~~Section 12:~~Section 1: Fluorescent Panel Usage

Fargo YMCFK Ribbon for HDP5000 is an economical way to add a fully customizable, incremental level of security to your photo identification cards. This process allows the user to configure the data that is printed with the fluorescent panel of an YMCFK Ribbon. (**Note:** Any software program may be used to print the special florescent panel of the Ribbon to a card once the driver and Workbench are set up correctly.)

- These Ribbons contain a yellow **(Y)**, magenta **(M)**, cyan **(C)**, and resin black **(K)** panels to create a full color over-the-edge printing identification card. In addition, the Ribbon contains a dye-based fluorescing panel **(F)** which will allow you to print a standard or one-to-one personalized grayscale fluorescing image that is completely invisible until exposed to ultraviolet light.

There are two (2) methods used to accomplish the creation of a custom fluorescent image when using the YMCFK Ribbon for the HDP5000.

- The first method (described below) uses the Fargo Workbench Printer Utility to create a static image that will be applied automatically to each card sent to the printer.

- The second method (described later in this document) allows the creation of the fluorescent panel image directly from the badge application software. (**Note:** This enables the user to print a unique fluorescent image, such as the card holder's picture, on each card.)
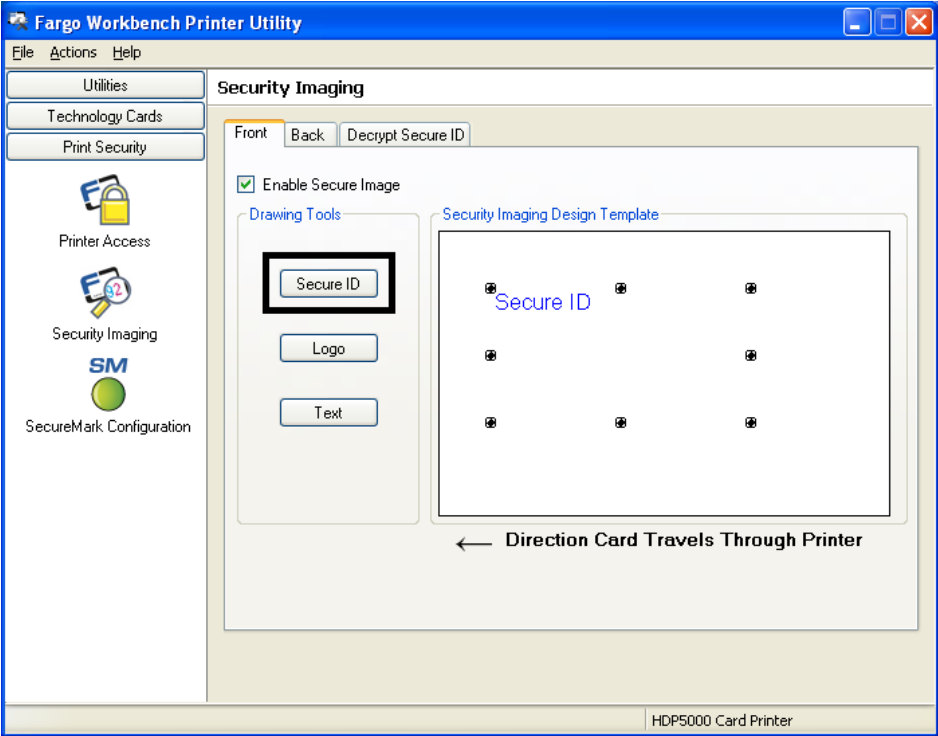
Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Workbench

