

(3) MetallicColorCollectionB_OrInkEdition



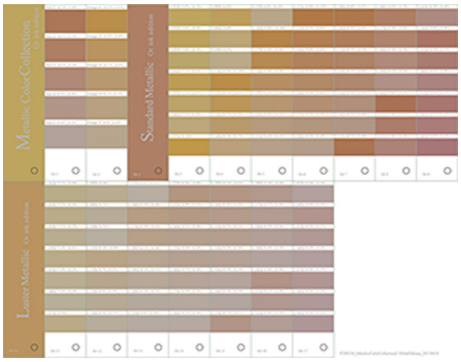
Can be used as a seal-shaped sample as with the color chart in (2).
Use orange ink to print.

(4) Metallic Color Collection C



Can be used as a color swatch in the small bundles.
The concentration of CMYK each color is also described.
When you create a booklet, cut after the lamination process.

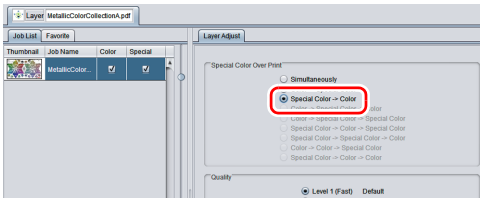
(5) MetallicColorCollectionC_OrInkEdition



Can be set in small bundles and used as a color swatch as with the color chart in (4).
Use orange ink to print.

5. Click [Layer] icon.

6. In [Layer Adjust] panel, select the "Special Color → Color" for [Special Color Over Print].



7. Click [Quality] icon.

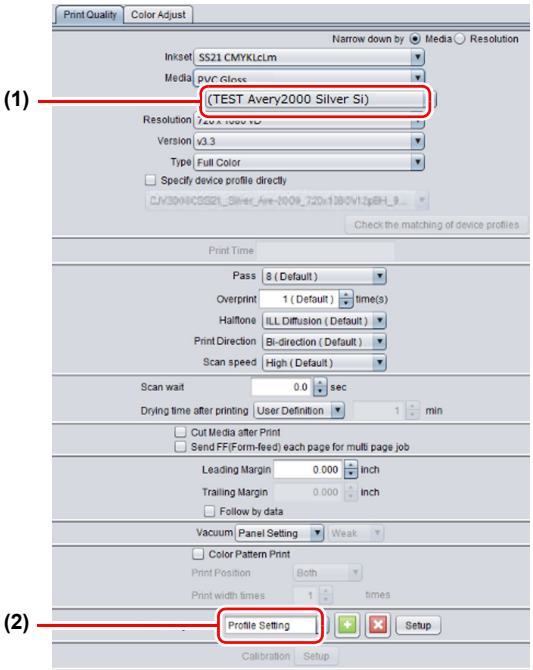
8. In [Print Quality] panel, set the printing condition.

(1) Choose a metallic color profile.

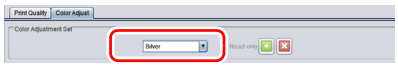
> **Important!**
> • Metallic color profile will have a [Si] to the end of the media name.

(2) In [Device Adjustment], select "Profile Setting".

(3) Select the "ColorMatching OFF" in the preset of [Color Matching].



> • If the density adjustment of silver ink is needed, specify the [Color Adjustment



> • When you print by adding a print information label, you can check the date and print conditions printed with metallic color collection.
> In [Information label] screen, when check "Add Label", the print information label can be added to the print.

9. Click [Execution] icon.

10. Select [Execution] in the tab "RIP and Print", and then click the Start button.

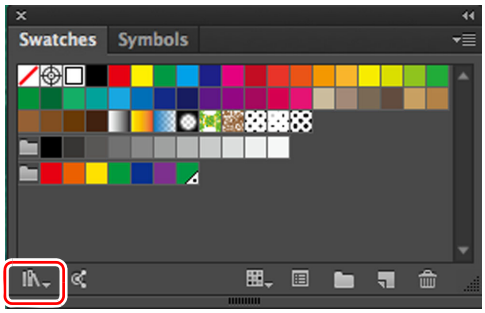
Preparation for the application

■ Open a Swatch Library in the application

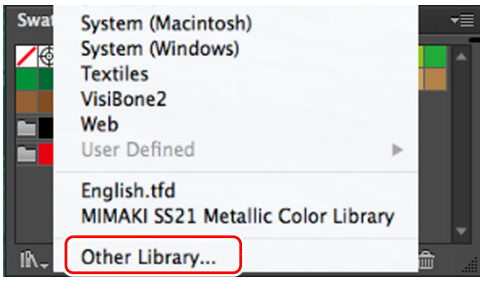
Make the Swatch that was printed in the color swatch of metallic color be used in applications.

In the case of Adobe Illustrator

1. Click the [Swatch Library Menu] button in the Swatches panel (window).



2. Click “Other Library...” menu.



3. Select a swatch file in the following folder.

- **Folder location**
  - RasterLink6 C:\MijSuite\Swatch\Illustrator
  - RasterLink7,RasterLink8 C:\MijCtrl\Swatch\Illustrator
- **Swatch files**
  - MIMAKI SS21 Metallic Color Library.ai
  - MIMAKI RasterLink Library.ai
  - MIMAKI SS21 Metallic Orange Color Library.ai

■ Install the RasterLinkTools

For information about how to install RasterLinkTools, please refer to the separate “RasterLink installation guide”.

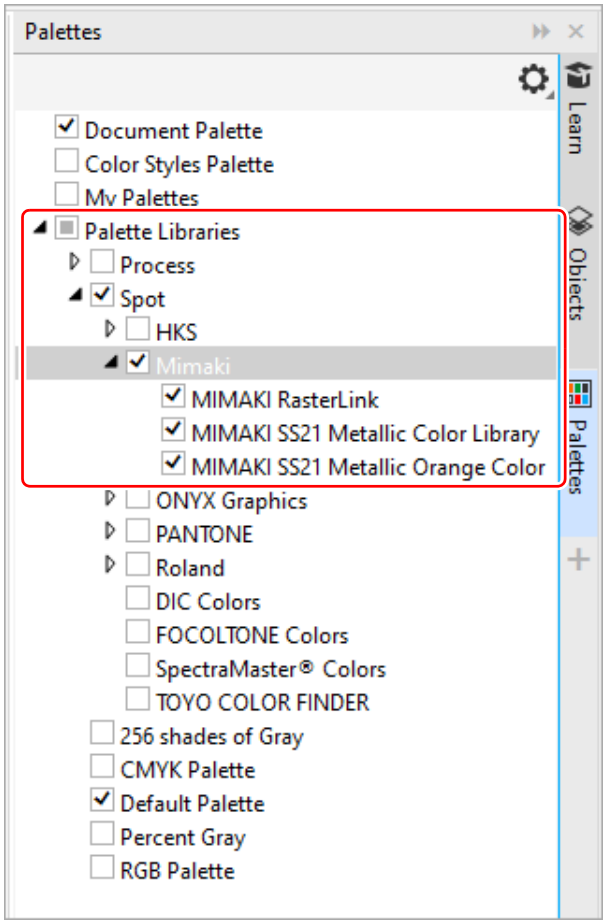
When CorelDRAW is used

If RasterLinkTools has been installed, select the pallet on CorelDRAW.

Select Menu [Window] - [Color Palettes] - [Palettes] and check the following items from the Palettes list displayed in the Docker.

In [Palette Libraries] - [Spot] - [Mimaki]

- MIMAKI RaterLink
- MIMAKI SS21 Metallic Color Library
- MIMAKI SS21 Metallic Orange Color



■ Choose the color collection

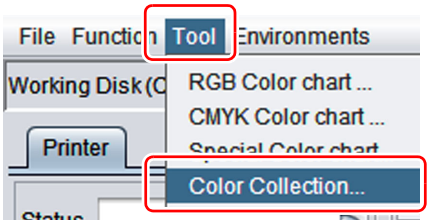
Before read the job to RasterLink, select the metallic color collection that were in the way of printing a metallic color.

> **Important!**
> - If you change the setting of color correction, it will not be reflected in the color replacement of existing jobs.
> If you want to apply a different color collection, re-create the job again.

In the case of 2-layer printed

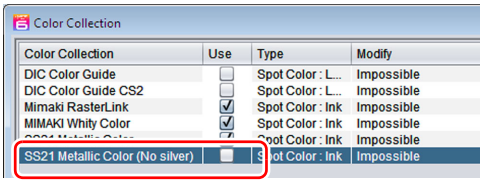
1. Select the [Color Collection ...] from [Tool] menu of RasterLink.

- Use "SS21 Metallic Color" including the silver ink to the output.



