



# GT DIGITAL GARMENT PRINTERS

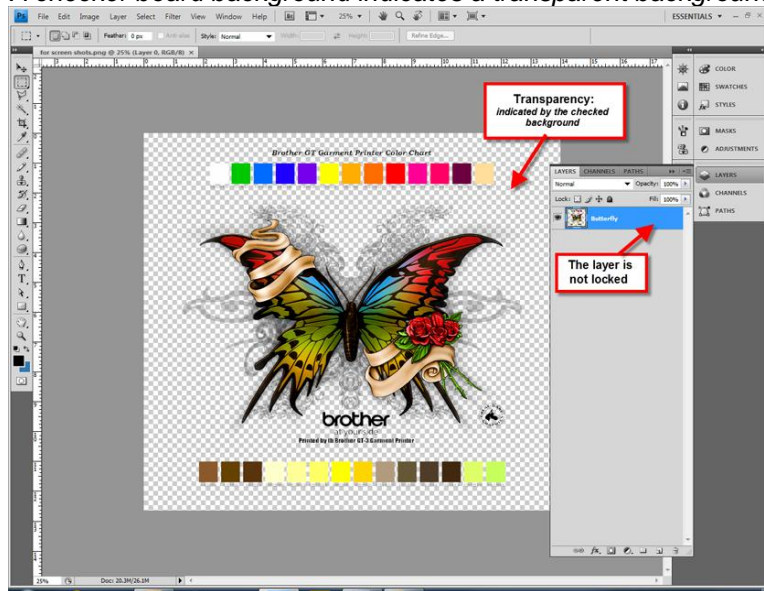
For Technical Assistance Please Call Toll Free **1-877-4BROTHER** Email: [tsupport@brother.com](mailto:tsupport@brother.com)

## GT Separate PNG Method (PNG Separator)

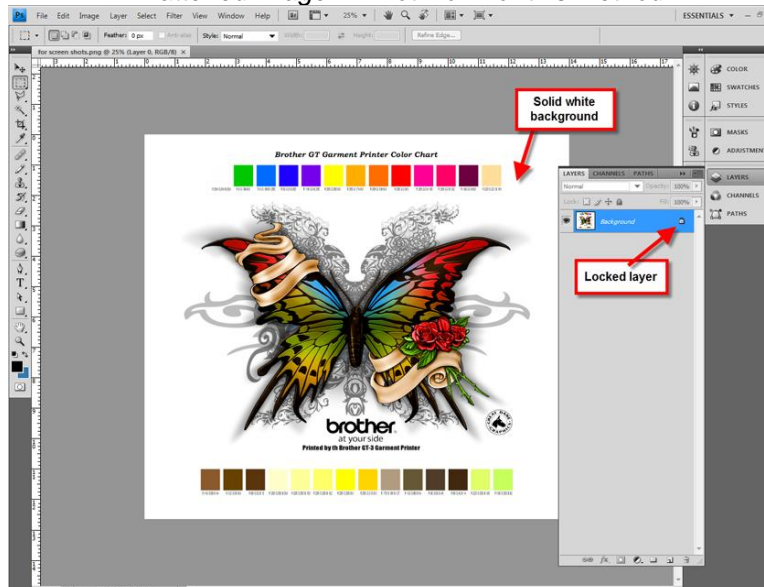
### Requirements to use the GT Separate PNG Method:

- The file has to be in a PNG format.
- The file has to have transparency.

