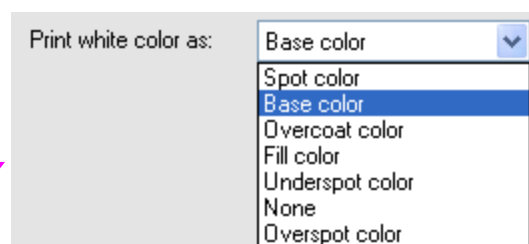
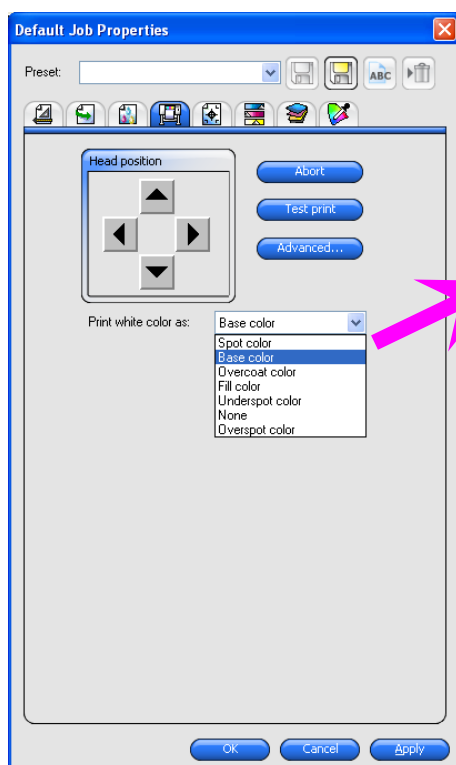


Flora White Mode

General Description:

PP2512UV offers eight major utilizing white ink applications as Base Color, Overcoat Color, Fill Color, Under spot Color, Over spot color, Spot Color, Three layers and Spot Three Layers.

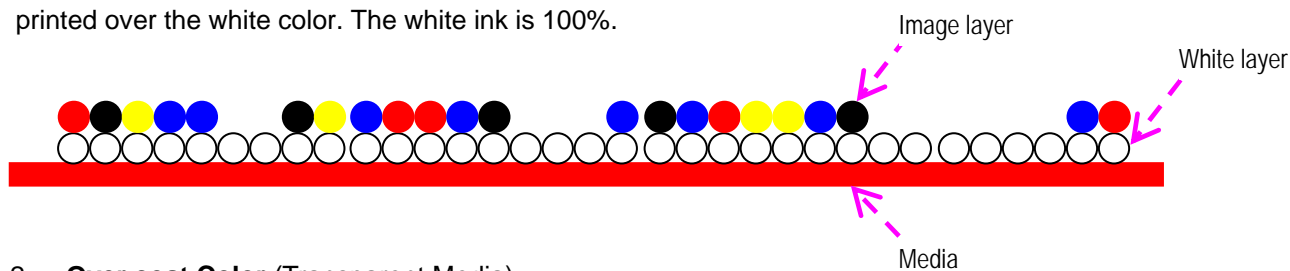
Applying white ink is the most common application for dark or transparent substrates to highlight and present the most vivid of graphic.



Enlarge View

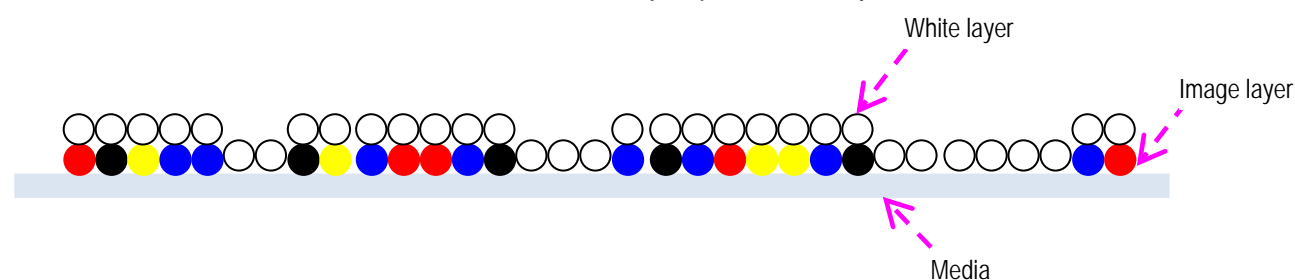
1. **Base Color** (Material with dark background color)

White color is laid down on the media covering the whole image area. CMYK image components are printed over the white color. The white ink is 100%.



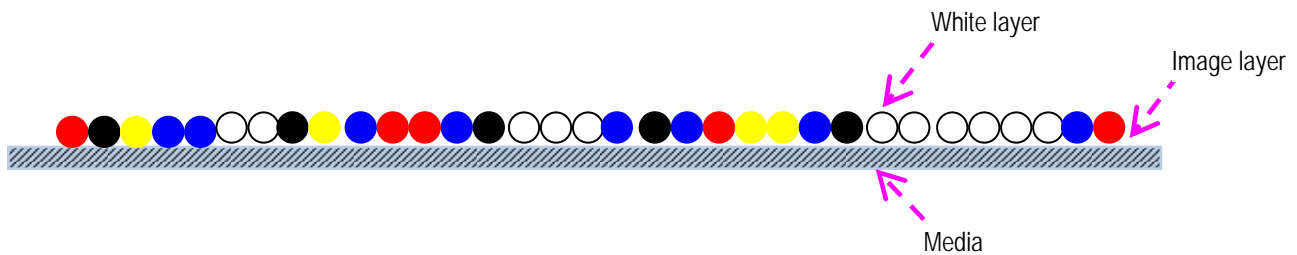
2. **Over coat Color** (Transparent Media)

White color will coat all image area. If the area is cover with CMYK colors then the white is printed over it. If the area has no CMYK colors then the white color is just printed directly on the media. The white ink is 100%.