2. Remove the check from the use of column "SS21 Metallic Color (No Silver)".

> - Also deselect “SS21 Metallic Orange Color(No Silver)” from the Use column when using orange ink.

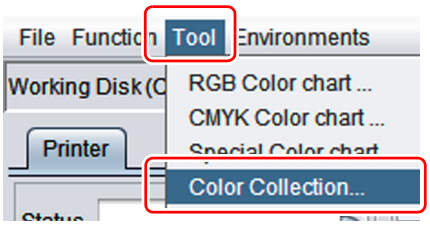


3. Click [Close] button.

In the case of Pull-back printing

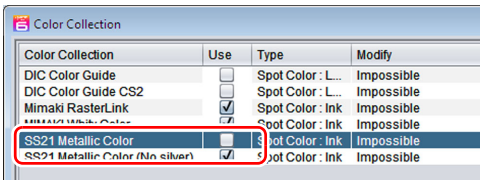
Use the "SS21 Metallic Color" of which concentration of Silver ink is 0 to output.

1. Select the [Color Collection ...] from [Tool] menu of RasterLink.



2. Remove the check from the use of column "SS21 Metallic Color".

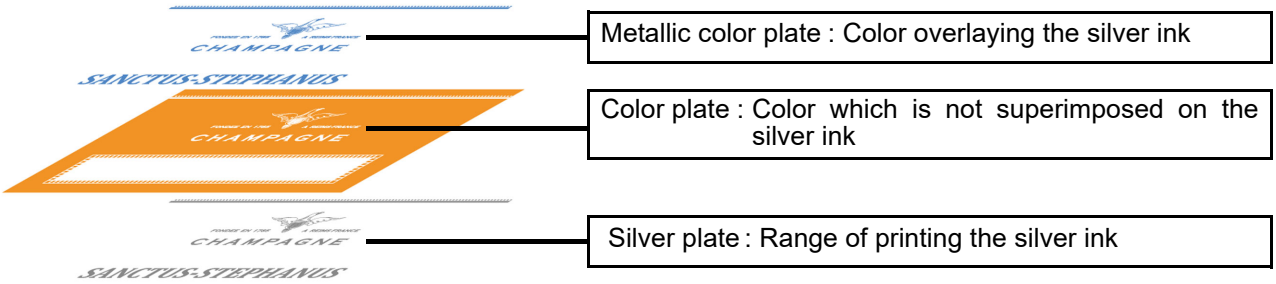
> - Also deselect “SS21 Metallic Orange Color” from the Use column when using orange ink.



3. Click [Close] button.

How to print metallic color

When you print the SS21 Silver ink in RasterLink by using the following three plates, there are two printing methods.



1. 2-Layer printing

(1) Metallic color plate, color plate, and a silver plate printing at once.

2. Pull-back printing

(1) Printing color plate and a silver plate for the first time.

(2) Pull back the media.

(3) Print a metallic color plate for the second time.

Advantages and disadvantages comparison table of the two-layer printed and pulled back print

	2-Layer printing	Pull-back printing
Merit	Color plate, Silver plate, and metallic color plate can be printed without deviation.	Improve the metallic tone more than 2-layer print.
Disadvantage	In the high part concentration of ink, metallic tone will be reduced.	Depending on the conditions, there is a case that color plate, silver plate, and metallic color plate are printed displaced. *1
Limit of print range	None	Yes *1
Speed	Equivalent to the Pull-back printing	Equivalent to 2-layer printing

*1.Please refer to "Notes on Auto pull-back print" on the next page for more information.

Notes of Auto pull-back print

1. Prevent the displacement of image

In Pull-back printing, the image may be displaced in the first time and the second time of print. Please note the following points.

1.1 Pinch roller position and number

Recommended conditions

- Media width is equal to or greater than 1000mm
  As to be symmetrical with respect to the center of the media, more than four places.
- Media width is less than 1000mm
  As to be symmetrical with respect to the center of the media, more than two places.

Set the roller pressure to "H" in any case.

If the roller number is less than above setting, it may cause the first and second image shifted.

1.2 Sheet feed

When the first time and the second time of print media of different tension, it will cause the image to be shifted.
By loosening the media that was set before print manually, the displacement of the image can be reduced..

2. Size of image and limit of arrangement

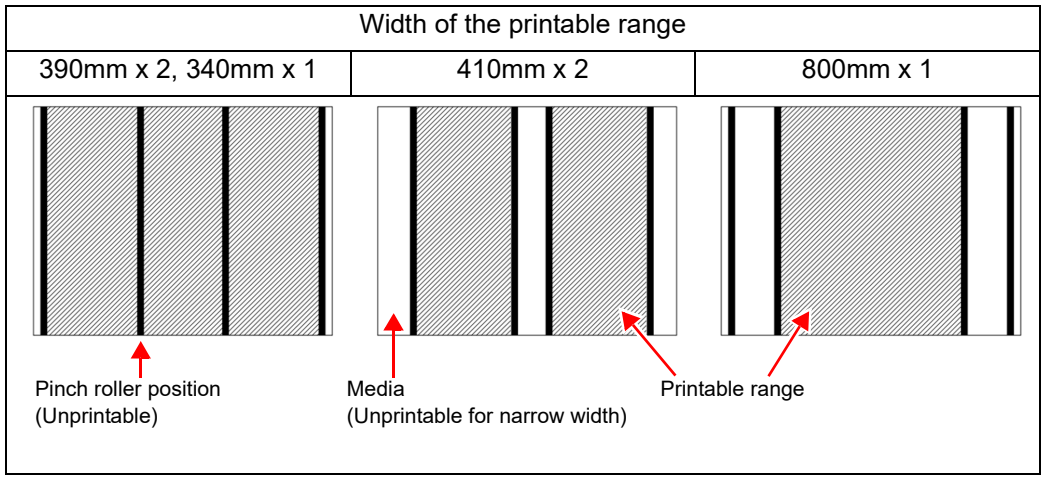
Due to the pinch rollers and machinery on the structure, in the Pull-back printing there is a limit to the size of the image that can be printed.

2.1 Width direction

With respect to the set the pinch roller, avoid the image to ride on the track of the roller.
When the pinch roller passes over the printed image, it will cause the roller trace is attached.

Important!

- Printable range example of 1300mm media width:



2.2 Feed direction

The maximum length of the print data is **1000mm**.
If it is too long, the printing surface contacts with the floor and there is a risk of quality deterioration such as dirt and rubbing.

3. About the quality of the image

Pull-back printing compared to the two-layer print can be used to improve the metallic tone by a longer drying time of the silver plate, but quality vary by printing length.

- Printing length is 500mm or less
  Set the print after the waiting time of about 5 to 15 minutes and you will be able to obtain a constant quality. (On the panel of the machine, dry time → print end, set 300 ~ 900s.)
- Print length is longer than 500mm
  Not need to set the print after the waiting time

Let's printing using Silver

Here, by taking a concrete example, describes the flow from the creation of the data up to print.

2-Layer printing			Reference page
Print the part of the illustration in Metallic color		Want to print a character in the color of the color swatches of metallic color.	P.16
Print a part of the photograph in metallic color		Want to print a sunflower in a metallic color.	P.19
Print a pattern of Silver		Want to print a silver polka dots on black solid parts.	P.24

Print a part of the illustrations in metallic color

This section describes this procedure from data creation to printing using the steps required to print the character text of the illustration below in metallic color as an example.
By taking advantage of the swatch library of the metallic color, you can easily print the metallic color.

Important!
- Please create always a data in CMYK mode.

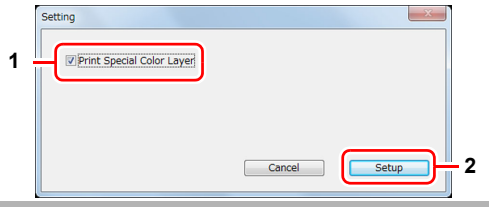
1. Create metallic color plate and color plate.

(1) Select a character on the application.

(2) Specify any color from the MIMAKI SS21 Metallic Color Library.

(3) Click [Setting] of RasterLinkTools.

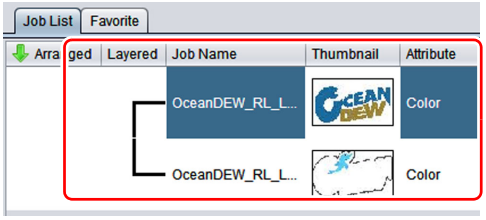
(4) Setting screen is displayed.
1 Check [Print Special Color Layer]
2 Click [Setup] button.



(5) Click [Output to RasterLink] button of RasterLinkTools to save the hot folder of RasterLink.