*A checker board background indicates a transparent background*



*A flattened image will not work for this method*



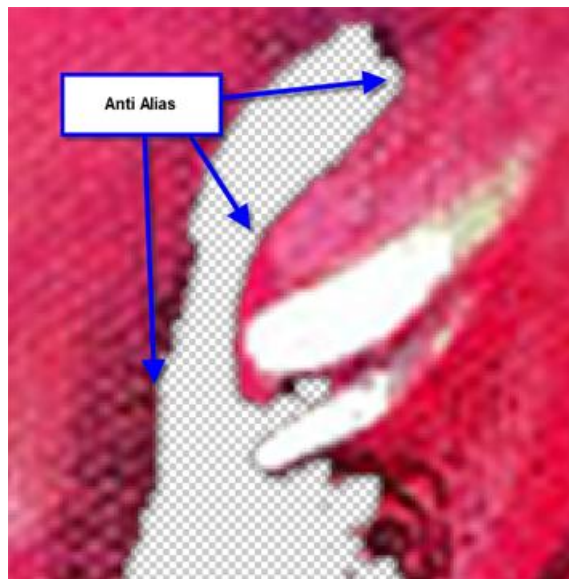
### When to use the GT Separate PNG Method:

Use this method when you will be printing an image that requires white ink.

- This method works for images with soft drop shadows, gradients and blends.



- This method also works well for images with anti-alias. Anti-alias is a method of fooling the eye that a jagged edge is really smooth.

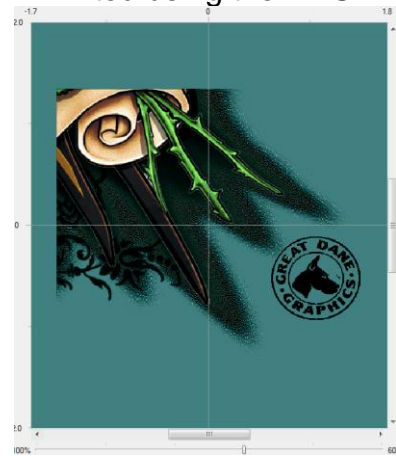


Here are examples of using the GT Separate PNG Method vs. not using this method:

