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Roland®

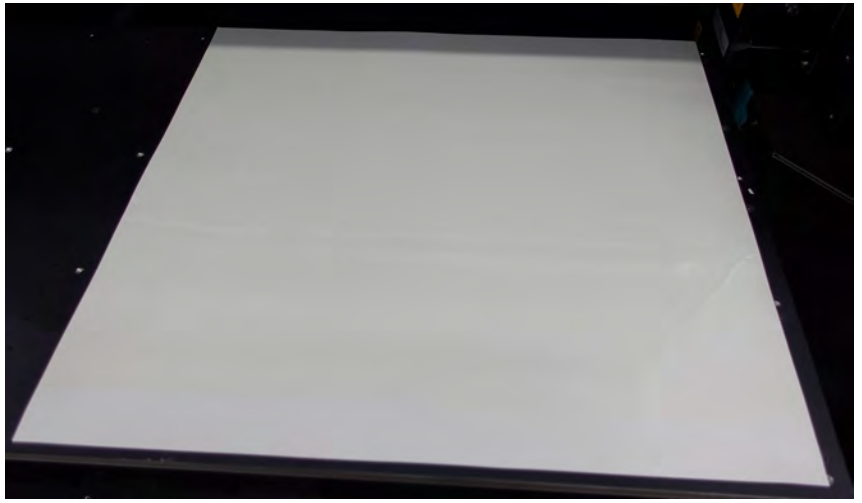
Graphic Transfer System(GTS)

LEF Series Printer Setup

1. Turn on the vacuum

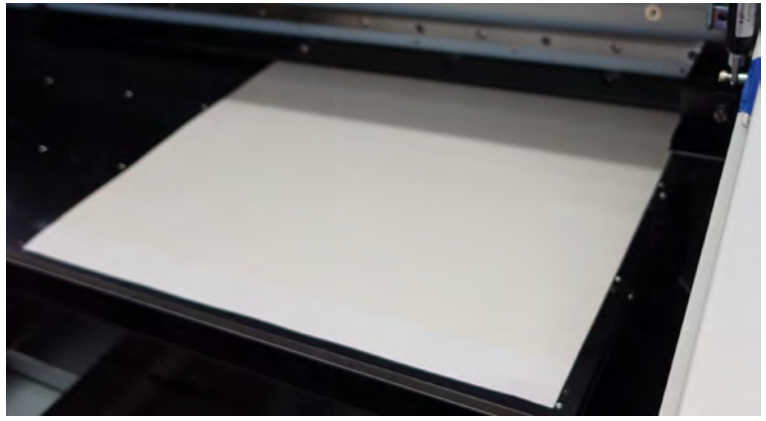
2. Peel off protective sheeting/Transfer sheet

3. Place Transfer sheet in/On LEF Table/Bed

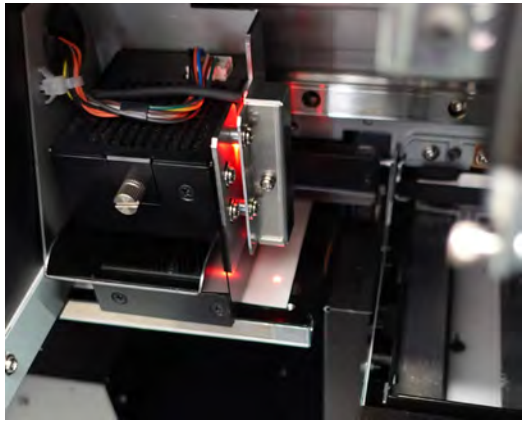


4. Set Up page for print

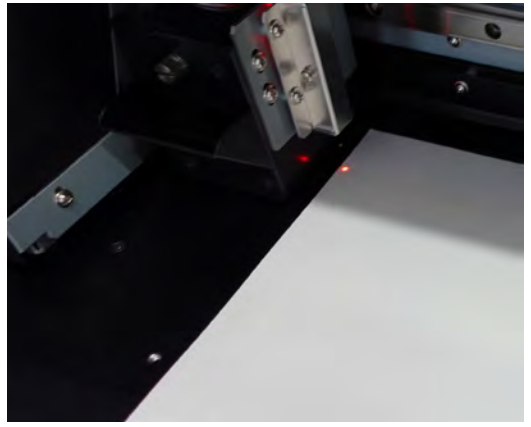
5. Set your Z (height)