重要!
In the following cases, jobs for color and special color will not be created correctly.
- When the data contains clipped elements
  Please refer to P.36 「When printing a design that includes clipped data」.

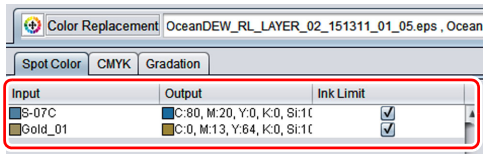
(6) The color plate and metallic color plate of the data output to RL in step 1-(5) will be shown on the RasterLink job list screen.



> **Important!**
> - When doing so a composite image of color plate and metallic color plate will be formed automatically.

(7) Click [Color Replacement] icon.

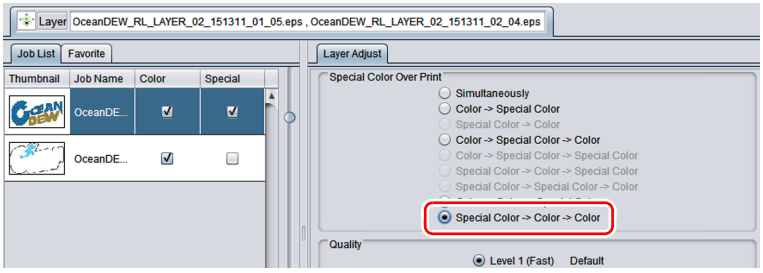
(8) In [Color Replacement] panel, confirm the spot color name that you specified in step 1-(2) exists in the list in [Spot color] tab.



2. Printing.

(1) Click [Layer] icon.

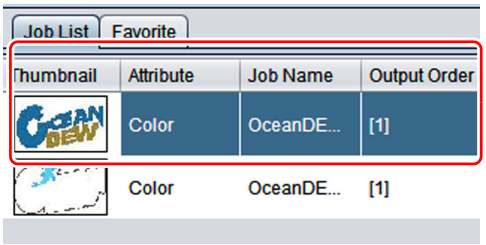
(2) In [Layer Adjust] panel, select "Special Color → Color → Color" to [Special Color Over Print].



> - Here you do not need to set the [Quality].
> When change the profile in step 2-(5), it will be the default setting of quality.

(3) Click [Quality] icon.

(4) Choose the job of metallic color plate in [Job List] panel of [Quality] panel.



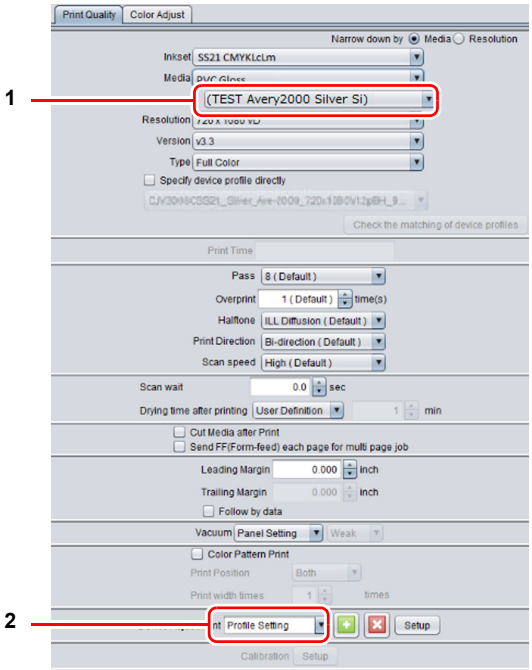
(5) Choose the job of metallic color plate in [Job List] panel of [Quality] panel.

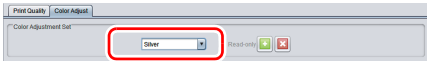
1 Choose a metallic color profile.

> **Important!**
> - Metallic color profile will have a [Si] to the end of the media name.

2 In [Device Adjustment], select “Profile Setting”.

3 Select the "ColorMatching OFF" in the preset of [Color Matching].



> - If the density adjustment of silver ink is needed, specify the [Color Adjustment Set].
>
> 
>

(6) Choose the job of color plate in [Job List] panel of [Quality] panel.

(7) Set printing conditions with Print Quality tab.

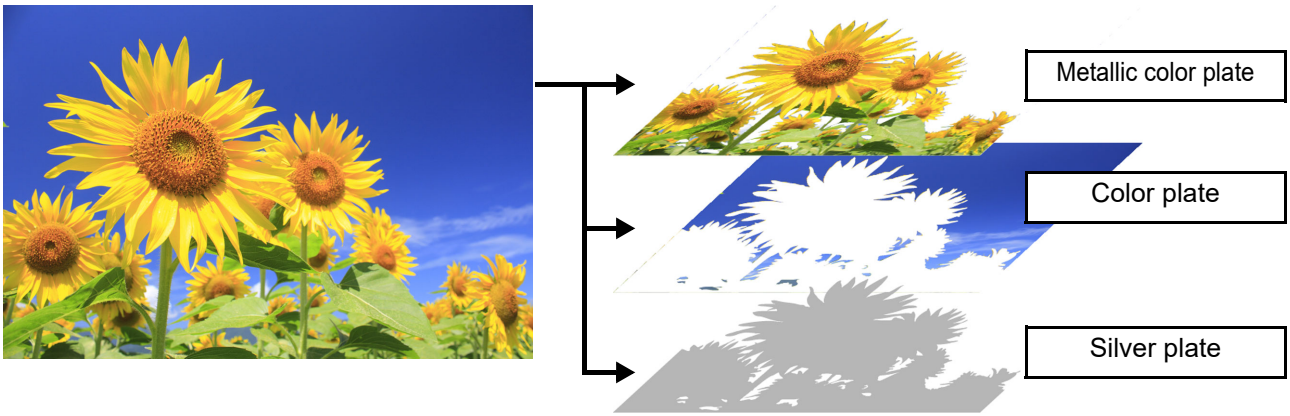
> **Important!**
> - Please do not select the metallic color profile.
> - Be sure to select the same resolution profile of the metallic color plate of the profile.

(8) Click [Execution] icon.

- Click **Start** button.

To print the part of the photo in metallic color

Here, create three data of the metallic color plate overlaying the silver ink, color is not superimposed on the silver ink plate and the Silver plate.
You can print the metallic color regardless the Image (raster) data or illustrations (vector) data.



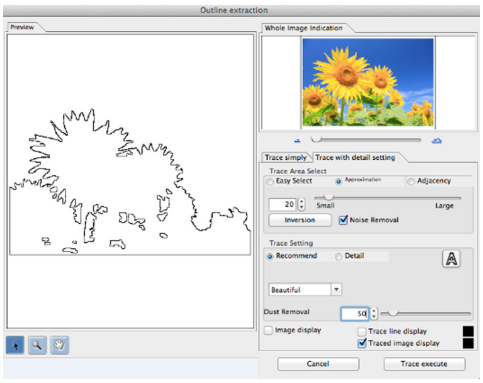
1. Specify the range to print the silver ink.

- Here, explain how to create a path using the RasterLinkTools.

(1) Select the image on the application, and click [Outline Extraction] button of RasterLinkTools .

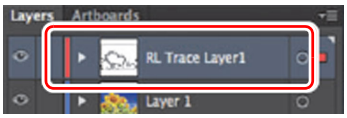
(2) Click **Trace execute** button.

- Adjust to make the range that you want to print the silver ink traceable.



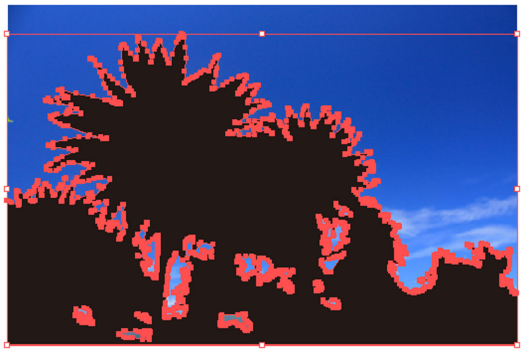
> - For the contour extraction function of RasterLinkTools, refer to the separate "RasterLink Reference Guide".

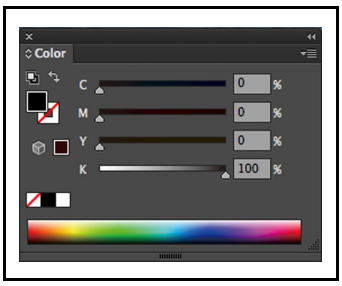
(3) Make sure that the layer of contour path (RL Trace Layer1) is finished.



2. Create a Silver plate.

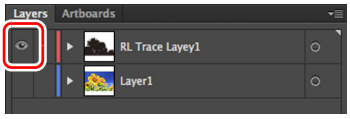
(1) Set the fill color of RL Trace Layer1 that was created in step 1 to "Black", and the stroke color to "no fill".