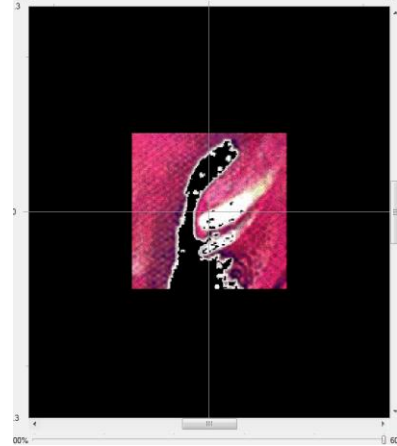
Printed straight from Photoshop



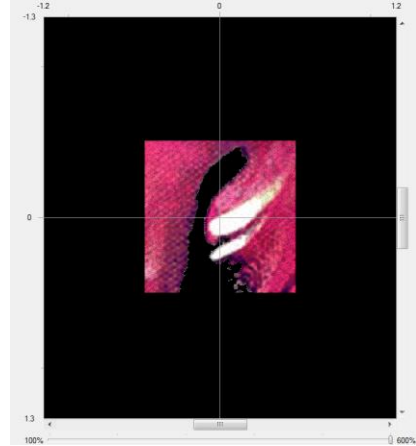
Printed using the PNG method



Printed straight from Photoshop

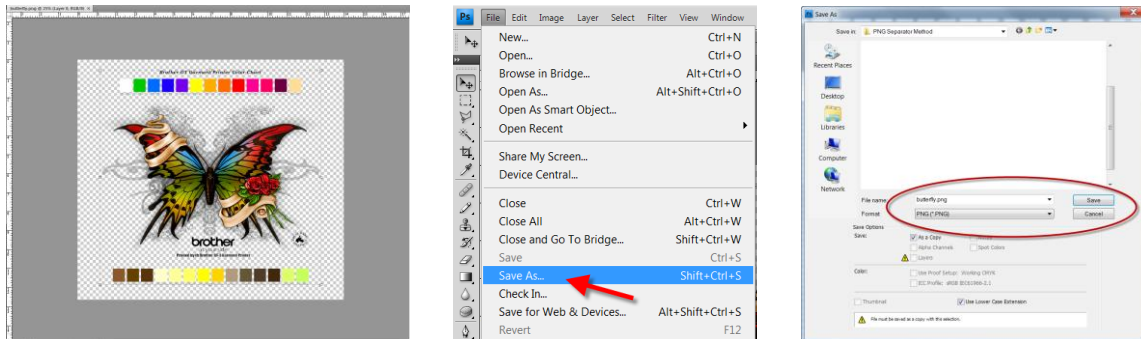


Printed using the PNG method

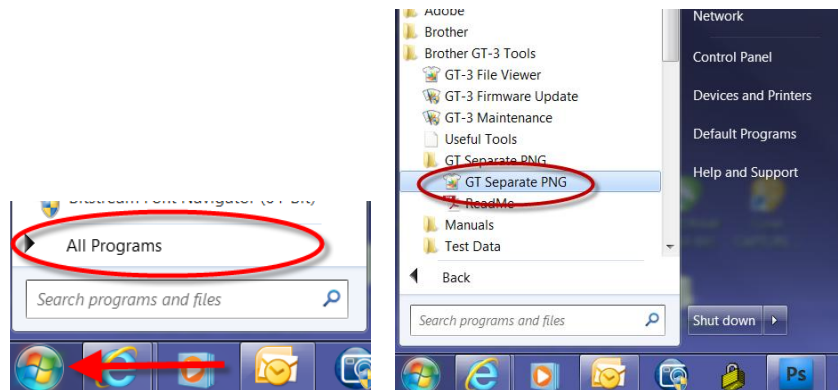


# How to use the GT Separate PNG method (Using Photoshop CS4)

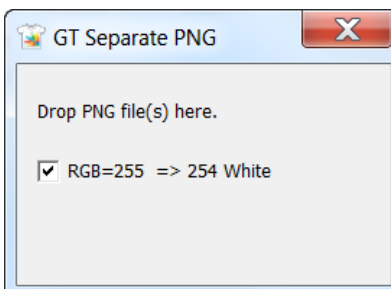
1. Prepare and do all your color corrections and modification in the original file format. (i.e. *PhotoShop*, *Corel*, etc)
2. Once you are satisfied with your image save your image in a PNG file format.



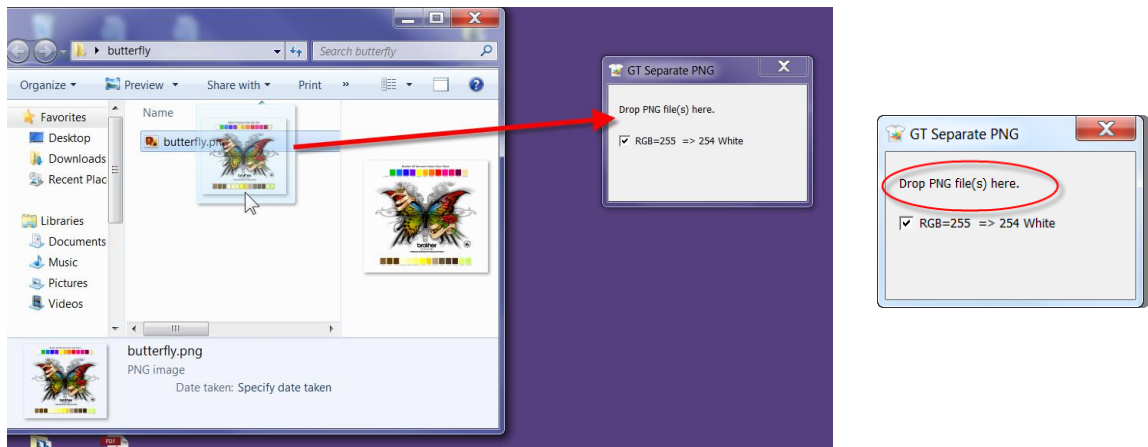
3. Click on the windows **start button**. Then click on **All Programs**. Scroll until you see the **Brother GT-3 Tools** folder. Click once to open the folder then click once on the **GT Separate PNG** folder. Then click on the **GT Separate PNG** program.