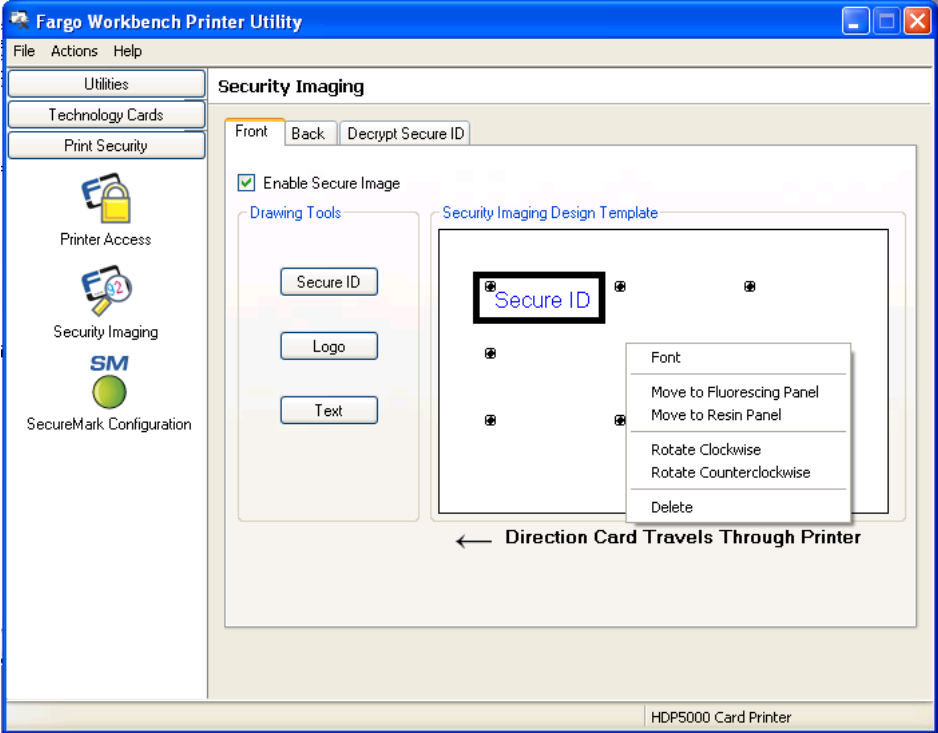| Step	Procedure
1	From the Driver Printing Preferences, click on **Diagnostics** to bring up the Fargo Workbench Printer Utility.
2	a. Click the **Print Security** applet group and select the **Security Imaging** applet. b. Check the **Enable Secure Imaging** Checkbox. (**Note:** The option for both front and back are set up the same way.)
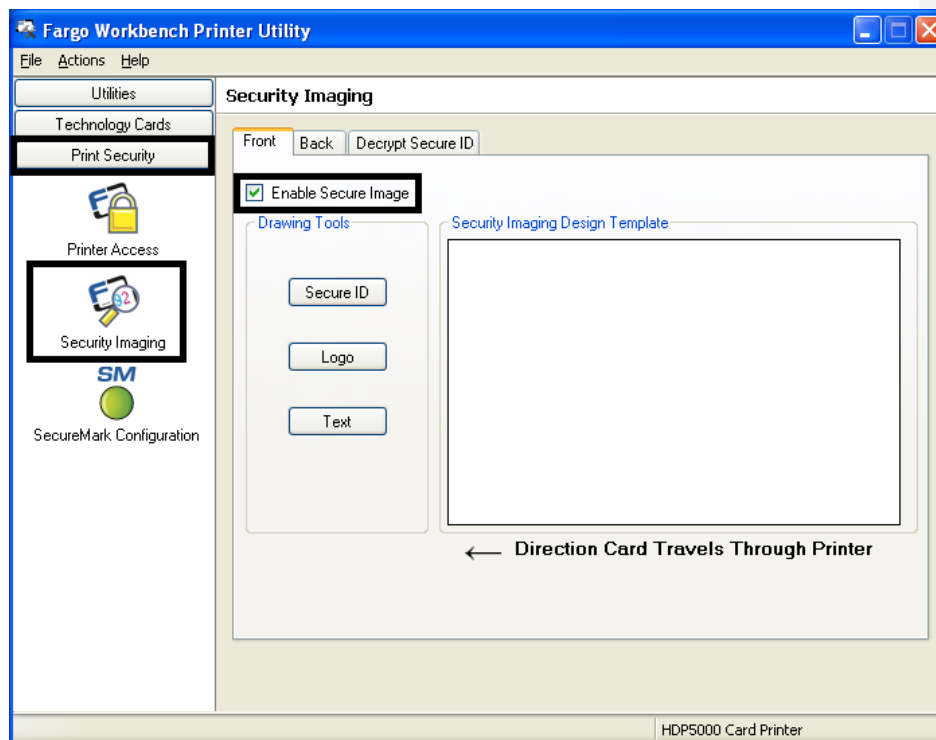
Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Workbench (continued)

Step	Procedure
3	a. Click on the **Secure ID** box on the left. b. Click and drag a box onto the Template. c. Move and size as needed.