6. Set your Start/Basepoint



7. Set your X,Y End point



LEF Series + V-Bond VersaWorks

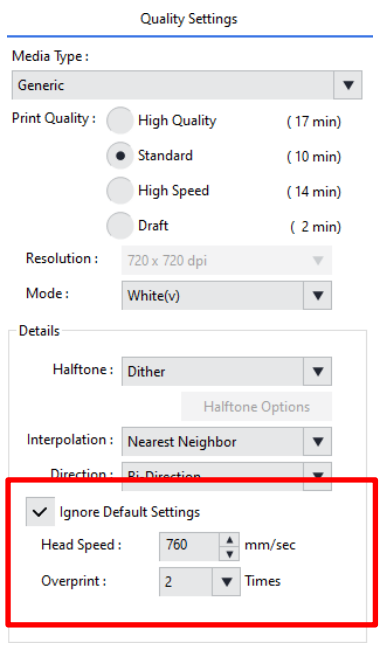
VersaWorks setup: Two Options for Gloss

Option AA

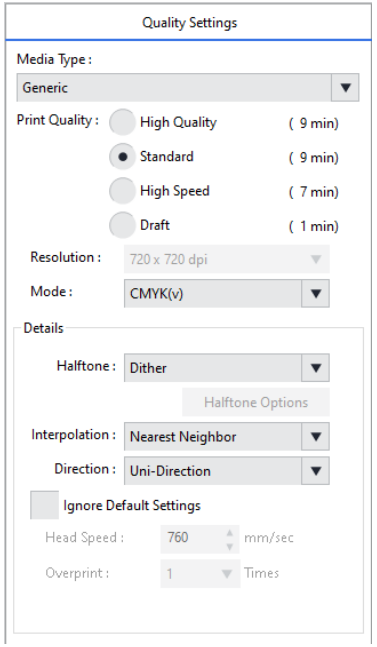
- 2 X white
- CMYK
- Matte

- Option B
  - 2 X White
  - CMYK
  - Gloss

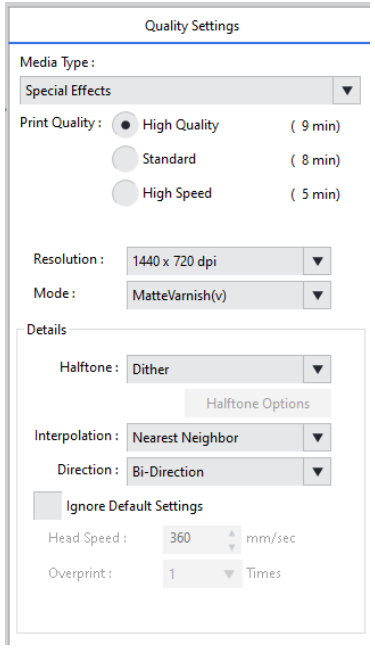
File 1: White

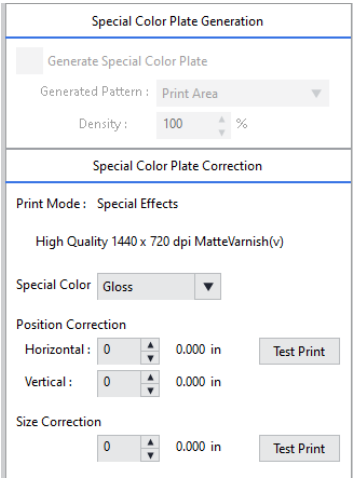


Duplicated from File1: CMYK



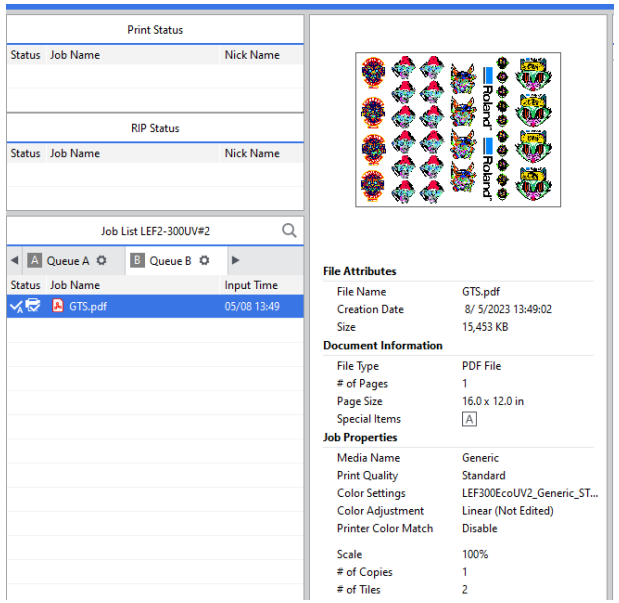
Duplicated from File1: Gloss



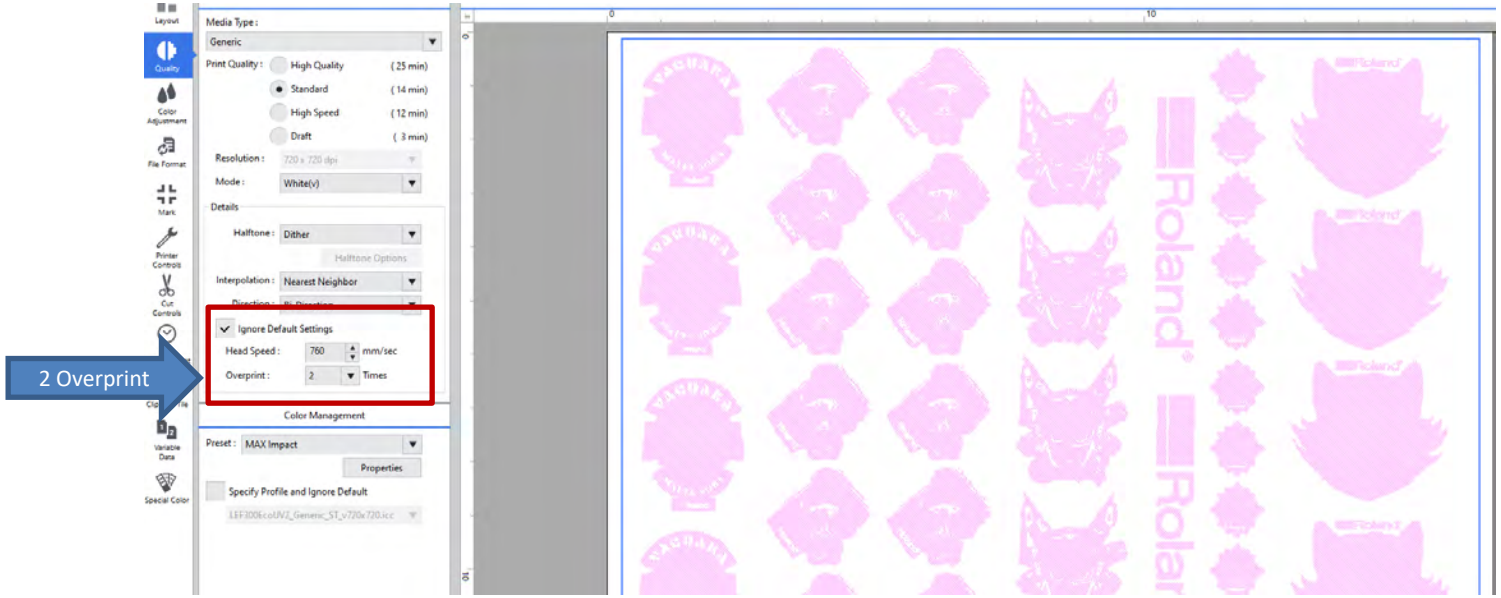


LEF Series + V-Bond VersaWorks

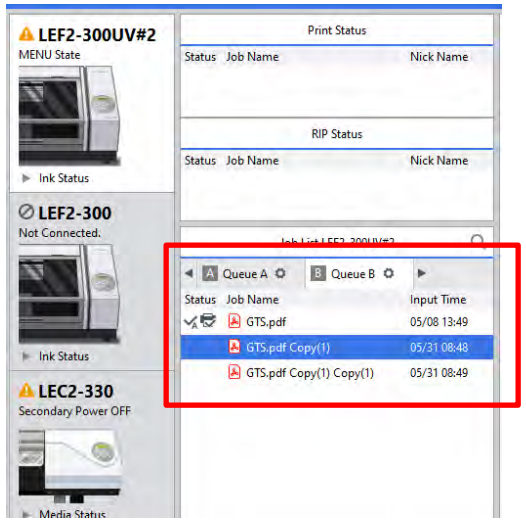
1. Import file



2. Setup/ layout and quality settings-White



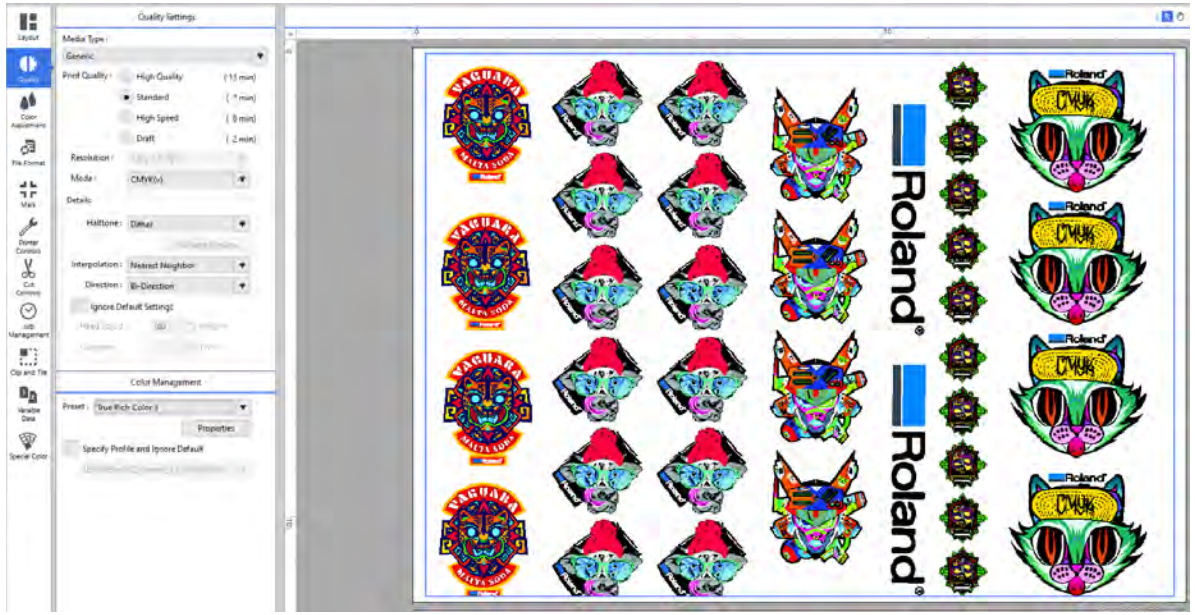
3. Duplicate file two times



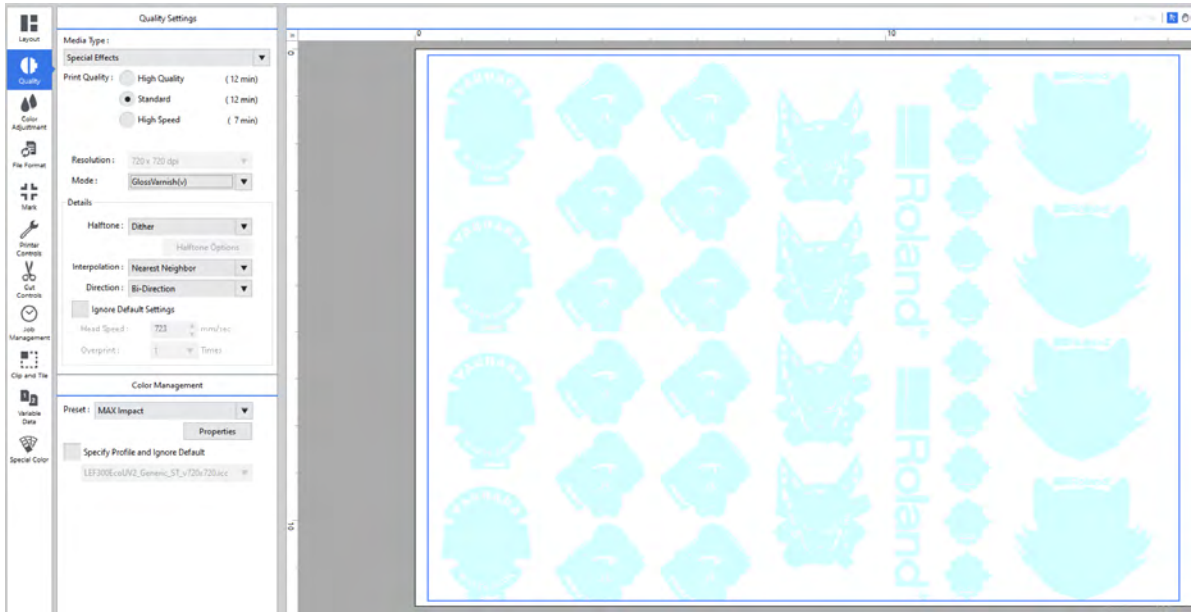
Three files

LEF Series + V-Bond VersaWorks

4. Second file, quality setting to CMYK