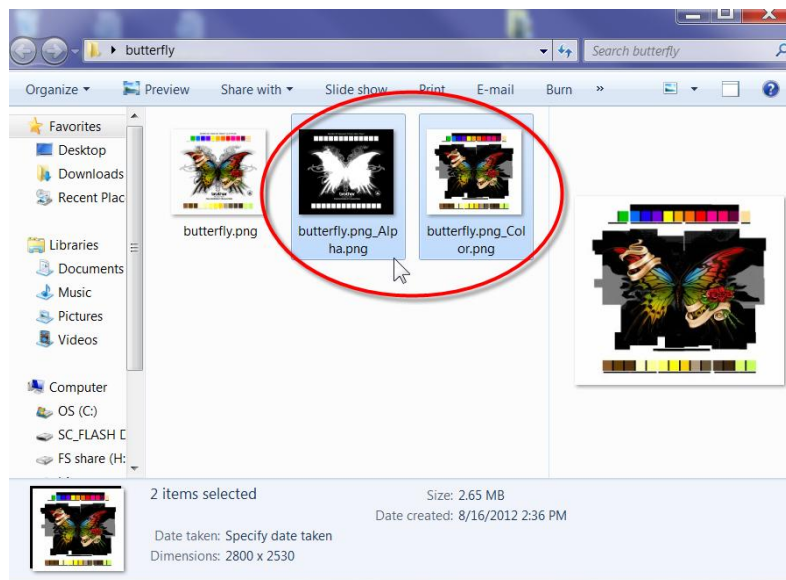
4. The program will be a small window that opens on your screen.



5. Open the folder where you saved your PNG file from earlier. Click and drag your file to the **GT Separate PNG** program window. You will notice in the **GT Separate PNG** window the words **RGB=255 => 254 White**. This means that the color white (RGB value of 255) will be automatically changed to RGB 254. The RGB value 255 is “invisible” to the Brother printer so no white ink will be printed in those areas on your garment. The **GT Separate PNG** will change the 255 to 254 within your image so the printer will lay down white ink in those areas.



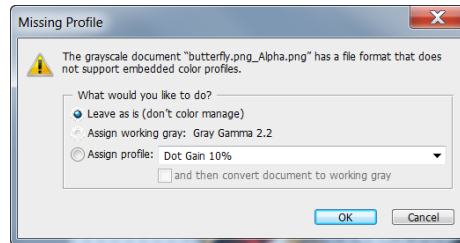
6. You will notice 2 new files were created. The program created the files **butterfly.png\_Alpha.png** and **butterfly.png\_Color.png**. Which you can see below.



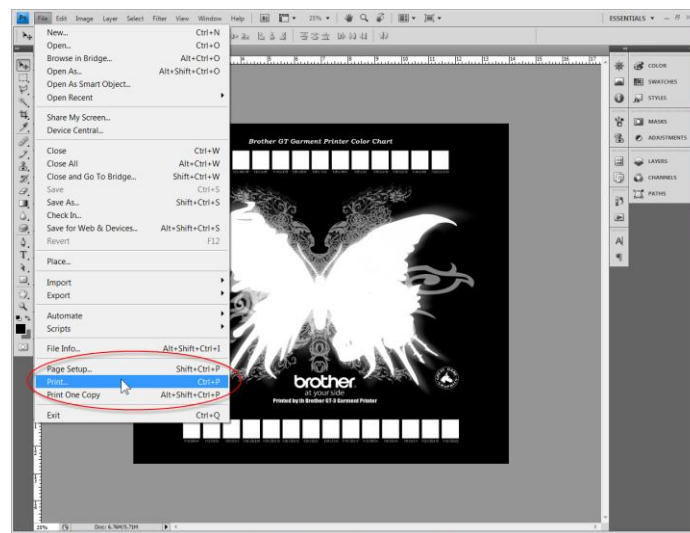
**note:** When you drag & drop the PNG file to the **GT Separate PNG** window and **no** **\_Alpha.png** file is created then there was **no transparent Information** in the PNG file. No checker board background means **no** transparency.