3. Fill Color

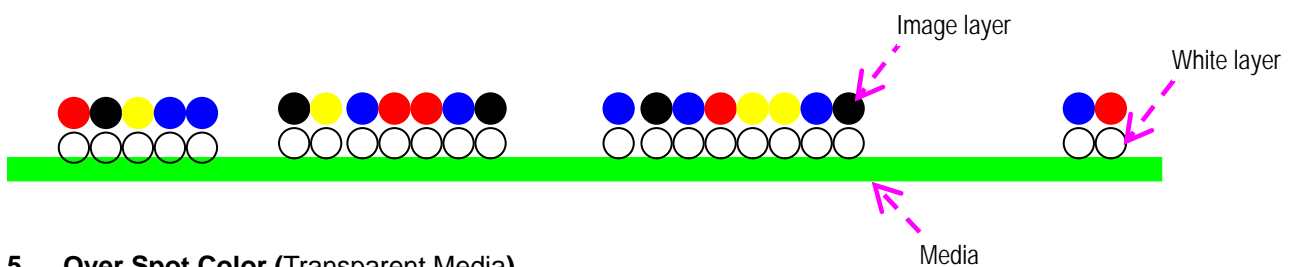
White color will be printed in the area where there are no CMYK components (clear/transparent area of an image). The white ink is 100%.



4. Under Spot Color (Material with dark background color)

Print white under all the CMYK color area or under a designated spot color area.

Note: The printed white ink drop depends on the CMYK ink drop, 10% CMYK will print 10% white under it.

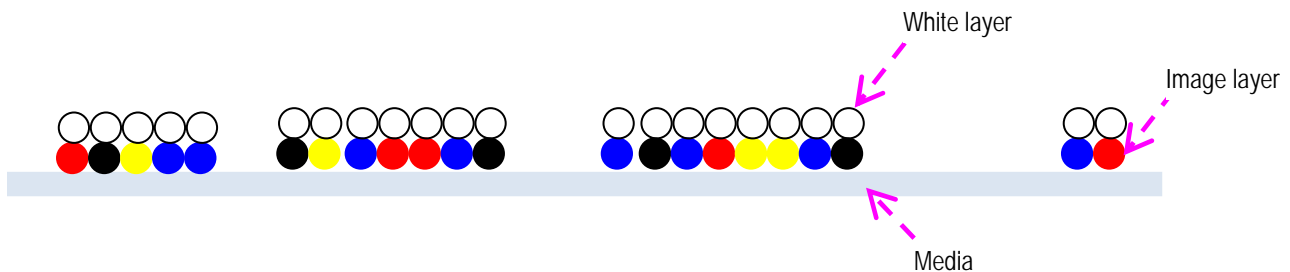


5. Over Spot Color (Transparent Media)

Print white over all the CMYK color area or over a designated spot color area.

Note:

The printed white ink drop depends on the CMYK ink drop, 10% CMYK will print 10% white under it.

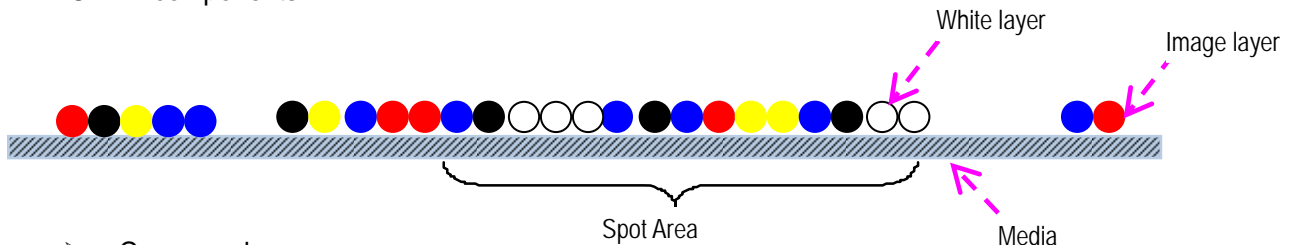


6. Spot color

Spot color is a special white mode, which can help you to print white color any area you want.

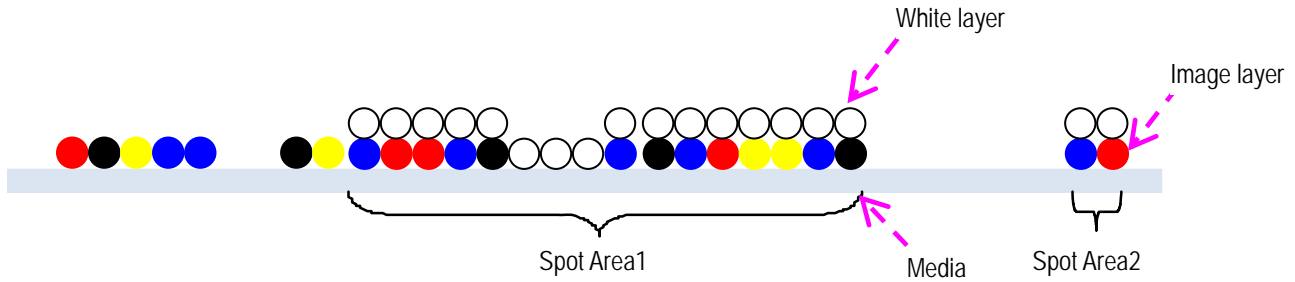
➤ Fill mode

Spot Fill Mode is a special fill mode. White color will be printed in the spot area where there are no CMYK components.



