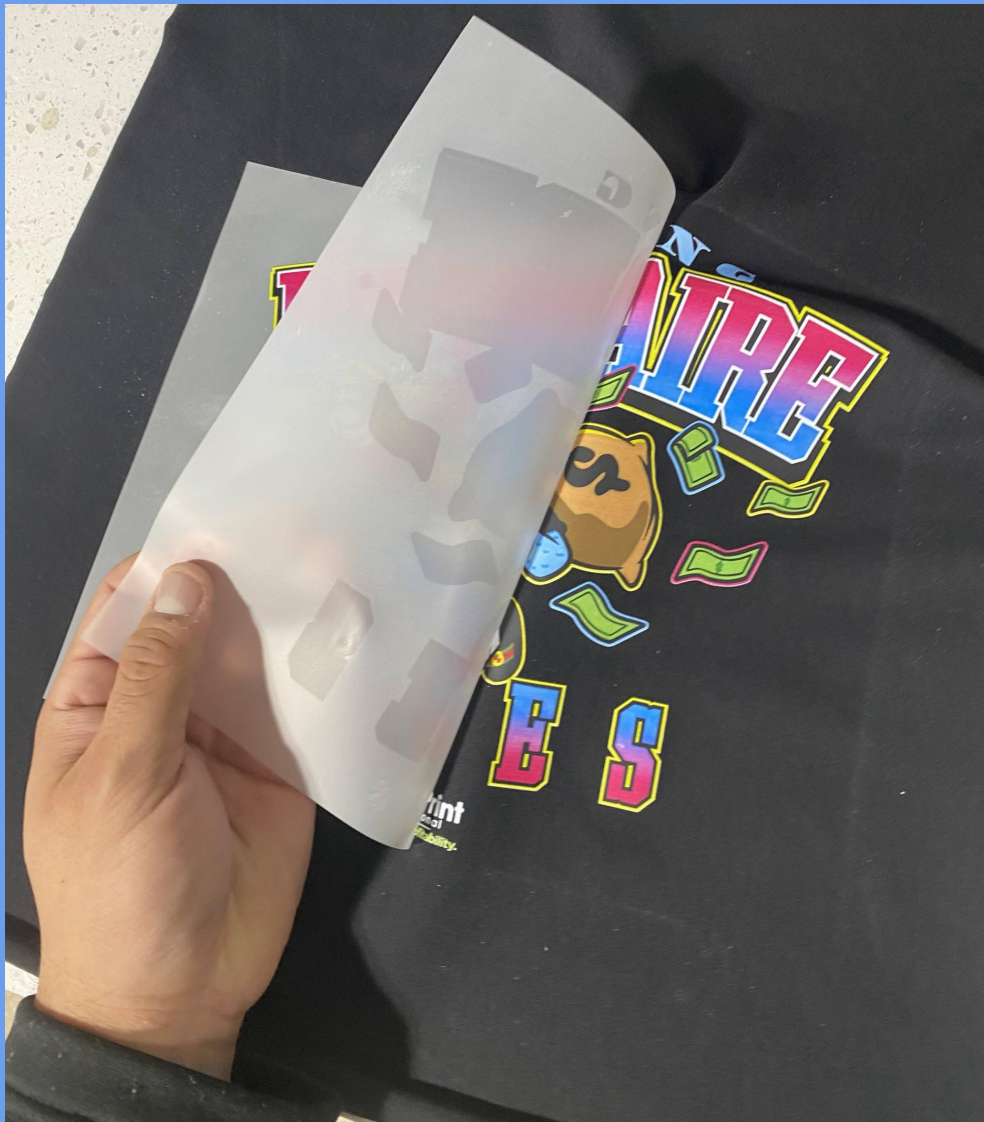


Direct To Film for Freejet



Supplies Needed

- Omni Transfer film (hot peel or cold peel)
- OmniPrint adhesive powder
- Application tray
- Squeegee (for clean up)
- Powder / duster applicator
- Heated platen (optional)

Things to know before starting

- a. The side of the film we will be printing on is the NON GLOSSY side, it looks like it has a frosted layer.
- b. Make sure while handling the paper that there is no moisture on your hands and fingers, the coating on the film releases with moisture of the ink or any type of moisture.
- c. The settings and application instructions are for Omniprints transfer sheet and ink, using other material or other inks will have different results.