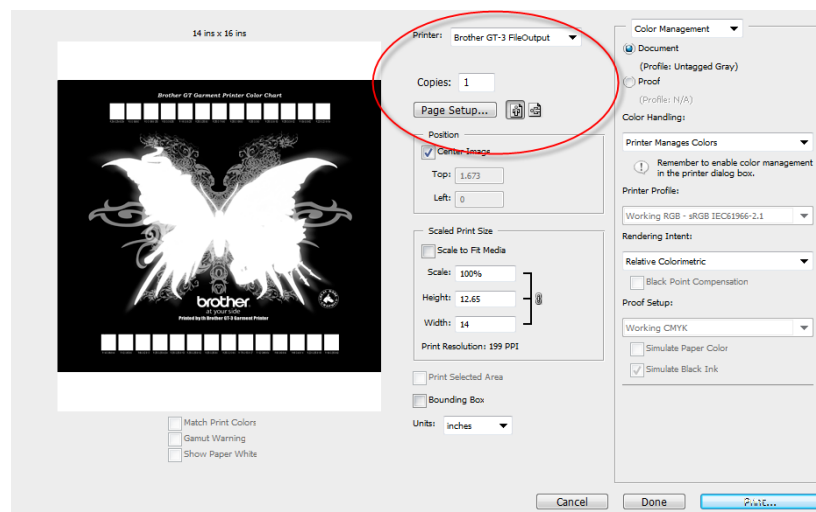
7. Return to your graphics editing software in this case we are using Photoshop CS4. Open the **butterfly.png\_Alpha.png** file. You will notice the image is in black and white. This is what we are wanting. Photoshop might prompt you with the window below. Select **Leave as is (don't color manage)** and click the **OK** button.



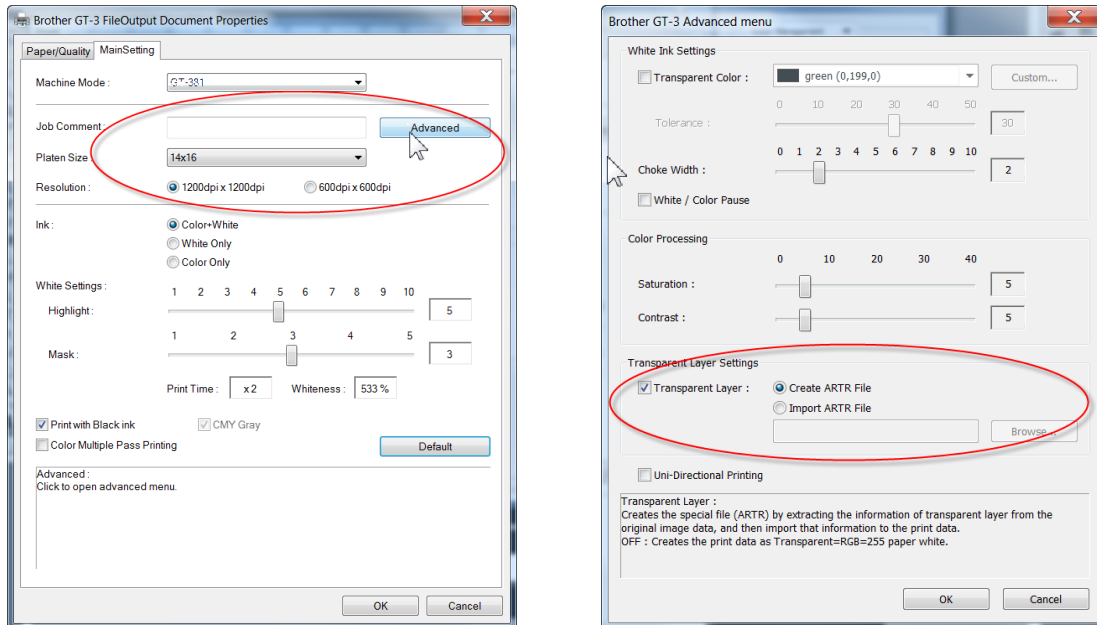
8. Once the file has opened go to the **File Menu** and select **Print**.