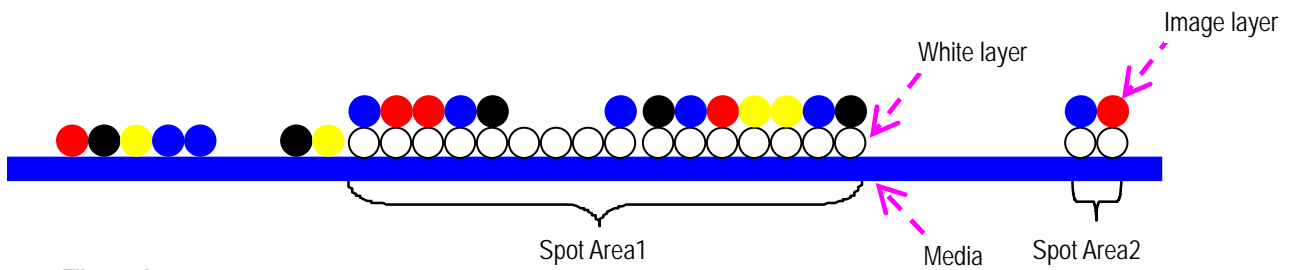
➤ Cover mode

Spot Cover Mode is a special Overcoat mode. White color will coat all spot area.



➤ Under mode

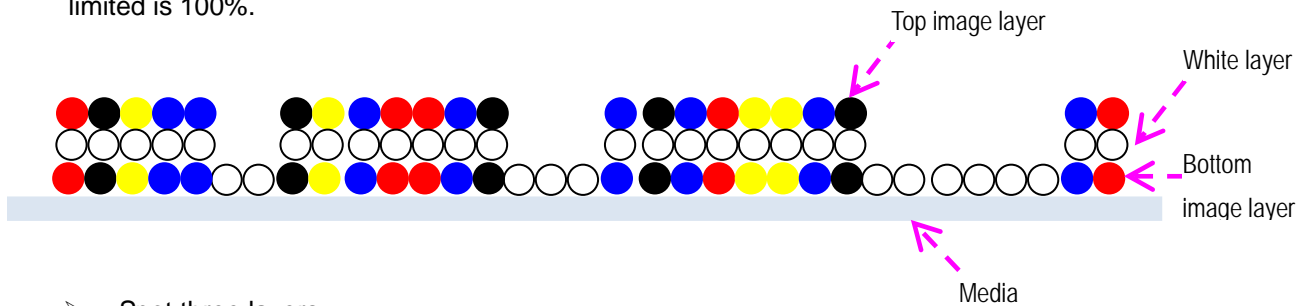
Spot Cover Mode is a special Base Color Mode. White color is laid down in spot image area.



7. Three Layers

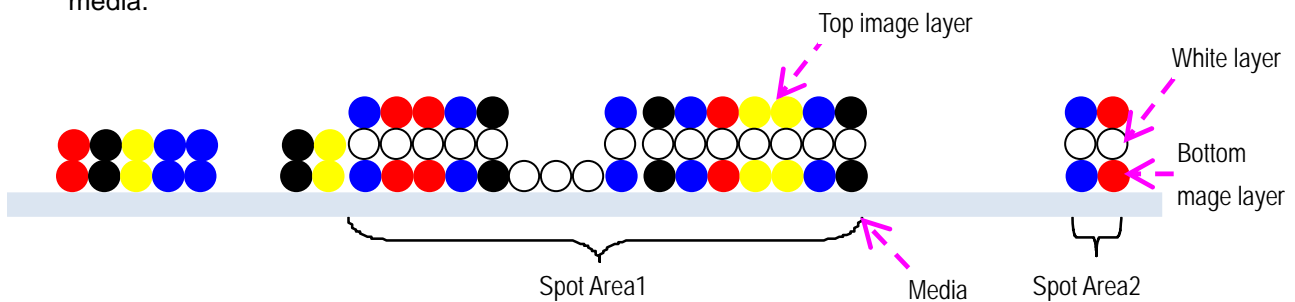
➤ Usual three layers

The mode will print one white layer between two image-layers on the transparent media. The ink limited is 100%.



➤ Spot three layers

The mode will print one white layer between two image-layers in the spot area on the transparent media.



How to create spot channel?

Two imaging processing software can be used to create spot channel here: one is Photoshop, while the other one is Adobe Illustrator.

Notice:

- Only AI CS 2 can work here, the photo printer doesn't support high version!
- The format must be *.EPS.

1. Adobe Illustrator Process Procedure

- 1) Open Illustrator software.
- 2) Open the file which you want to print with spot white.

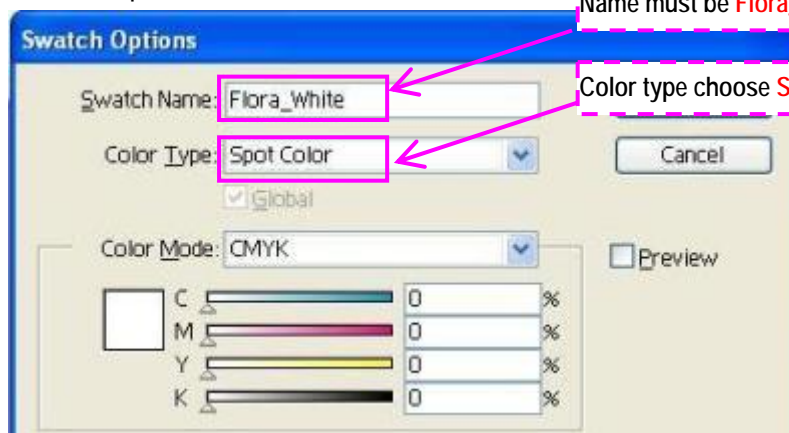


- 3) Select the area where you want to add spot white.