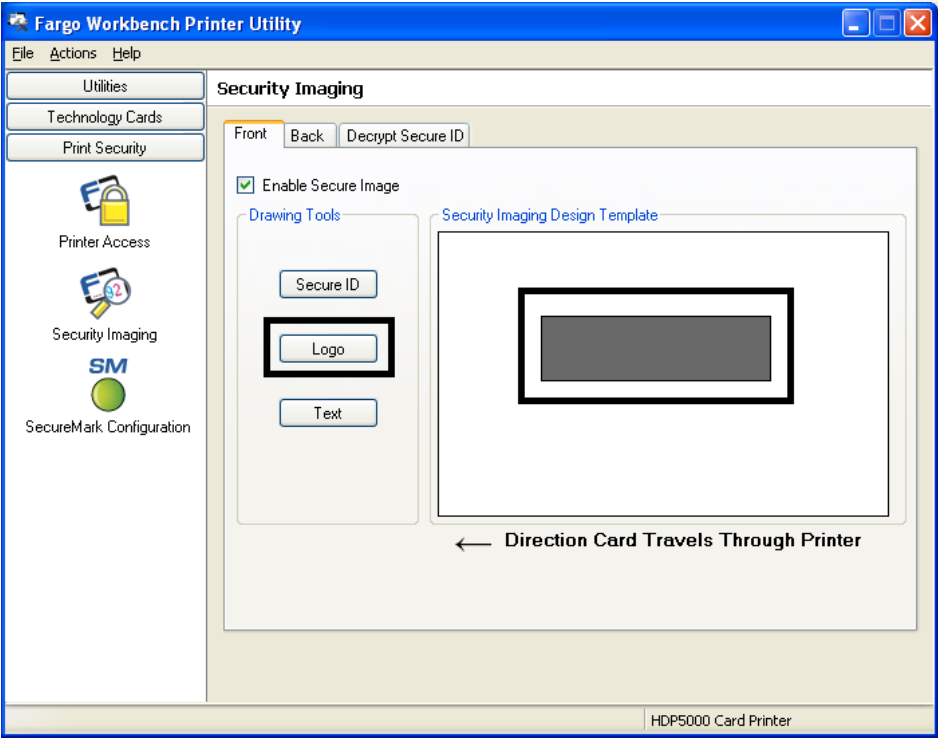**Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Workbench (continued)**

Step	Procedure
4	On the Template, right click on the Secure ID box for the options.

Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Workbench (continued)

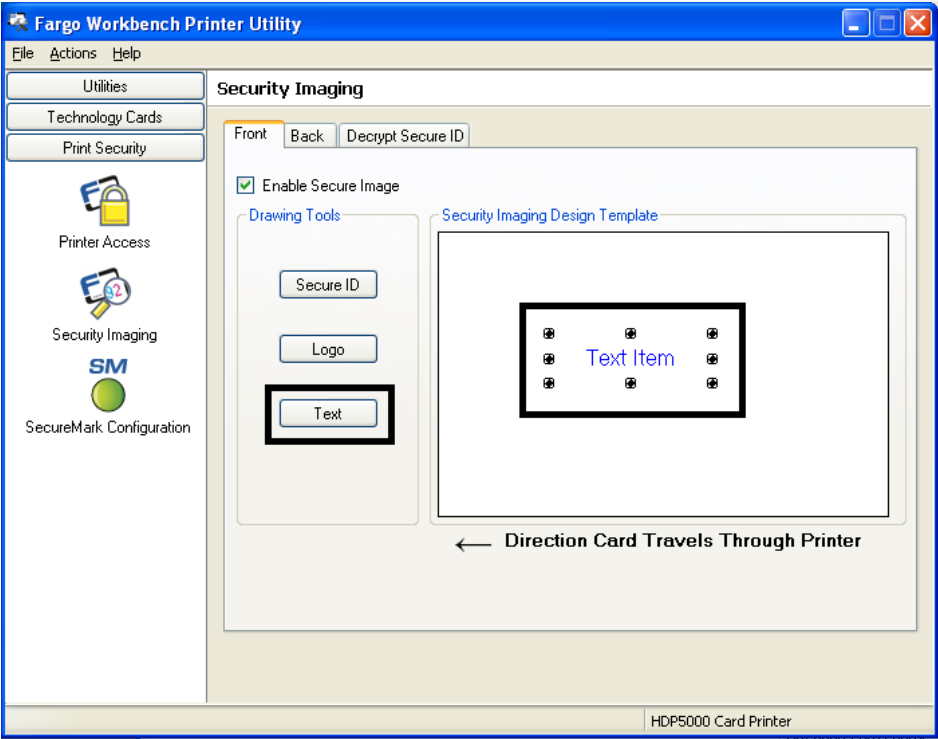| Step	Procedure
5	a. Click on the **Logo** box on the left. b. Click and drag a box onto the Template. c. Move and size (as needed) by grabbing the corner of the box.

Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Workbench (continued)

Step	Procedure
6	On the Template right click on the **Logo** box for the options shown below.
7	**Select Logo File**. Find the source of the Logo to place on the card. (**Note: Fit to Frame** will size the image to fit the box. Once this is set up, this logo will print from the software program. This is set up in the background.)
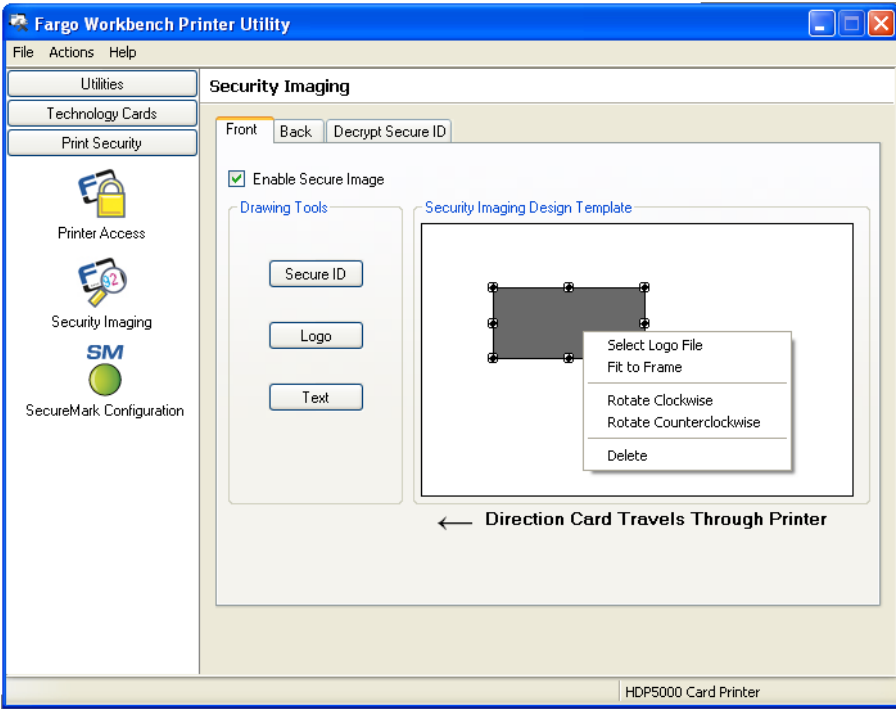
Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Workbench (continued)

Step	Procedure
8	a. Click on the **Text** box on the left. b. Click and drag a box onto the Template. c. Move and size as needed.

Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Workbench (continued)