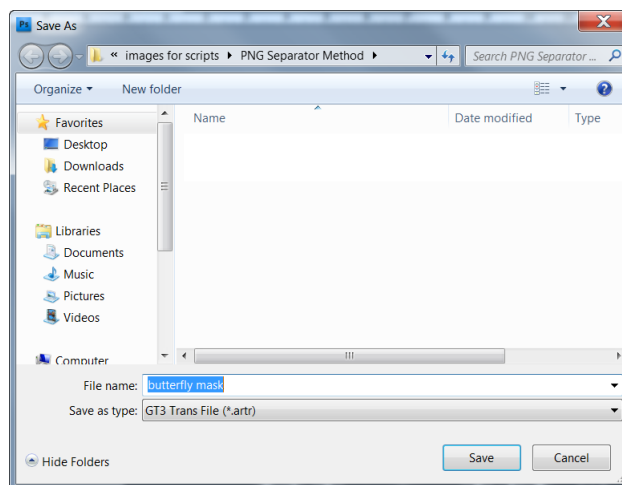
9. The following window will appear. Under the printer option make sure you select **Brother GT-3 FileOutput**. Click on the Page Setup button to access the Brother Print Driver.



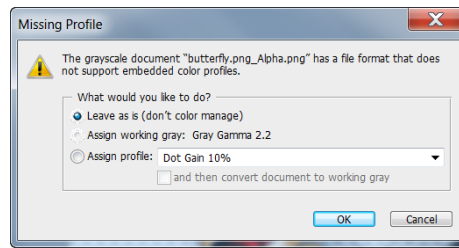
10. In the **Brother Print Driver** select the resolution and the platen size you will be wanting for your print output. Then click on the **Advance button** to get to the Transparent Layer Settings. Check mark the **Transparent Layer** and make sure the **Create ARTR File** is selected.



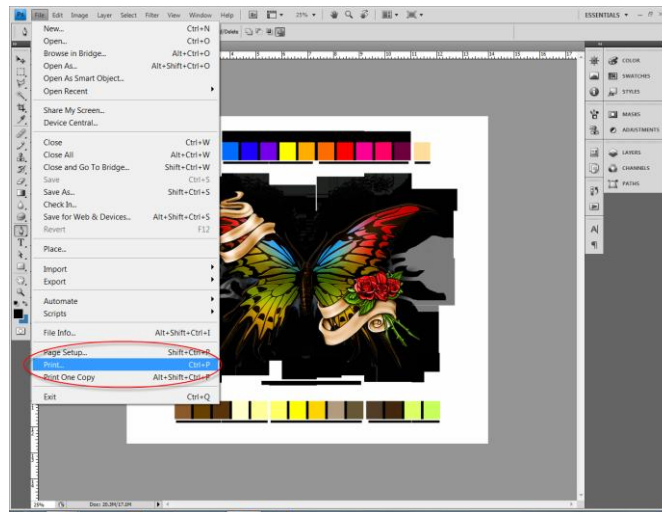
11. After clicking OK and print a window will pop up prompting you to save your file. Save the file in the same location as your **\_Alpha.png** and **\_Color.png** files to keep your files organized.