The white area is where to print spot white.

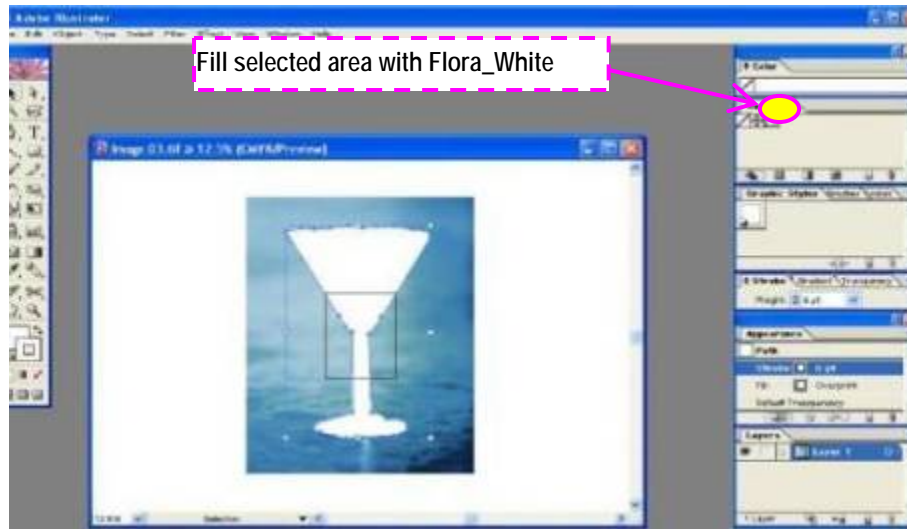
- 4) Create new swatch for spot white.



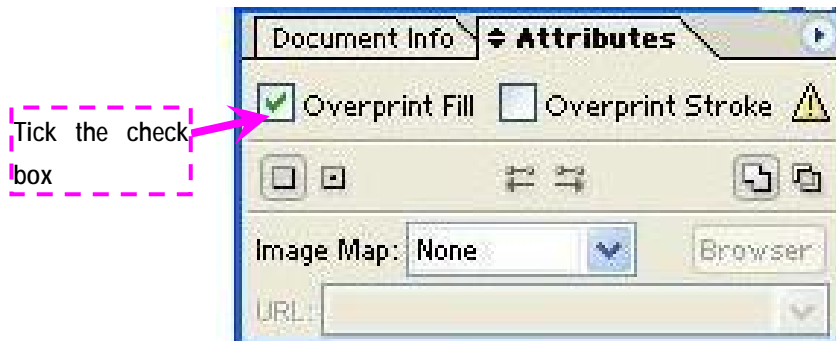
Name must be **Flora_White**

Color type choose **Spot Color**

- 5) Fill the selected area with **Flora_White** color which is on **Swatches Panel**.



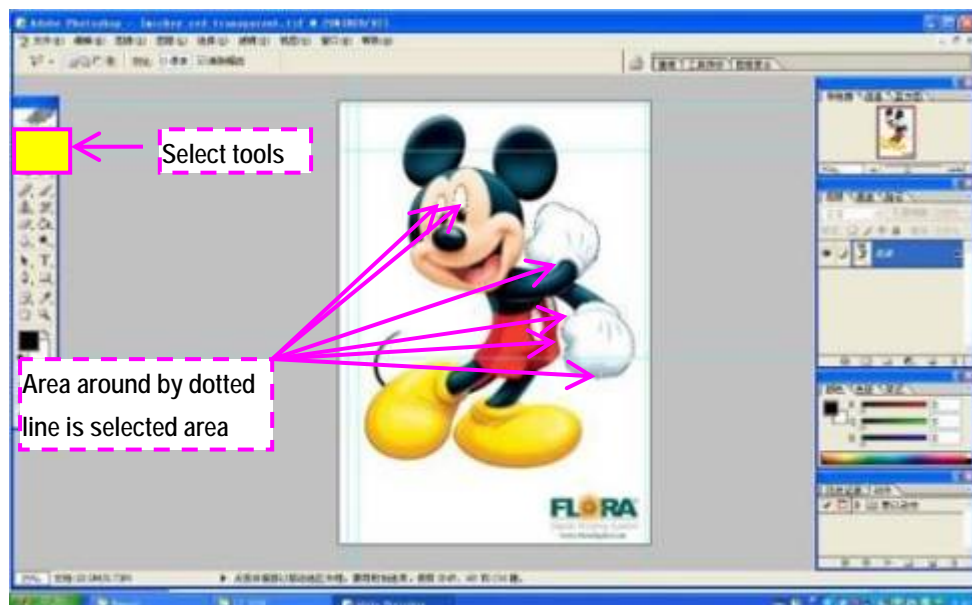
- 6) Click **【Attribute】** icon from **【Windows】** Menu Bar, then Tick **Overprint Fill**.