- Print the silver ink to the location of the "Black" of fill color.
  Please correct the path if the place you do not want to print the silver ink is in black.

(2) Display only the outline path layer.



- Click for the layer that you want to hide.

(3) Click [Output to RasterLink] button of RasterLinkTools to save the hot folder.

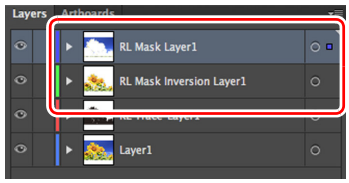
- If you want to save to the hot folder, put the name of each plate in the file name for easy understanding.

3. Create a metallic color plate and color plate.

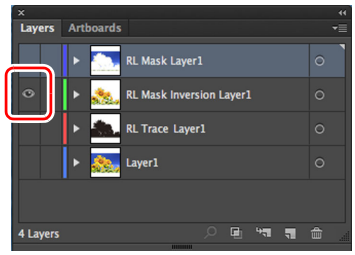
(1) Select the image and the layer (RL Trace Layer 1) of the silver plate.

(2) Click [die-cut] of RasterLinkTools.

- Layer of the Metallic color plate (RLMask Inversion Layer 1) and the layer of the color plate (RL Mask Layer1) will appear.

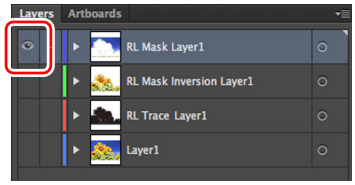


(3) Set to display only metallic color plate.



(4) Click [Output to RasterLink] button of RasterLinkTools to save the hot folder.

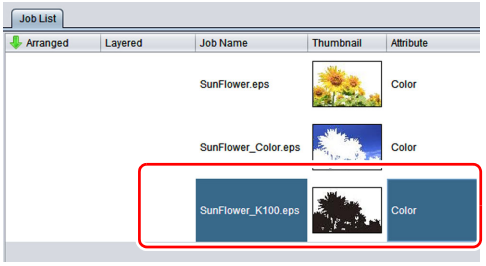
(5) Set to display only color plate.



(6) Click [Output to RasterLink] button of RasterLinkTools to save the hot folder.

4. Print by synthesized in RasterLink.

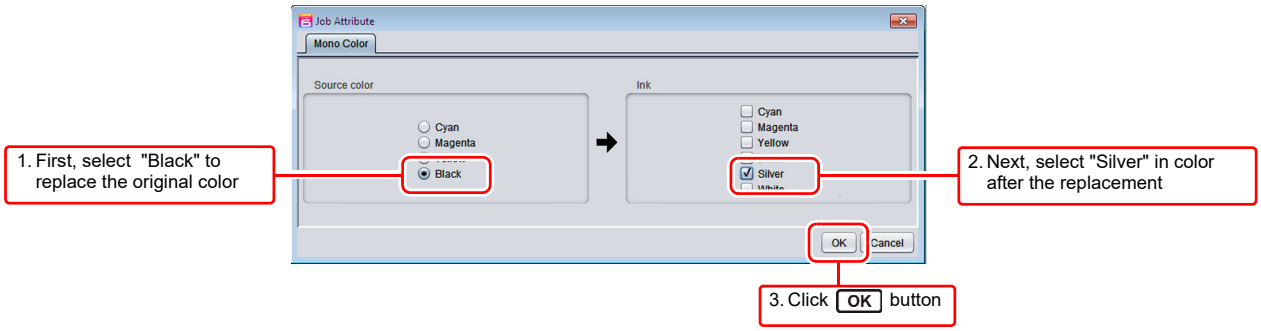
(1) Select Silver plate job from the [Job List] panel.



(2) In [Properties] panel, change [Job Attribute] to "Mono Color".

- Display [Job Attribute] dialog box.

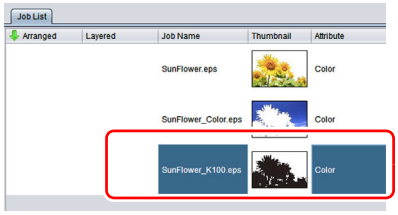
(3) In [Job Attribute] dialog box, set to print in silver ink monochromatic.



Important!

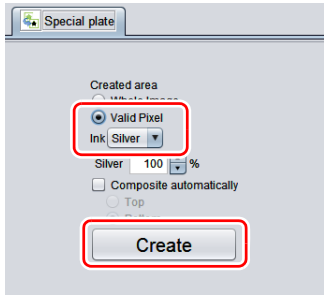
If you have created the data in RGB mode, you can not replace monochromatic color.
Please create a silver plate with the following procedure.

(1) From [Job List] tab, select the job for Silver plate.

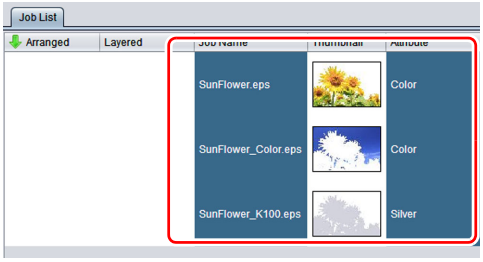


(2) Click [Special plate] icon.

(3) Select "Valid Pixel" in [Created area] " and "Silver" in [Ink], and click the Create button.
- The job of Silver plate is created.

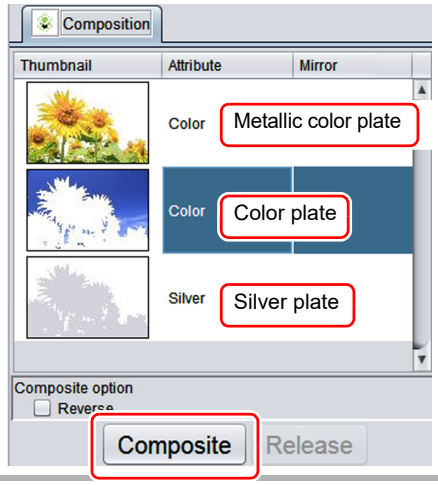


(4) From [Job List] panel, select 3 jobs, Silver plate, metallic color plate, and color plate.



(5) Click [Composition] icon.

(6) In [Composition] panel, the order of the job from the bottom with the Silver plate → color plate → metallic color plate, then click Composite button.

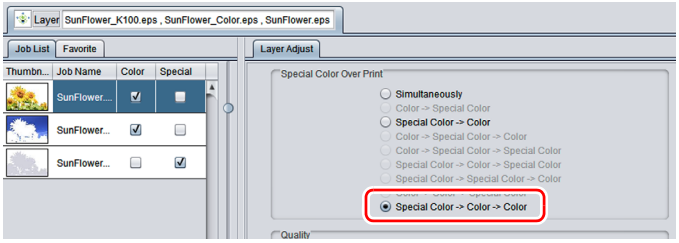


Important!

- **Conditions that can not be synthesized**
  - If you have set the number of copies to two or more
  - Split Print
  - Step-and-repeat
  - If the set of the selected job and resolution is different
  - Multiple page job
  - If you have selected more than one cut jobs
- **If you can not set a separate profile printing conditions, synthesize according to the conditions of one of the job.**

(7) Click [Layer] icon.

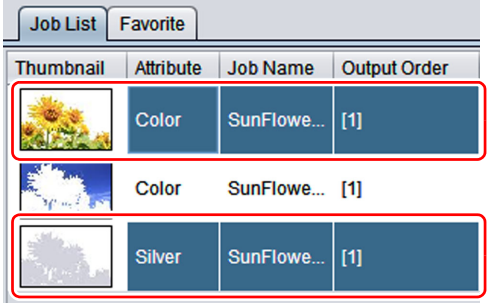
(8) In [Layer Adjust] panel, select "Special Color → Color → Color" to [Special Color Over Print].



- Here you do not need to set the [Quality].
  When change the profile in step 4-(11), it will be the default setting of quality.

(9) Click [Quality] icon.

(10) Choose the job of metallic color plate and silver plate in [job list] panel of [Quality] panel.