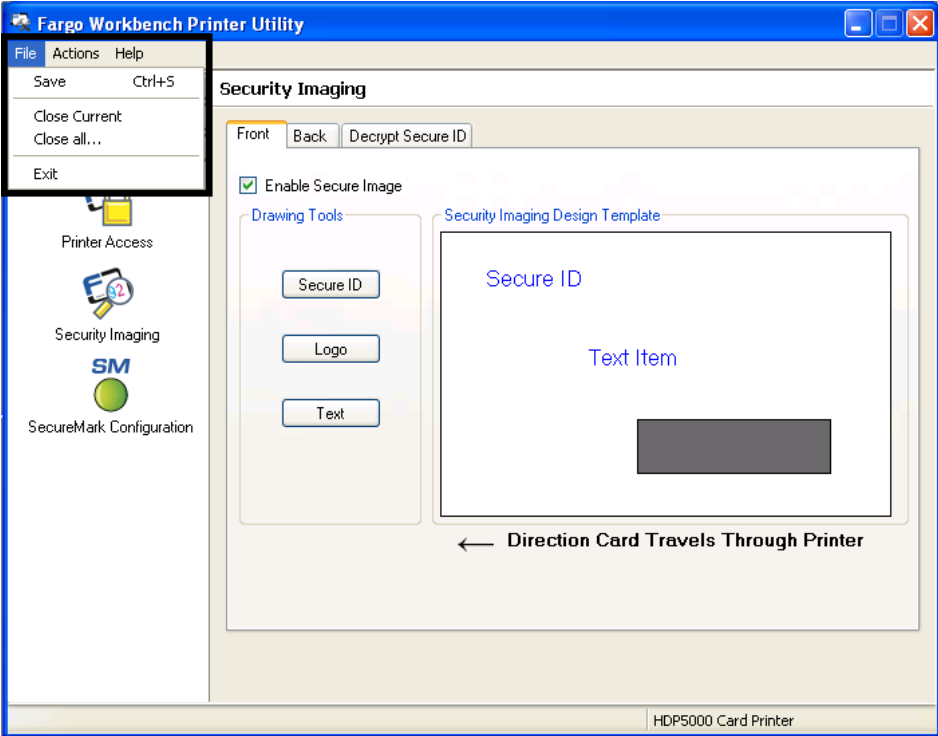| Step	Procedure
9	On the Template, right click on the **Text** box for the options shown below.

Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Workbench (continued)

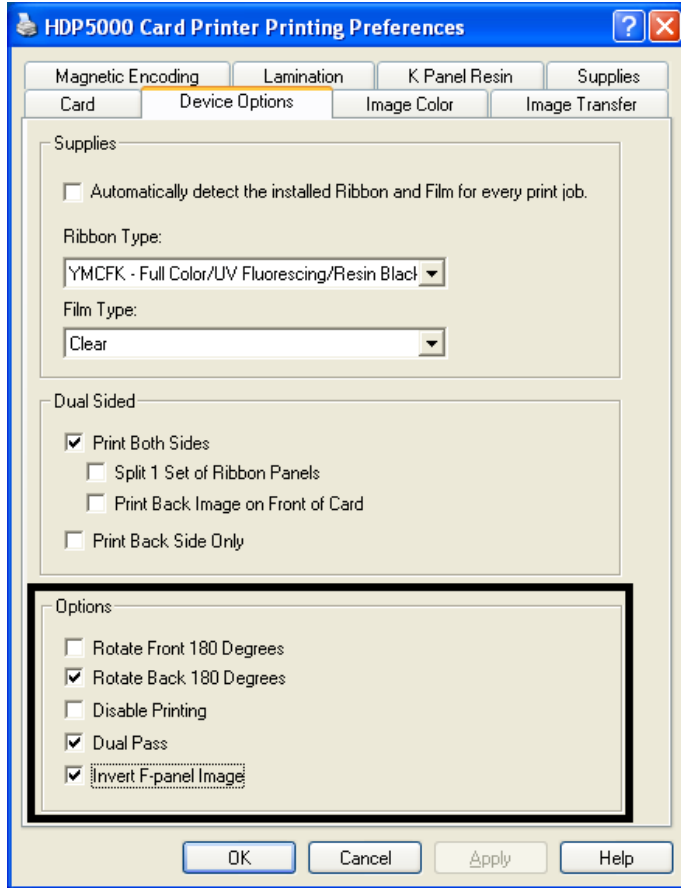| Step	Procedure
10	Follow the same instruction as above for the back side of the card.
11	a. Save this template using **File-Save**. b. Close the Workbench. (**Note:** Any Software program file printed with the YMCFK ribbon installed into the printer will print this design with the F panel of the ribbon. It will print the same file each time unless you recreate a new template.)

Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Workbench (continued)

Step	Procedure
12	Set the ribbon for YMCFK in the Printing Preferences. (**Note:** The **Auto Detect** button may also be used. The F panel ribbon must be installed for this process to work.)
13	Check **Dual Pass** if you would like to print the F panel on a separate panel of HDP film from the YMC image. (**Note:** It is recommended that the user use the default "Dual Pass" option if the fluorescent image is used in places where other dye is used or any time the "Invert F panel Image" option is selected)
14	Check **Invert F-Panel Image** to create a negative of the fluorescent image. (**Note:** This may improve the look of the person's image if used for the Logo.)

Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Workbench (continued)
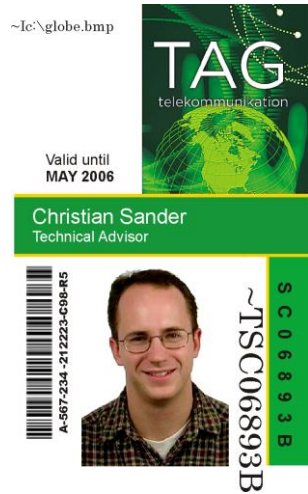
Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Application

This process creates a fluorescent image on your card using a simple text string command in your badge application.
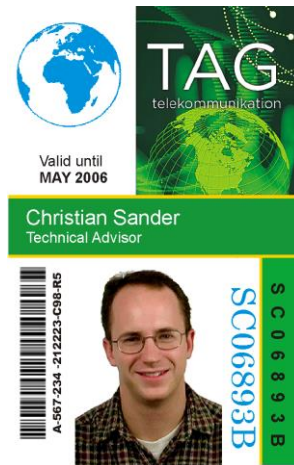
Step	Procedure
1	**Creating Fluorescent Text:** Create a new text box in your badge application.
2	Type the **TEXT** that you want to appear as fluorescent and put a **~T** before the start of the text with no space after the **~T**. The text will start on the card where the **~T** begins. (see Display A below)
3	**Creating a Fluorescent Image:** In a separate drawing program, create the image that you wish to fluoresce. (See Display C below)
4	Create the **IMAGE** in the actual size that you want it to appear on the card, and save it as a "Grayscale" or "1 - bit" bmp file on the root c:\ directory. Do not put spaces in the file name.
5	Create a new text box in your badge application, and type ~I followed by the address of your image (see Display A below). The top left of your image will start at the top left of your text box.
6	Set up the printer driver preferences. Refer to Step 8-10 below
7	Printer will print the fluorescent BMP IMAGE at the ~I position on the card. Printer will print the fluorescent TEXT at the **~T** position on the card. (See Display B below)

Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Application (continued)

<table>
<tr>
<td align="center">

Display A
Card as seen in badge application

</td>
<td align="center">

Display B
Card as Printed

</td>
</tr>
<tr>
<td>

~Ic:\globe.bmp

</td>
<td></td>
</tr>
</table>

Display C*:*
BMP Image located at c:\globe.bmp

Configuring Fluorescent Data (F-Panel for YMCFK Ribbon) using the Application (continued)

Step	Procedure
8	Set the ribbon for YMCFK in the Printing Preferences. (**Note:** The **Auto Detect** button may also be used.)
9	Check **Dual Pass** if you would like to print the F panel on a separate panel of HDP film from the YMC image. (**Note:** It is recommended that the user use the default "Dual Pass" option if the fluorescent image is used in places where other dye is used or any time the "Invert F panel Image" option is selected)
10	Check **Invert F-Panel Image** to create a negative of the fluorescent image. (**Note:** This may improve the look of the person's image if used for the Logo.)

HDP5000 Card Printer Printing Preferences

| Magnetic Encoding | Lamination | K Panel Resin | Supplies |
| Card | Device Options | Image Color | Image Transfer |

Supplies

☐ Automatically detect the installed Ribbon and Film for every print job.

Ribbon Type:

YMCFK - Full Color/UV Fluorescing/Resin Black ▾

Film Type:

Clear ▾

Dual Sided

☑ Print Both Sides
    ☐ Split 1 Set of Ribbon Panels
    ☐ Print Back Image on Front of Card
☐ Print Back Side Only

Options

☐ Rotate Front 180 Degrees
☑ Rotate Back 180 Degrees
☐ Disable Printing
☑ Dual Pass
☑ Invert F-panel Image

[OK] [Cancel] [Apply] [Help]