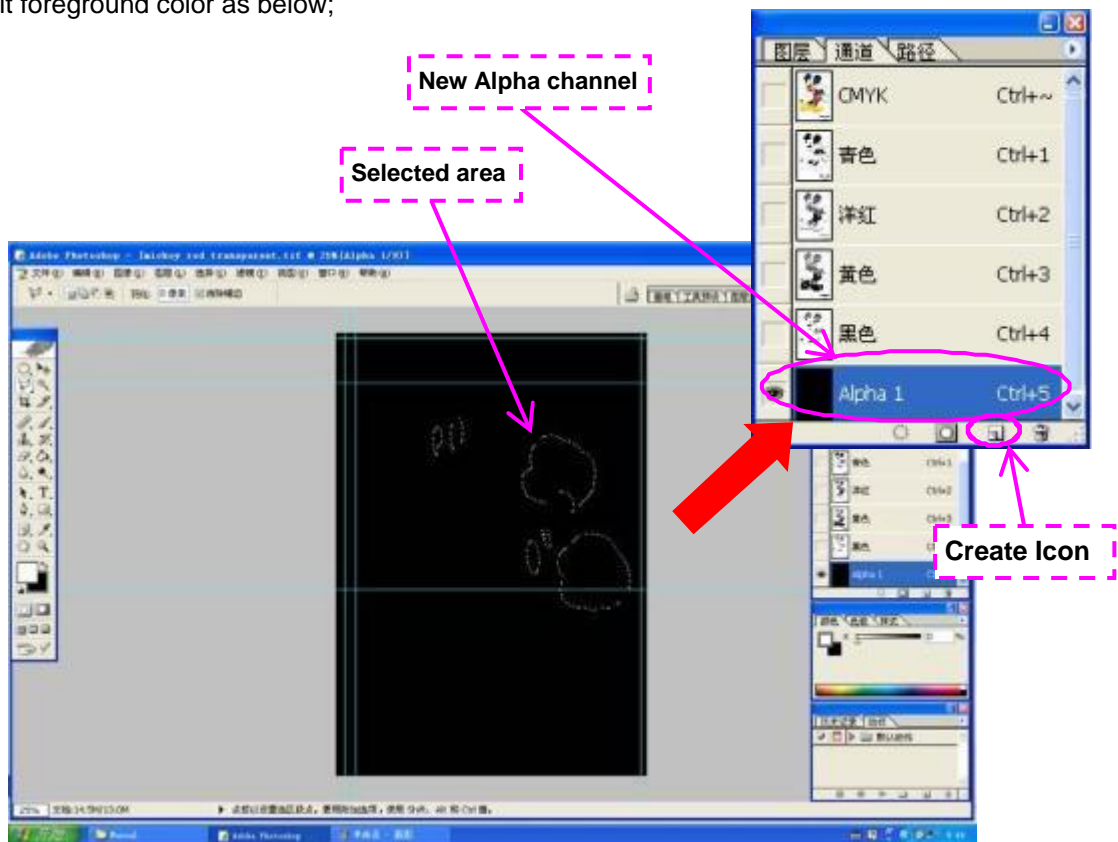
- 7) Save the file with *.EPS format.
8) Finish design.

2. Photoshop Process Procedure

- 1) Open Photoshop (Any version is ok), then open the picture which you want to process;



- 2) Use any way you are familiar with to select the area you want to print white color;
- 3) Create a new channel by clicking **“Create”** icon or **Ctrl+5**. Then the whole image will be covered by default foreground color as below;



- 4) Double click on Alpha channel, then coming with **【Channel Option】** window. Rename it, and set it as a spot color channel. After setting all, click **“OK”**;

Notice: The name must be **Flora_White** (F & W are capital letters).