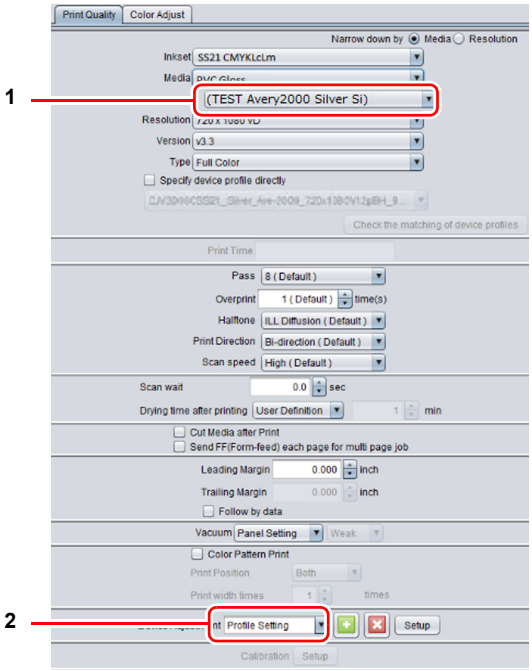
(11) Set printing conditions with Print Quality tab.

1 Choose a metallic color profile.

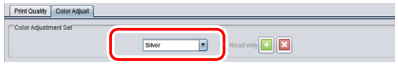
- Metallic color profile will have a [Si] to the end of the media name.

2 In [Device Adjustment], specify the "profile settings".

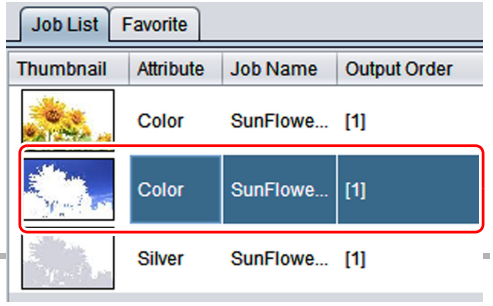
3 Select the "ColorMatching OFF" in the preset of [Color Matching].



- If the density adjustment of silver ink is needed, specify the [Color Adjustment



(12) Choose the job of color plate in [job list] panel of [Quality] panel.



> **Important!**
> - Please do not specify the metallic color profile.
> - Be sure to specify the same resolution profile of the metallic color plate of the profile.

(13) Set printing conditions with Print Quality tab.

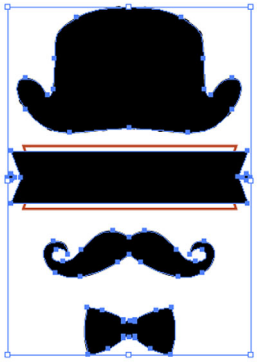
(14) Click [Execution] icon.
- Click **Start** button.

To print the texture of silver

Here, using a swatch pattern of Illustrator, print the pattern of silver.

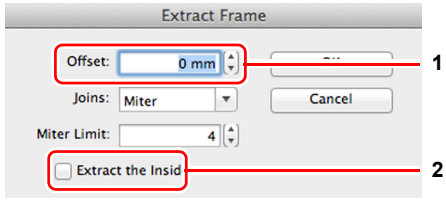
1. Create a silver plate.

(1) Select all the objects that you want to print the texture of Silver.



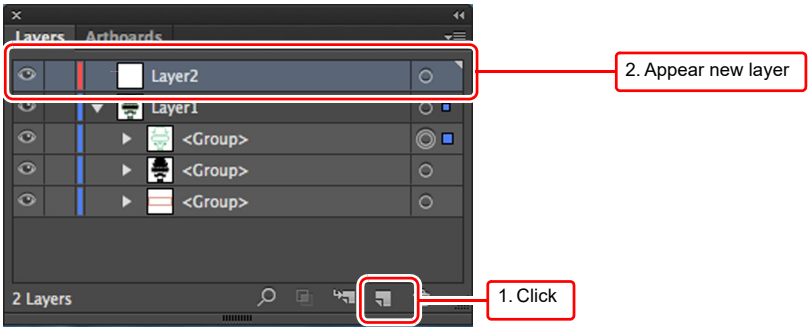
(2) Click [Extract Frame] button of RasterLinkTools.

(3) Perform the following settings, and then click the **OK** button.
1 Set [Offset] to “0mm”.
2 Uncheck [Extract the Inside].

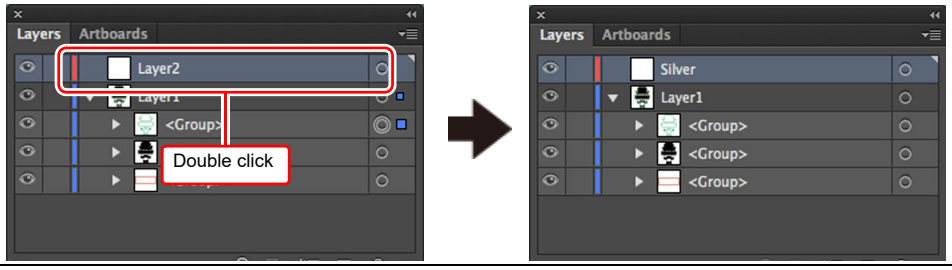


> - For frame extraction function of RasterLinkTools, refer to the separate "RasterLink Reference Guide".

(4) Create a layer of color plate and a silver plate.

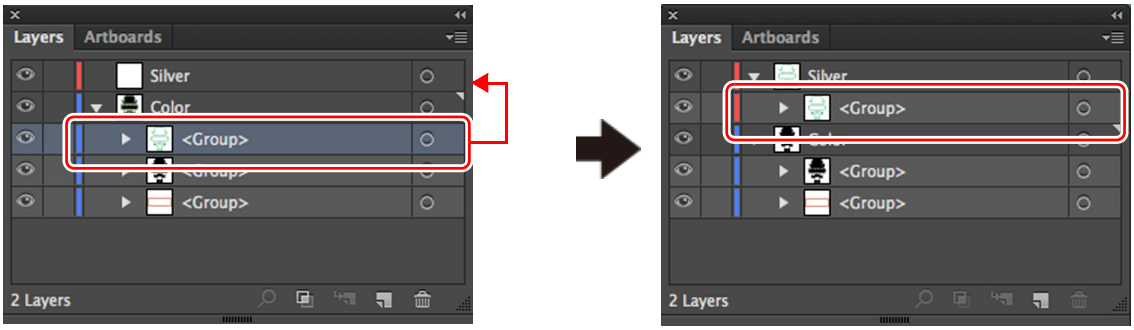


- Select the layer, double-click, then you can change the name of layer.

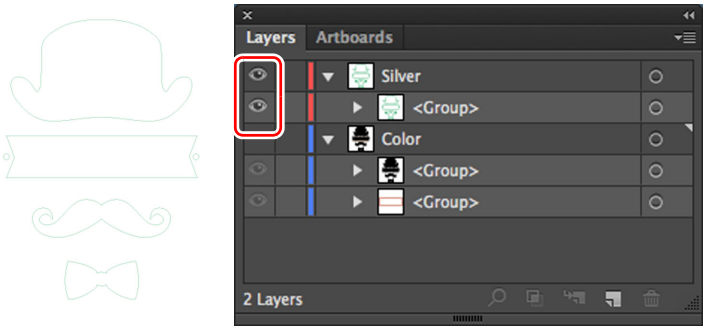


(5) Divide the layer of color plate and a silver plate.

- Move the path that was created in step 1-(3) to the layer for silver plate.

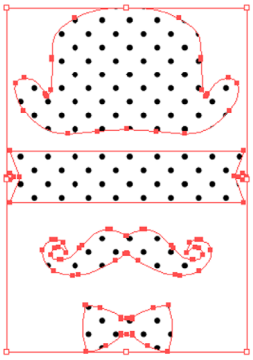


(6) Display only silver plate.



- Click for the layer that you want to hide.

(7) The line of the path that you created in step 1-(3) to "None", and specify a set of fill color to any of the swatch pattern in the swatch library.



- Use monocrome to the swatch pattern.
- Print the silver ink to black place.

(8) Click [Output to RasterLink] button of RasterLinkTools to save the hot folder.

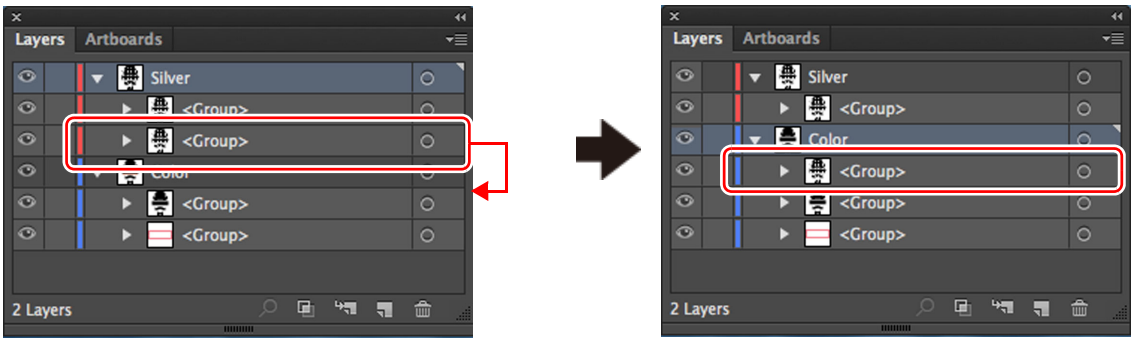
- If you want to save to the hot folder, put the name of each plate in the file name for easy understanding.