Heated platen Option

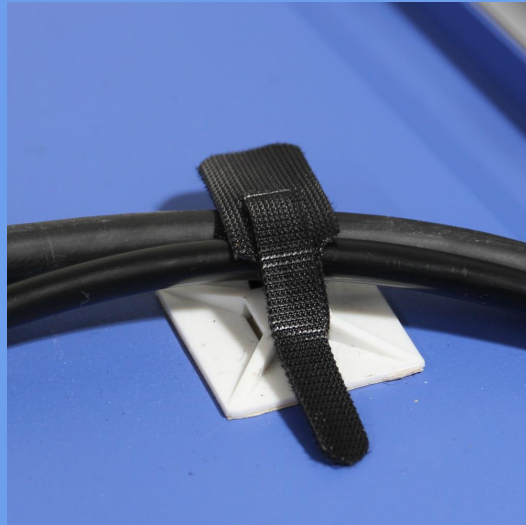
A good addition to the transfers is our heated / vacuum platen. This platen adds various benefits when printing direct to transfer films. This is a stand alone platen that will require an electric plug to operate the heating and vacuum element.

- Heated platen will allow ink to set and dry faster on film. If using alternative film from another supplier the results may not be same, by adding some heat to the film it will allow the ink to set and dry faster avoiding ink from running.
- Vacuum - The vacuum will work great to hold the sheet down to your platen. This is important in order to avoid head strikes or the film from moving when printing. This will also allow us to avoid using any tape to secure the film down.



Heated platen option

The heated platen will fit on your bed just like any other platen. Run the power cable and control cable through the rear like below.



Power switch will be located in the rear of the platen. Turning on the switch will start the vacuum fans and heat controller. The control will have a magnet in the back to be able to attach it to the side or front of the printer.



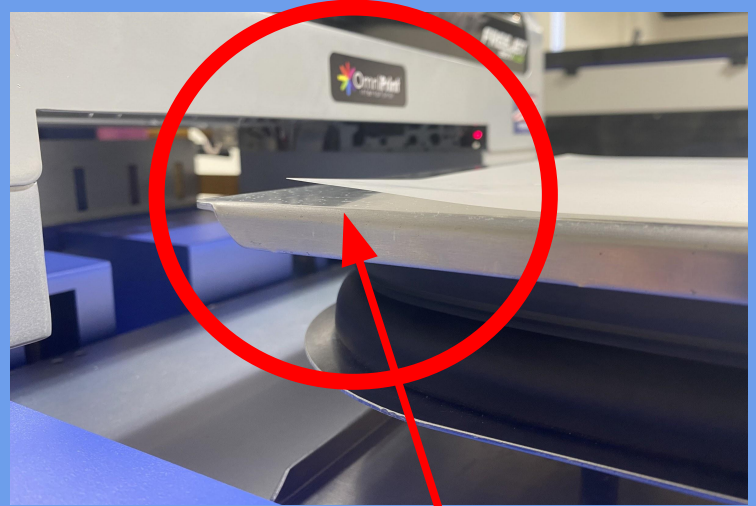
Placement of Film (if not using heated / vacuum platen)

The placement of the sheet will be based on your image. You can use some double sided tape to help secure the film down to the platen. It is every important that the corners or the film does not lift up during the printing process. A head strike or rub can occur if not properly set down and can result in damaging the print head.

Once your sheet is laying down flat you can set your height adjustment. Both the auto height or manual height are ok for adjustment.



Add some double sided tape to the corners or edges, above are some areas to look out for that may lift up.

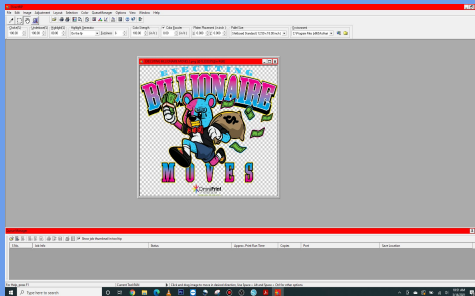


Look for lifted corners on the film, and place some double sided tape to keep it flat....very important !

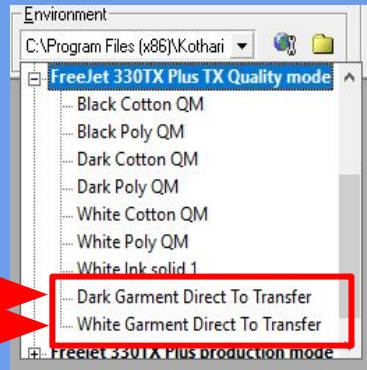
DirectRIP Settings

Using the provided DTF environments from OmniPrint, the settings will be automatically set with the exception of your placement and mirroring the image.