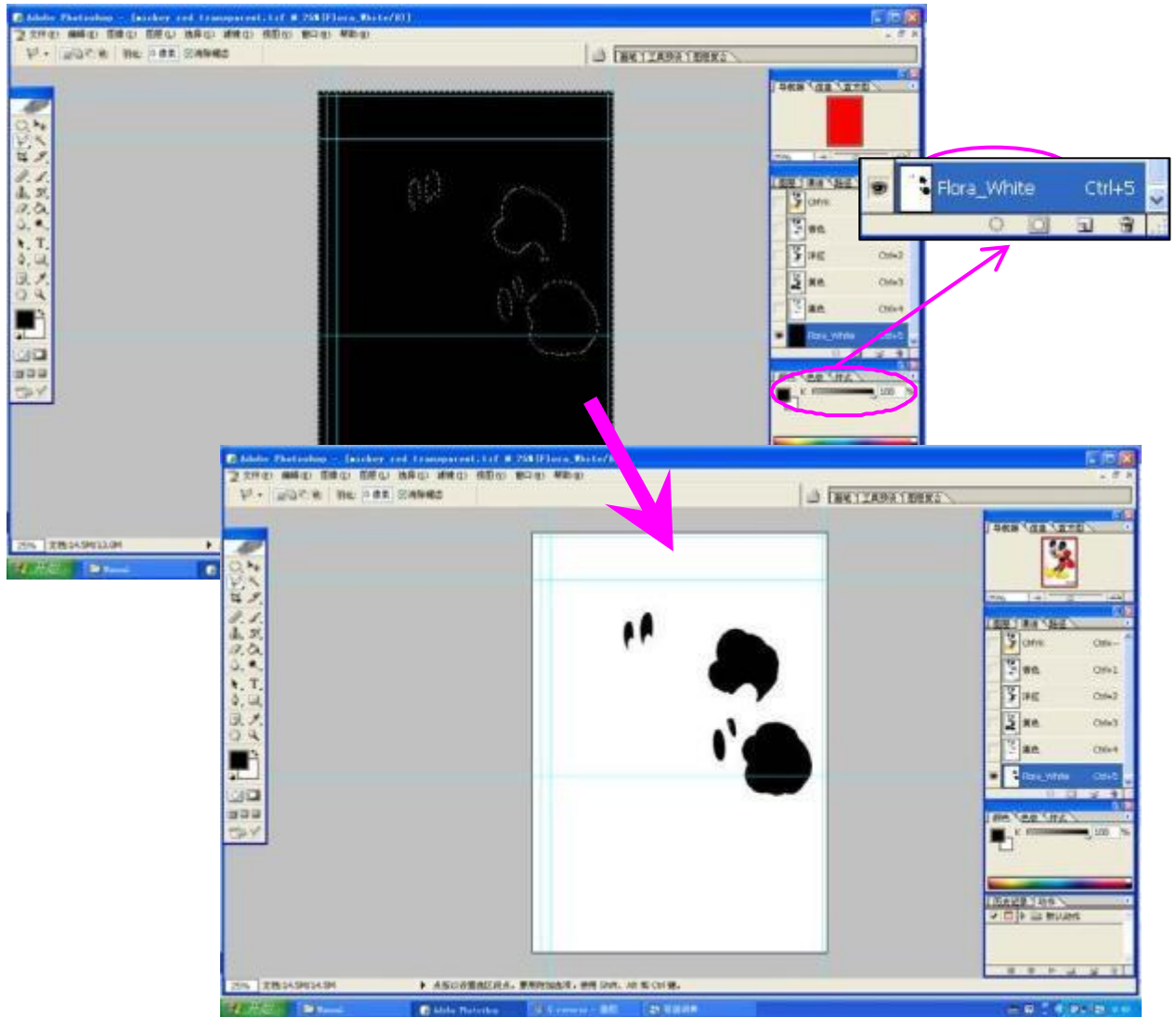


- 5) Reverse the select area with short cut key **Ctrl+Shift+I**, then delete the data of this area. Or use other way, just leave the selected area with black color;

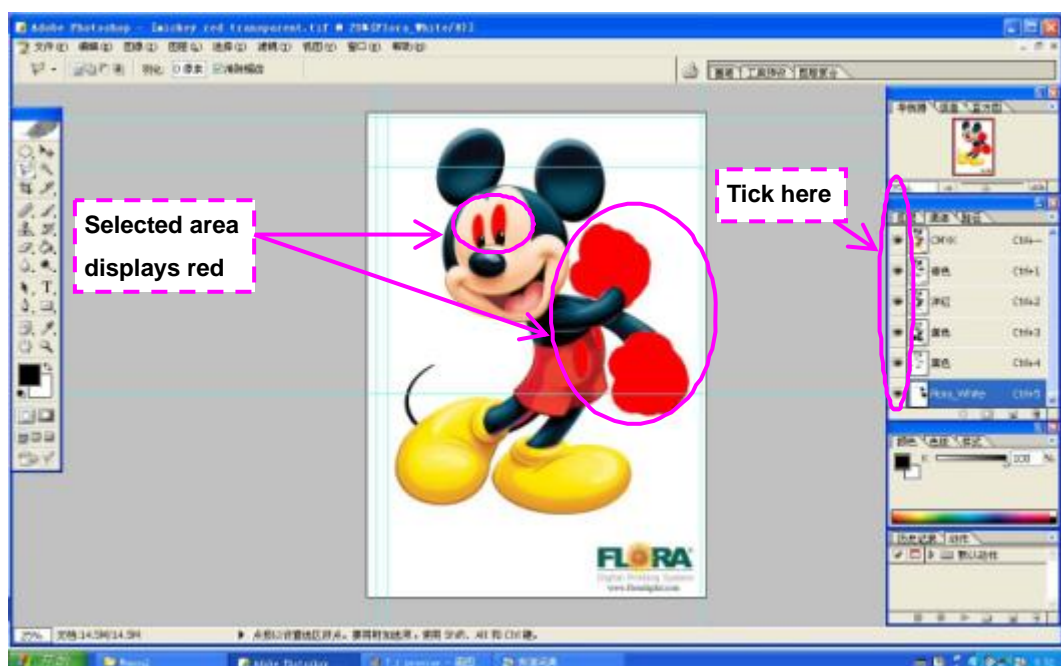
Notice:

Here black area means having data, it will print white in this area.

White area means no data, and with no white!



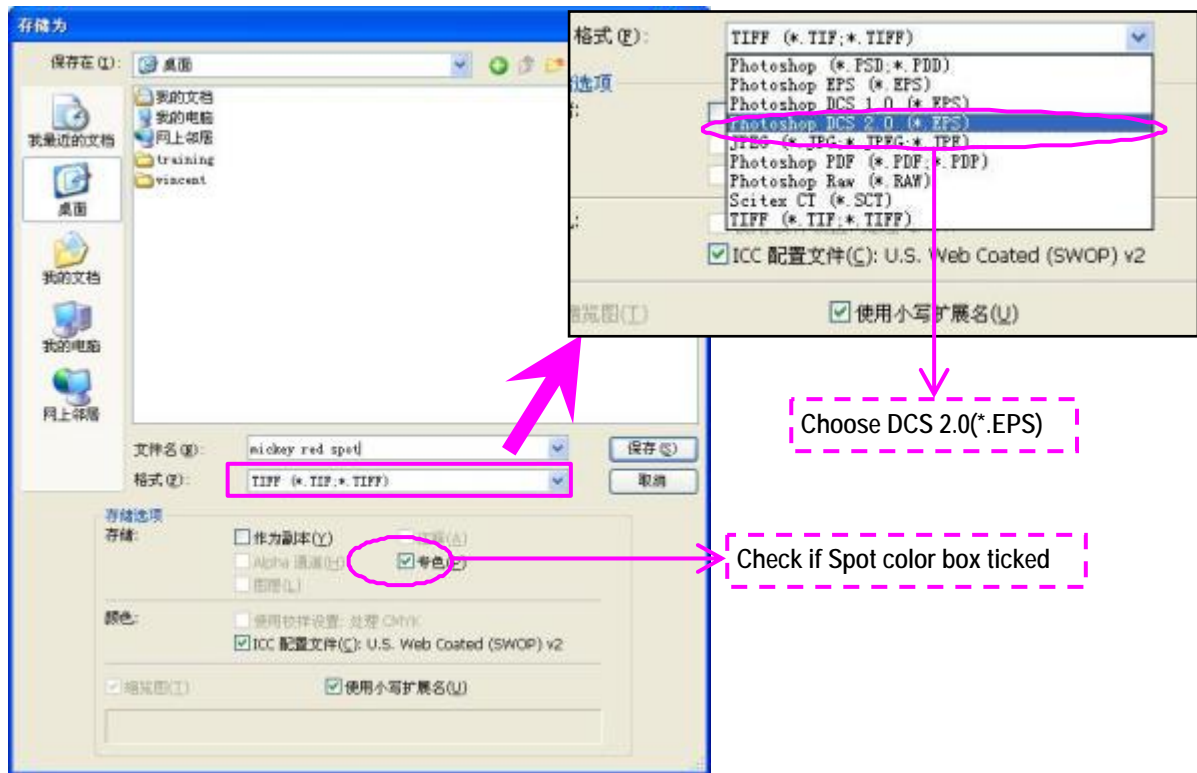
6) Tick the eye box to preview image;