2. Create a color plate.

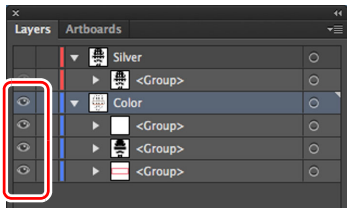
(1) In the Layers screen, duplicate the path for the Silver plate.

(2) Move the path that was duplicated in step 2-(1) to the layer for the color plate

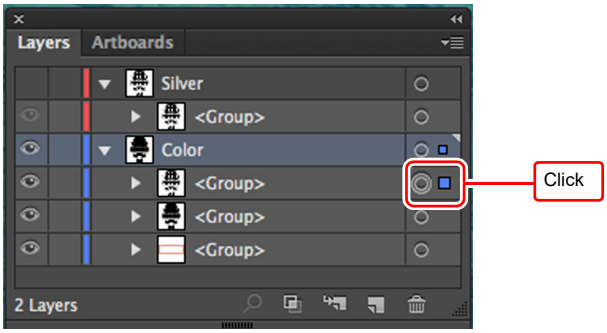
- Move to the top of the object you want to print the pattern of silver.



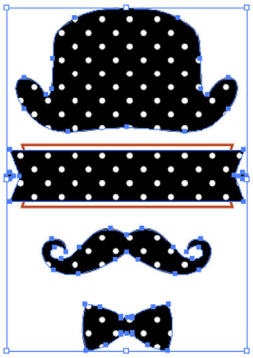
(3) Display only color plate.



(4) Choose the path that was moved in step 2-(2).

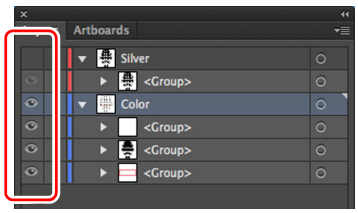


(5) Click the[Edit Colors]-[Invert Colors] from the [Edit] menu.



Important! • Where you want to print the Silver ink, do not print the color ink.

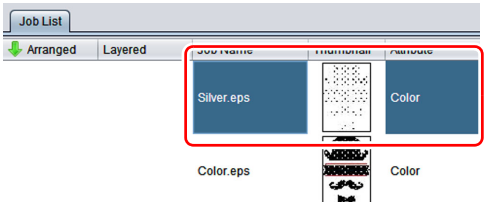
(6) Display only color plate.



(7) Click [Output to RasterLink] button of RasterLinkTools to save the hot folder.

3. Print by synthesized in RasterLink.

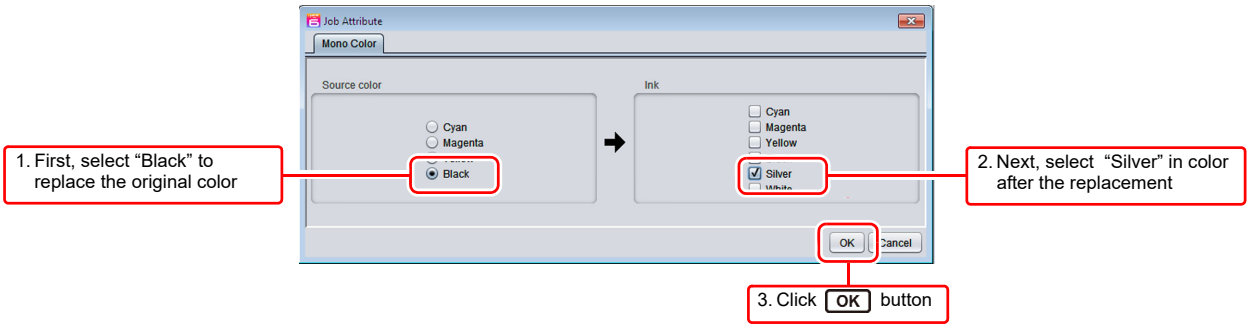
(1) Select Silver plate job that was created in step 1. from [Job List] panel of RasterLink.



(2) In [Properties] pane, change [Job Attribute] to “Mono Color”.

- Display [Job Attribute] dialog box.

(3) In [Job Attribute] dialog box, set to print in sliver ink monochromatic.



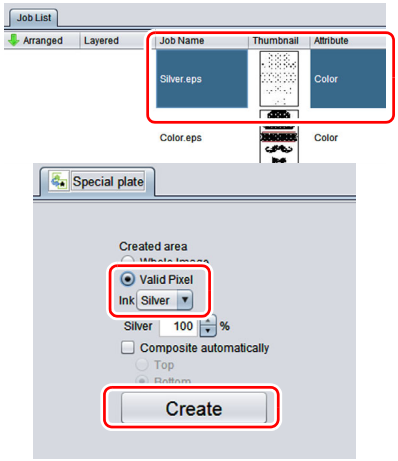
Important!

If you have created the data in RGB mode, you can not replace monochromatic color.
Please create a silver plate with the following procedure.

(1) From [Job List] tab, select the job for Silver plate.

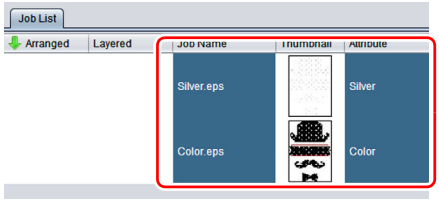
(2) Click [Special plate] icon.

(3) Select "Valid pixel" in [Created area], and "Silver" in [Ink], and click the Create button.
- The job of Silver plate is created.

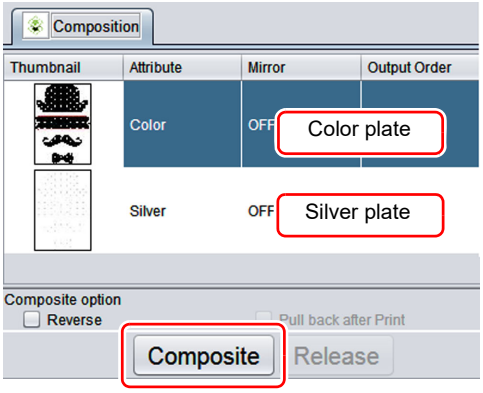


(4) From [Job List] panel, select 2 jobs, Silver plate and color plate.

(5) Click [Composition] icon.



(6) In [Composition] panel, the order of the job from the bottom with the Silver plate → color plate, then click Composite button.

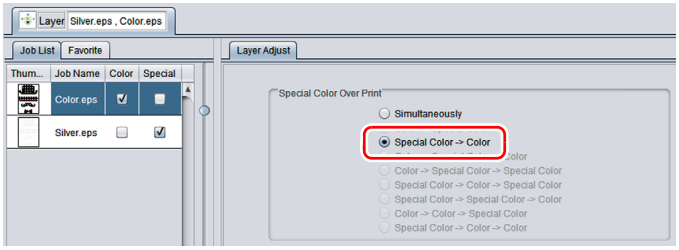


Important!

- **Conditions that can not be synthesized**
  - If you have set the number of copies to two or more
  - Split Print
  - Step-and-repeat
  - If the set of the selected job and resolution is different
  - Multiple page job
  - If you have selected more than one cut jobs
- **If you can not set a separate profile printing conditions, synthesize according to the conditions of one of the job.**

(7) Click [Layer] icon.

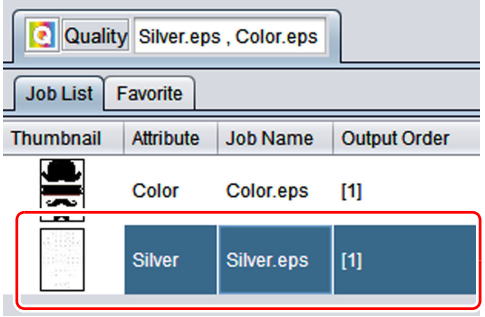
(8) In [Layer Adjust] panel, select "Special Color → Color" to [Special Color Over Print].



- Here you do not need to set the [Quality].
  When change the profile in step 3-(11), it will be the default setting of quality.

(9) Click [Quality] icon.

(10) Choose the job of Silver plate in [job list] panel of [Quality] panel.



(11) Set printing conditions with Print Quality tab.