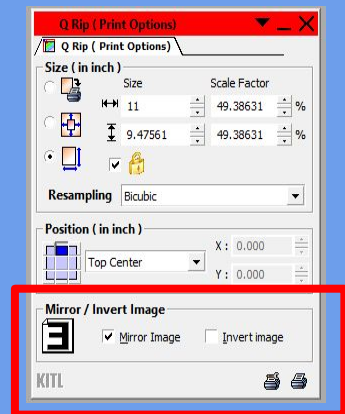
1. Load your image and place where necessary
2. Select your DTF environment
3. Mirror image! Don't forget to mirror your image.
4. Print preview your image and press print



Load image and place where necessary



Select a DTF environment



Don't forget to Mirror image in Qrip settings

If no environment is available you can use the following settings

For black or color t shirt

Dark Cotton Environment (1440x1440)

- White underbase % 70
- Color strength 65%
- Must set ink transfer layer order to : First color then white
- Mirror image

For white t shirt (1440x1440)

White Cotton Environment

- Color Strength :65%
- Must set ink transfer layer order to : First color then white
- Mirror image

Applying DTF powder

The powder application is an important step to getting a good final transfer. Use your tray to keep the powder contained. You can place your transfer sheet carefully on the tray, gently apply the powder evenly across your transfer using your application bottle see image below. Don't be afraid to pack the powder in real good, any excess will come off and can be reused. Shake off any excess powder

Inspect the powder on the print area making sure its fully covered. This part is important in order to have a good transfer.



After you are done look at your print and make sure the entire area has been covered with DTF powder, if you find any areas that still need glue you can reapply

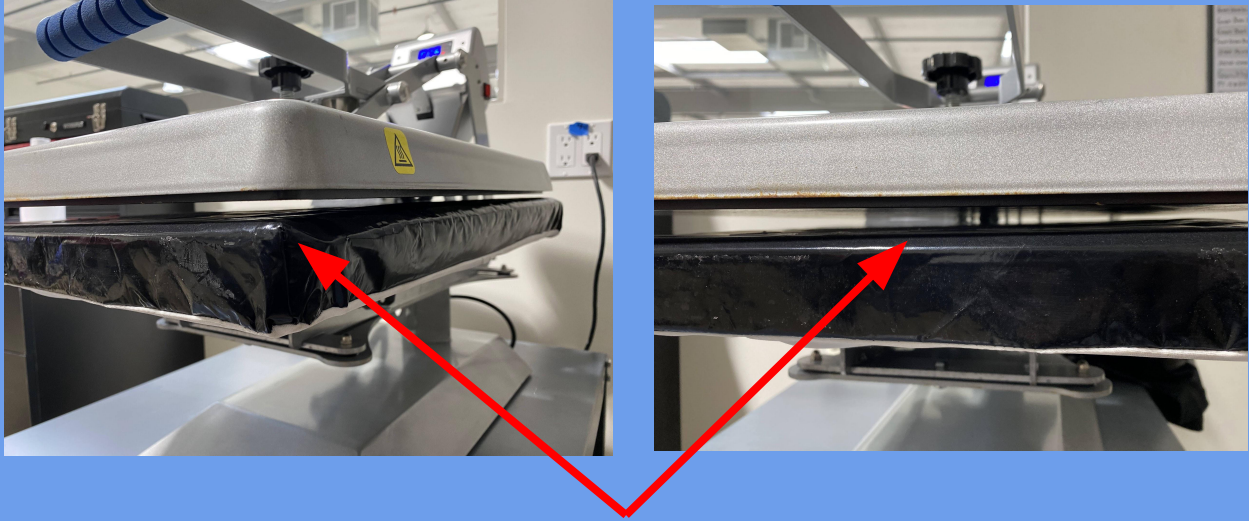


Melting glue

- Heat press temperature : 260 degrees
- Time - 3 minutes
- Hover only

After the powder has been applied you can set it on the heat press and lower the press until it sits 2-3 inches away from the sheet.

It's important that the heat press does not come in contact with the film. Let the heat press hover over the film for 3 minutes



Hover the press over the film making sure it does not touch. Hover for 3 minutes

Pressing Transfer to Garment

Heat press Temperature 260 degrees

Heat press pressure (Stahl's press) - 4-6 or medium pressure

Press time : 25 seconds

Pre-press your T-shirt for 10-15 seconds to get rid of any moisture or wrinkles

Pressing transfer : Press for the transfer for 25 seconds, and once pressed depending on what type of film you have, will decide how quickly you will remove the transfer film. If you are using hot peel film you can remove it while the film is still hot. If you are using cold peel film you will need to remove the shirt from the heat press , place the garment in a cool surface, once its cool you can remove the film.

Do not over press or press for longer time than needed.