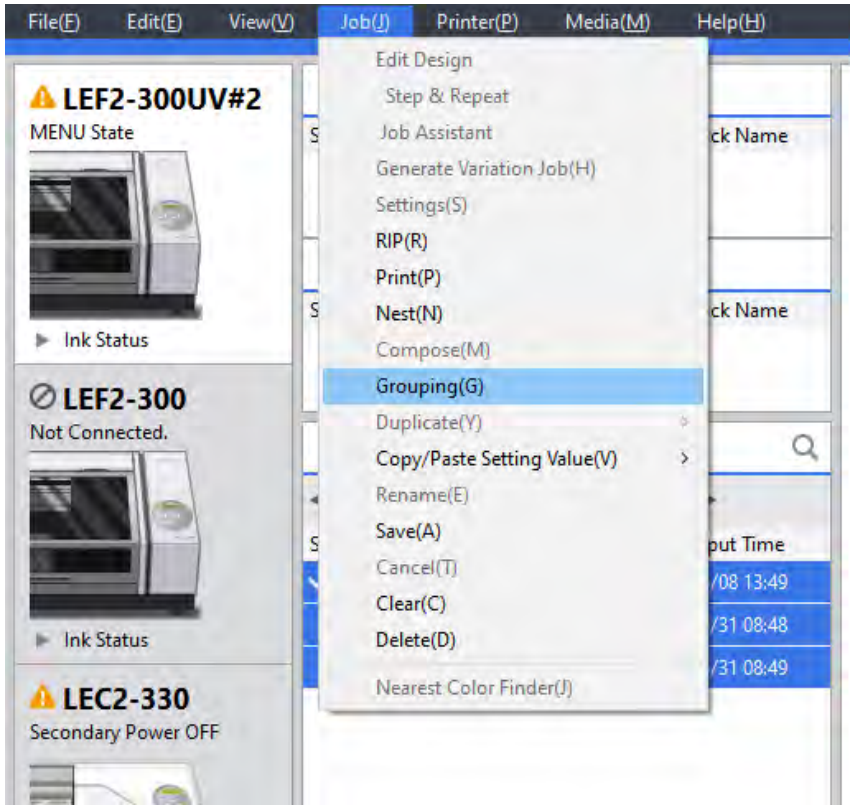


5. Third file, quality setting to Gloss, Or Matt finish

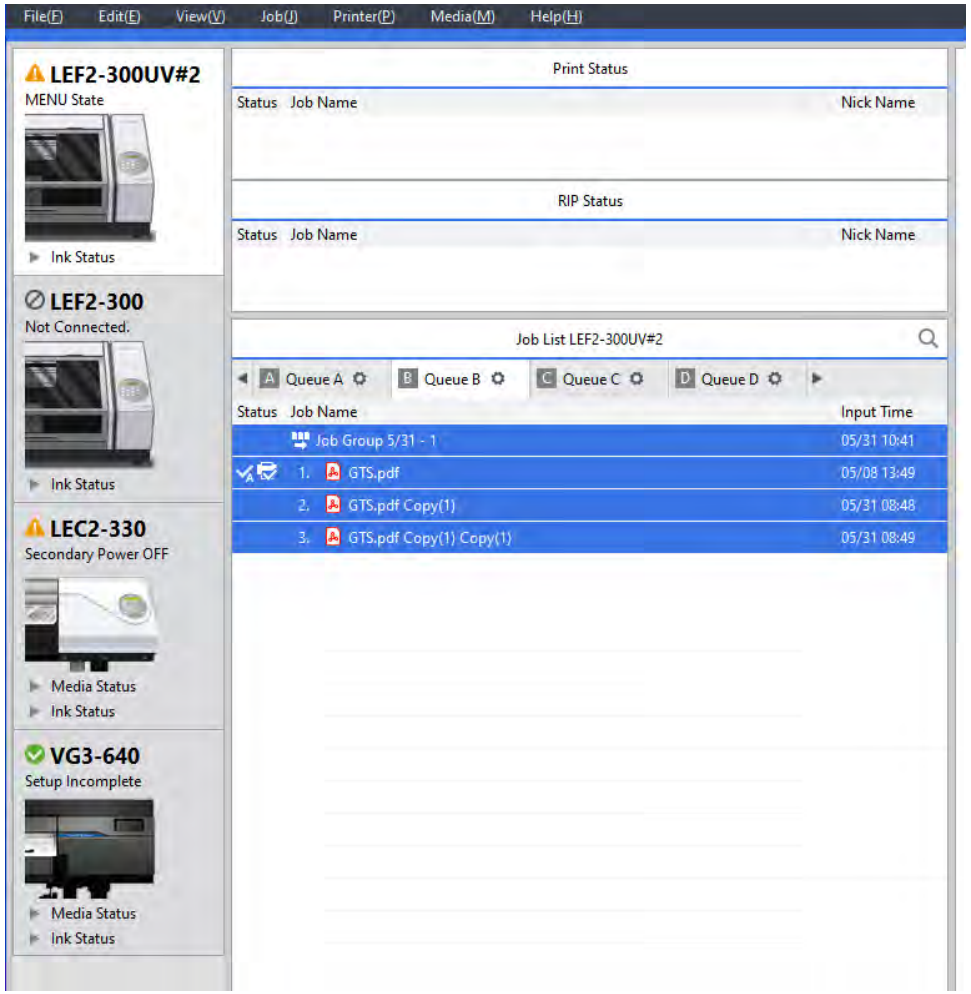


LEF Series + V-Bond VersaWorks

6. Select all three files and Group

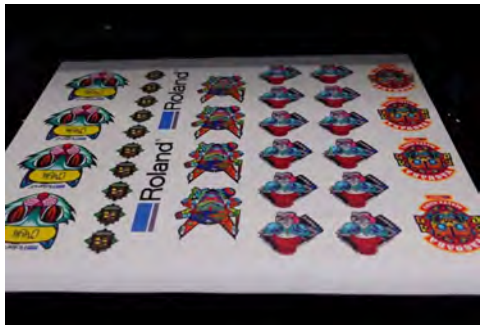


7. Once setup and grouped-You are ready to print



File 1: White

File 2: CMYK



File 3: GLOSS

Applying Decal to Your Object

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1. Peel back transfer sheet, with decal attached

2. Dispose of backing

3. Mount your decal- with Squeegee

4. Peel off the Transfer Sheet, Slowly

5. Discard the Transfer Sheet- Decal Applied

Applying Transfer film to Printer sheet

- The Transfer sheet can be applied with a laminator (optional) Or with a squeegee.

Tips

- Apply consistent Pressure
- Make sure the adhesive is covered

FAQ-Tips