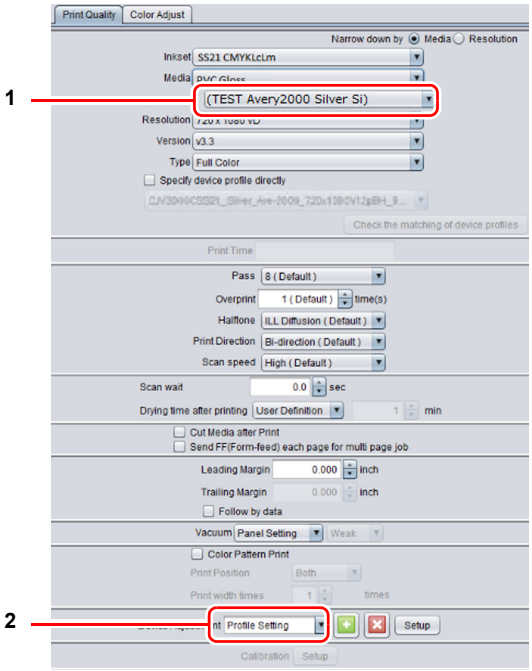
1 Choose a metallic color profile.

Important!

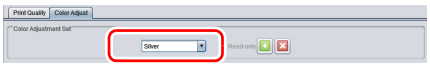
- Metallic color profile will have a [Si] to the end of the media name.

2 In [Device Adjustment], specify the "profile settings".

3 Select the "ColorMatching OFF" in the preset of [Color Matching].



- If the density adjustment of silver ink is needed, specify the [Color Adjustment Set].



(12) Choose the job of color plate in [job list] panel of [Quality] panel.

(13) Set printing conditions with Print Quality tab.

Important!

- Please do not specify the metallic color profile.
- Be sure to specify the same resolution profile of the Silver plate of the profile.

(14) Click [Execution] icon.

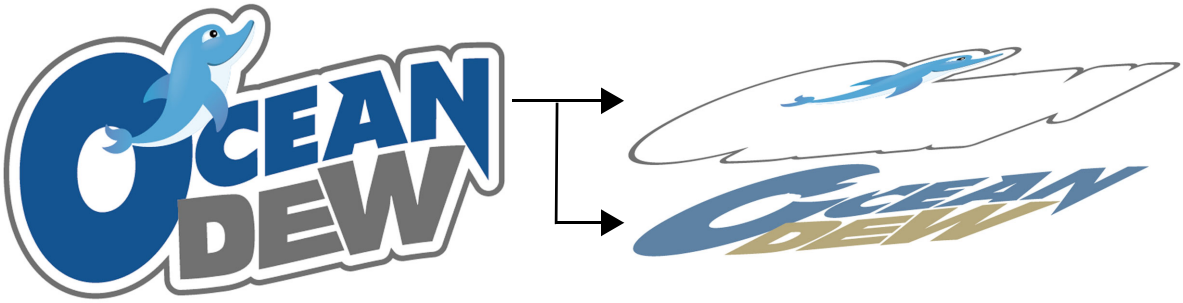
- Click **Start** button.

Pull-back printing

Example of printing		Reference page
Print the part of the illustration in Metallic color	Want to print a character in the color of the color swatches of metallic color.	P.31

Print part of the illustration in Metallic color

This section describes this procedure from data creation to printing using the steps required to set the character text of the illustration below to metallic color and printing it using pull-back printing as an example. By taking advantage of the swatch library of the metallic color, you can easily print the metallic color



Important! • Please create always a data in CMYK mode.

1. Create metallic color plate and color plate.

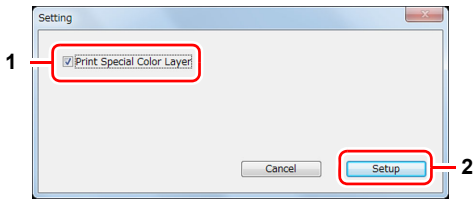
(1) Select a character on the application.

(2) Specify any color from the MIMAKI SS21 Metallic Color Library.

(3) Click [Setting] of RasterLinkTools.

(4) Setting screen is displayed.

1 Check [Print Special Color Layer]
2 Click [Setup] button.



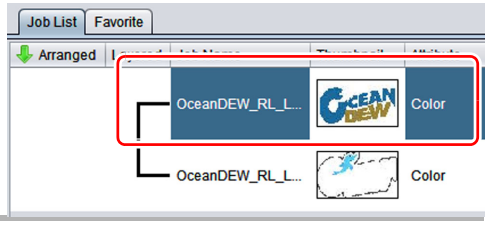
> **Important!**
> In the following cases, jobs for color and special color will not be created correctly.
> • When the data contains clipped elements
> Please refer to P.36 「When printing a design that includes clipped data」.

(5) Click [Output to RasterLink] of RasterLinkTools to save the hot folder of RasterLink.

> **Important!**
> • Check that RasterLink color collection settings have been configured for pull-back printing use before outputting to RasterLink. ⇒ P.12 “Choose the color collection”

(6) The color plate and metallic color plate of the data output to RL in step 1-(5) will be shown on the RasterLink job list screen.

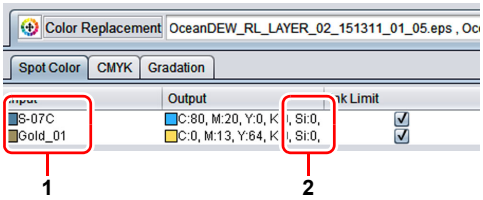
(7) Select the metallic color plate job on the job list screen.



(8) Click [Color Replacement] icon.

(9) Confirm the following two points on the “Color Replacement” screen.

1 Check that the name of the spot color specified in step 1-(2) appears on the spot color list
2 Check that the concentration of the silver being output is set to 0 (Si:0)

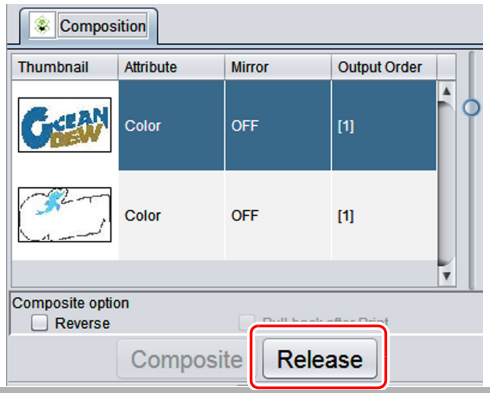


2. Create a Silver plate.

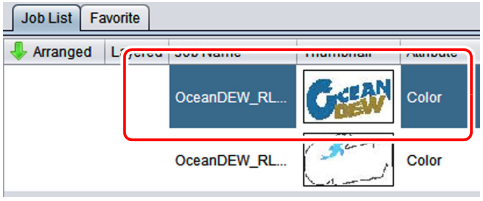
(1) Select a job that was created in step 1-(6).

(2) Click [Special Plate] icon.

(3) Click [Release] button.

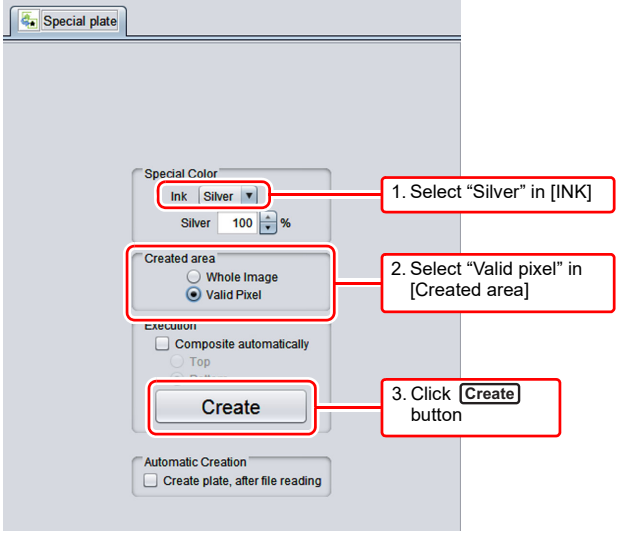


(4) Select the metallic color plate job on the job list screen.



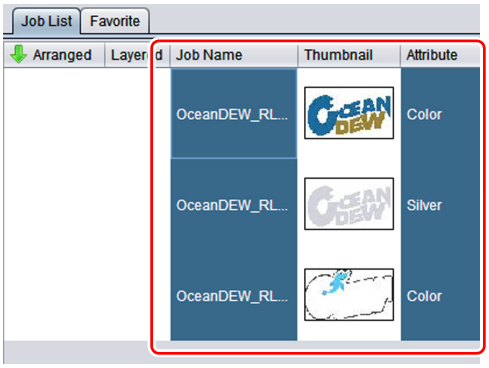
(5) Click [Special plate] icon.