7) Save the image in EPS format, then click “save”;

Notice:

The format must be Photoshop DCS 2.0(.eps).*

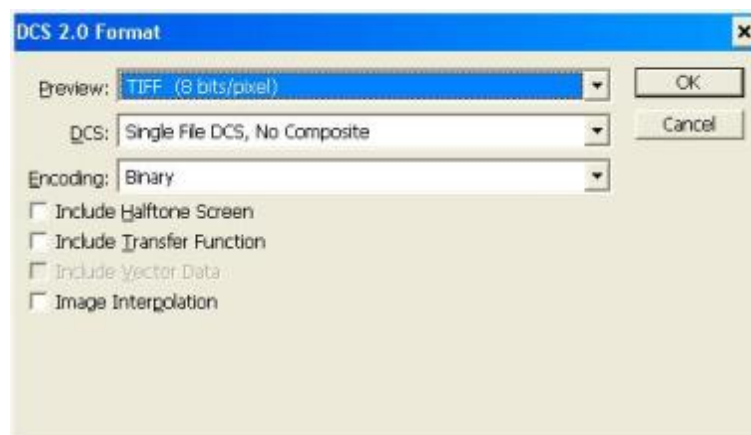


8) After click “Save”, the window named 【DCS 2.0 Format】 will coming out. The mode you can choose as below:

Preview: TIFF (8 bits/pixel)

DCS: Single File DCS, No composite

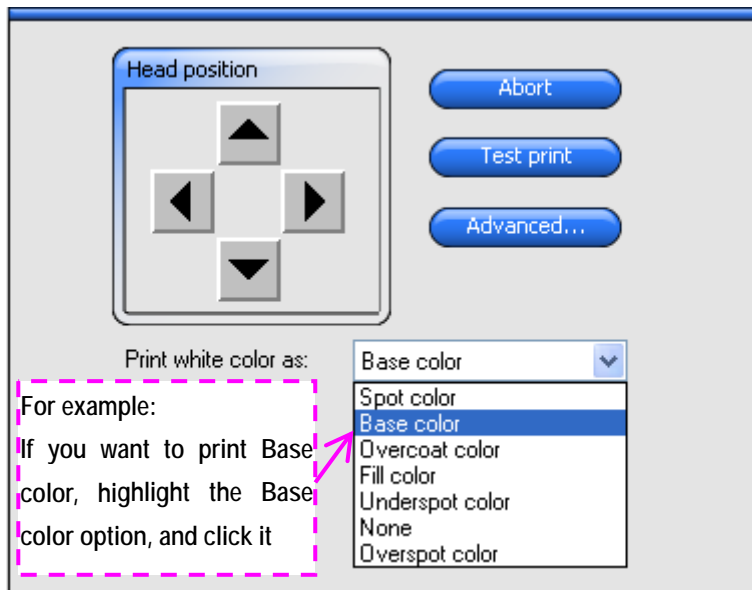
Encoding: Binary!



9) Finished!

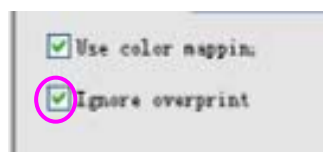
How to print White Mode?

For Base Color, Overcoat color, Under spot color, Over coat color, Fill Color, only select the corresponding mode, then it can print!

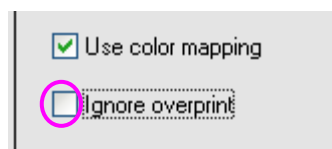


Spot White Print Setting:

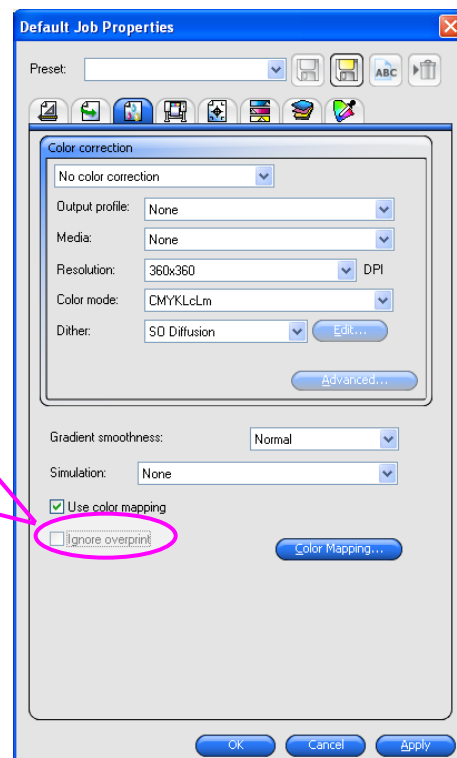
1. Set all the job properties as usual;
 2. Additional setting for spot white printing;
 - Go to **【Color Management Tag】** to set the **overprint** function.
- Fill Mode:** Tick ignore overprint check box,
Cover Mode: un-tick ignore overprint check box;
Under Mode: un-tick ignore overprint check box