Q: How do I know when to use GTS or print directly to an object?
A: Many objects can be printed on directly, however when challenged by uneven surfaces where the head can not be within 4Ml consistently, or adhesion is in question, such as on a glass, you can be the judge, and for those problematic surfaces, GTS makes it possible to achieve.

Q: Can I mount it to glass, and if I do, can it run through a dishwasher without falling off?
A: We recommend you test your product, as not all glass surfaces are the same. However, we have had great success and have run many tests successfully running glass, metal, and ceramic objects through the home-based dishwasher with no failure.

Q: Can I run these through an industrial dishwasher?
A: We have not tested this application, so we recommend testing. Most Industrial dishwashers run at extreme heat and have incredibly high pressure while rinsing, with could present issues and failure.

Q: Do I need to print the two overprints of white and follow the print method exactly as you instruct in this document?
A: You are not bound to our printing method; we are always ok with experimentation to develop your own methods. However, we have done extensive testing and development of this application and want to give you a successful baseline to start from.

Q: Can I use another ink type other than V-Bond?
A: We developed this method with V-Bond and have had the most consistent success with bond and adhesion with V-Bond; however, if you want to experiment or try other inks, that is up to you.

Q: The example in this guide does not have a lot of fine lines or small objects. Will it still work with finer detailed images?