(6) In [Special plate] panel, create Silver plate.



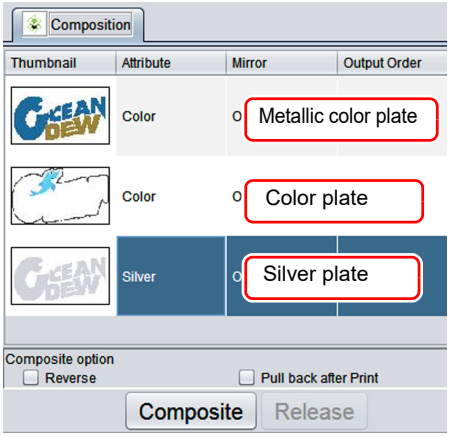
3. Print by synthesized.

(1) From [Job List] panel, select 3 jobs, Silver plate, metallic color plate, and color plate.

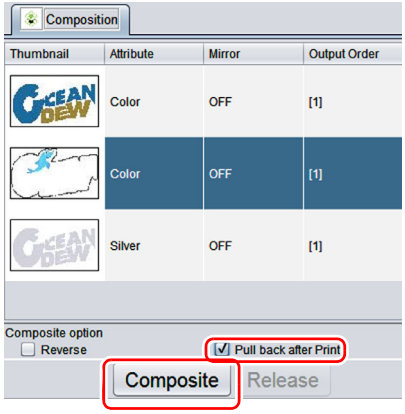


(2) Click [Composition] icon.

(3) In [Composition] panel, arrange the order of the jobs from the bottom of the silver plate → color plate → metallic color plate.



(4) In [Composition] tab, select the color plate, check [Pull back after Print], and click **Composite** button.

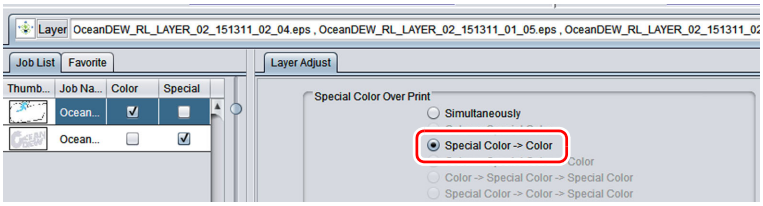


> • Pull back media after printing the job that had a check in [Pull back after Print].

> **Important!**
>
> ● **Conditions that can not be synthesized**
> - If you have set the number of copies to two or more
> - Split Print
> - Step-and-repeat
> - If the set of the selected job and resolution is different
> - Multiple page job
> - If you have selected more than one cut jobs
>
> ● **If you can not set a separate profile printing conditions, synthesize according to the conditions of one of the job.**

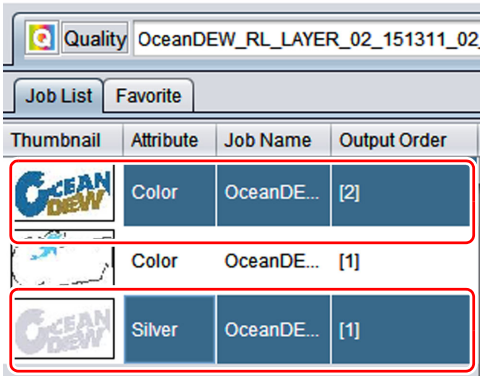
(5) Click [Layer] icon.

(6) In [Layer] tab, select "Special Color → Color" in [Special Color Over Print].



(7) Click [Quality] icon.

(8) Choose the job of Metallic color plate andsilver plate in [job list] panel of [Quality] panel.



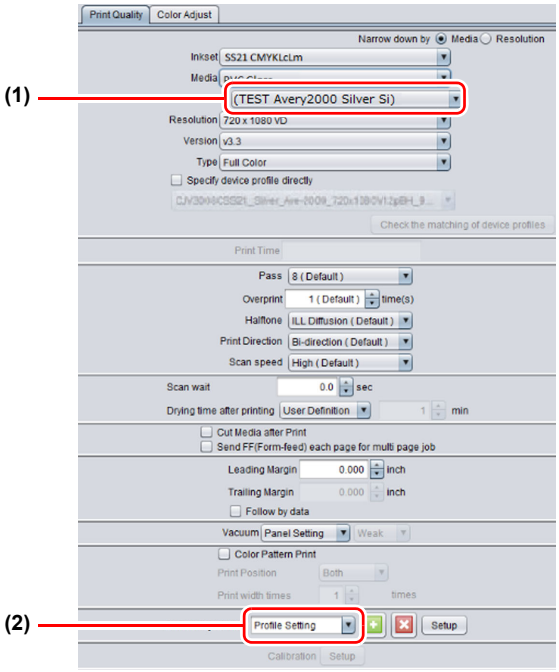
(9) Set printing conditions with Print Quality tab.

1 Choose a metallic color profile.

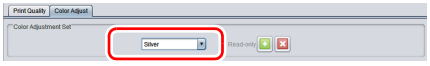
> **Important!**
> - Metallic color profile will have a [Si] to the end of the media name.

2 In [Device Adjustment], specify the "profile settings".

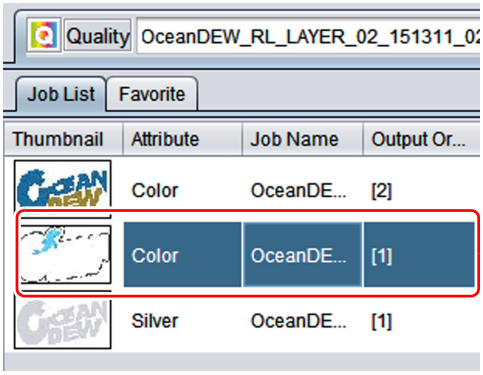
3 Select the "ColorMatching OFF" in the preset of [Color Matching].



> - If the density adjustment of silver ink is needed, specify the [Color Adjustment Set].



(10) Choose the job of Silver plate in [job list] panel of [Quality] panel.



(11) Choose the job of color plate in [job list] panel of [Quality] panel.

- In [Print Quality] panel, choose the same resolution color profile of the metallic color profile.

> **Important!**
> - Please do not specify the metallic color profile.
> - Be sure to specify the same resolution profile of the metallic color plate of the profile.

(12) Click [Execution] icon.

- Click **Start** button.

When printing a design that includes clipped data

1. **Click [Setup] in RasterLinkTools.**

2. **Turn off [Print Special Color Layer].**

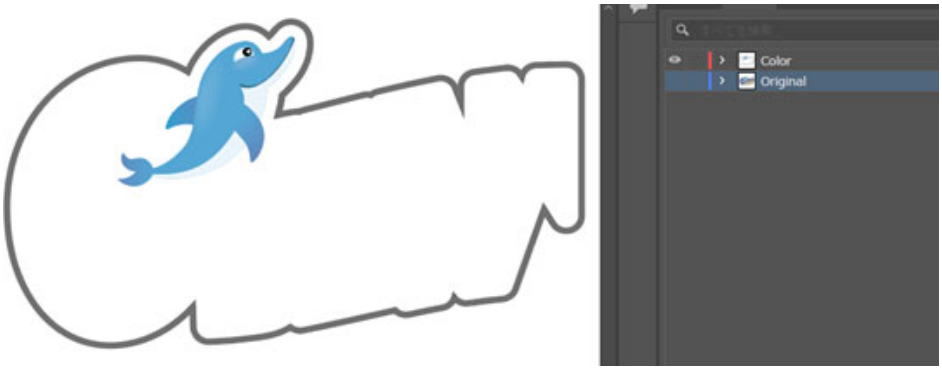
3. **Create and output a design containing only the special colors.**

(1) Set all color areas to CMYK=0.

(2) Click [Output to RasterLink] and save it to the RasterLink hot folder.

4. **Create and output a design containing only the colors.**

(1) Set all special color areas to CMYK=0.



(2) Click [Output to RasterLink] and save it to the RasterLink hot folder.

5. **From here, continue from Step 2, "Create a silver plate."**

Frequently Asked Questions

Answer the frequently asked questions and troubles from customers.

There is no gloss of silver and metallic color

Please check the settings of following items.

Setting item	Settings
Check the settings of the [DRYING TIME] and the [LOGICAL SEEK]	• Follow the page 3 "Printer setting", make sure "DRYING TIM = 0.0s", and "LOGICAL SEEK = OFF".
Check the printing conditions of silver plate and metallic color plate.	• **Profile** Make sure that the metallic color profile including the [Si] in the name of the media has been applied. • **Density adjustment** If you have made a density adjustment of silver ink, make sure that the color adjustment set is applied. • **Color matching** Set the "ColorMatching OFF".

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