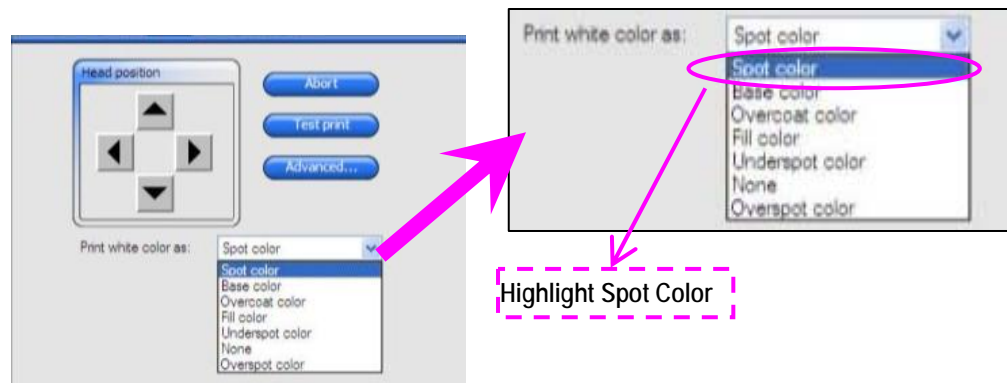
Fill Mode



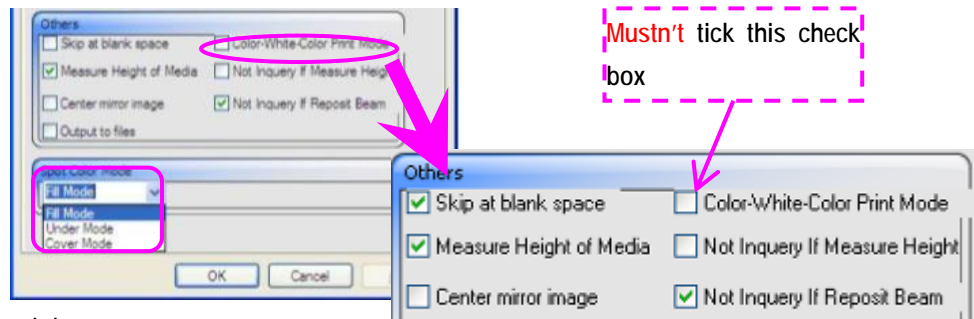
Cover & Under Mode



- Go to **【Printer Option Tag】**, set **Print white color as** Spot color



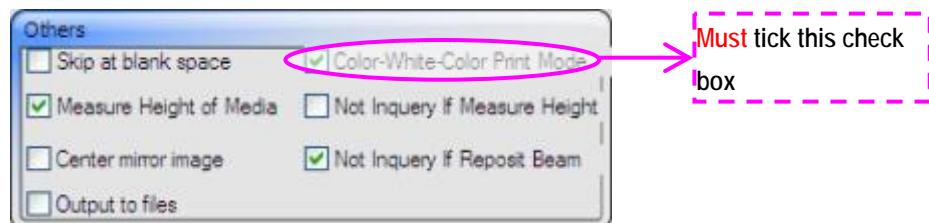
- Go to **【Printer Option Tag】**. Choose **Advance** → **System** → **Spot Color Mode** (select the mode you want);



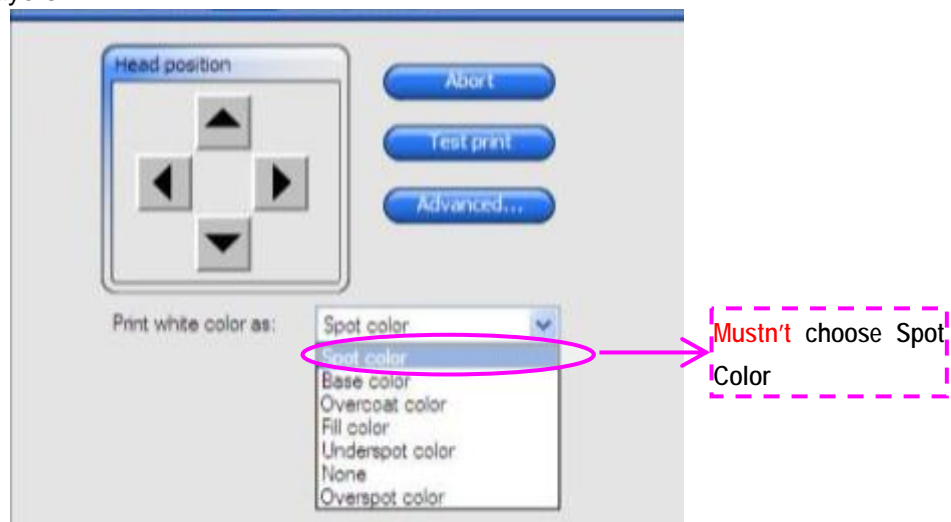
3. RIP & Print the job.

Three layers White Printing Setting

1. Go to **【Printer Option Tag】**, **Advance** → **System** → **Color-White-Color Print Mode**



- Usual three layers:



- Spot three layers:

Tick the **Color-White-Color Print Mode**, while the other setting is the same as spot color.

How to print double white?

Double white can only work under **Uni-direction Mode**.

Normally with Uni-direction Mode, the print heads only fire when the carriage move from right to left.

But when you tick Double White Mode, the white color will also fire when carriage comes back from left to right, which will produce more white!

- Go to **Default job properties**→ **【Printer Option Tag】** → **Advanced**→ **Motor**.
- Choose **Unidirection**, and tick **Double White as below!**