A: Yes, we have been successful with small detailed images, but the more detail and smaller the image, the slower and more attention to peeling the transfer sheet must be done.

Tips:

1. When peeling fine detail elements, get a good mount, then peel away from the tip; always ensure the end has a good bond before peeling.
2. After you position your graphic, use a squeegee on the graphic only, don't apply too much mounting pressure to non-graphical areas of the transfer sheet.
3. Test your material before running a complete set of graphics, as some materials have better adhesion than others.
4. If you have an issue sticking one side of the graphic, try moving to another angle and peeling into the stubborn area.
5. Once an area of the graphic is bonded, the adhesive liner will tear around the object; therefore, don't use much pressure on the nongraphic site of the transfer sheet.

Q: What is the best way to add the transfer sheet to the print sheet?
A: It is essential to get a good solid bond with the graphic, and we feel a laminator is a more consistent way to achieve this. However, you can utilize a squeegee to bond the two materials.

Q: Is the Graphic flexible once it is released from the transfer sheet?
A: The nature of V-BOND ink is durability, which makes it not very flexible, so always test before the print run if you have concerns about expectations.

Q: How do I remove the excess adhesives left behind from the transfer sheet?
A: An adhesive remover such as Grafix Gone or goof off can work well, keeping in mind not to over-wipe on graphics.

Q: Can I Mount my graphic right after printing and applying the transfer sheet?
A: Yes, however, we have found that by allowing a bit of settling time in between print and mounting allows the release from the transfer sheet becomes easier.