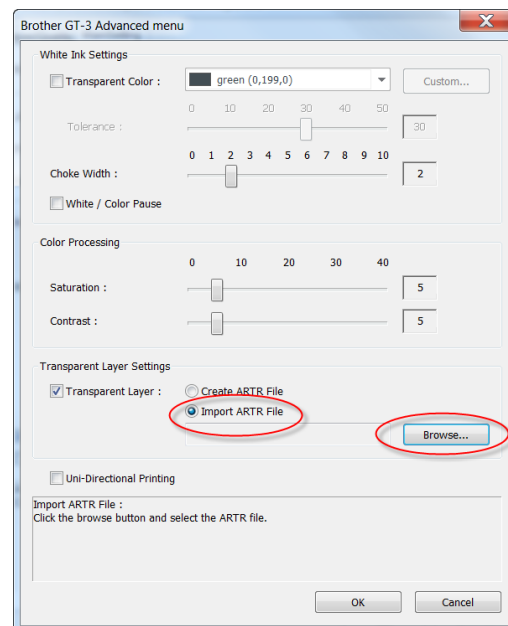
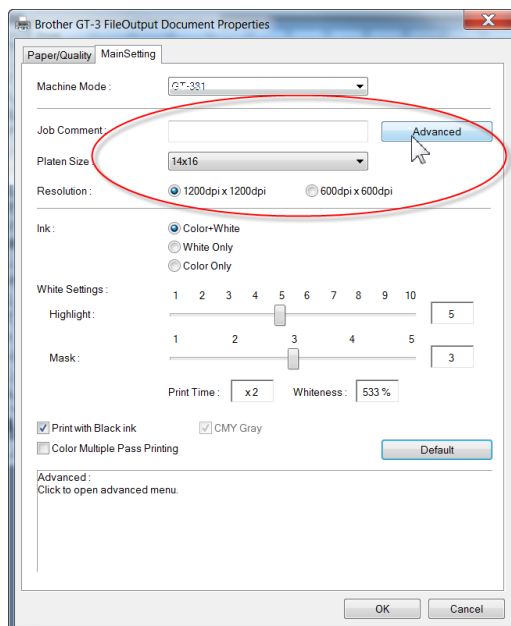
12. Return to your graphics editing software in this case we are using Photoshop CS4. Open the **butterfly.png\_Color.png** file. Photoshop might prompt you with the window below. Select **Leave as is (don't color manage)** and click the **OK** button.



13. Once the file has opened go to the **File Menu** and select **Print**.

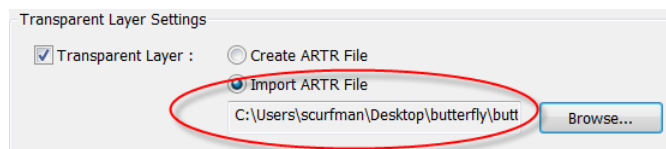
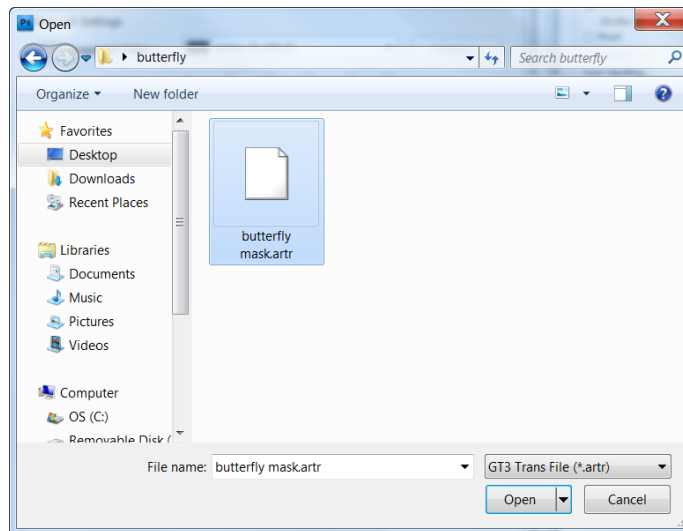


14. The following window will appear. Under the printer option make sure you select **Brother GT-3 FileOutput**. Click on the **Page Setup** button to access the Brother Print Driver. Click on the **Import ARTR** File radio button.





15. The following window will appear. Go to the location where you saved your ARTR from Step 11. Select your ARTR file you created and click **Open**. You will now see a path pointing to where you saved your file.



16. Click **Ok** on the Advance window and set your highlight and mask to the values you want and click **OK**. Then click **print**. Depending on your image it may take a moment for your final AR3 file to appear on screen. Click **Save** to save your AR3. Now you can open your **AR3** file and print it to your garment.

