

CHEAT SHEET

Vinyl Cutting in the Makerspace



Adhesive Vinyl (commonly used as stickers)

- Design Text or objects that are easy to separate or weed.
 - San Serif fonts like Arial are simple. When converting font size from points to Inches remember 1 inch = 72 points. 12 point font will be 1/6" tall.
 - **Beginners: START WITH A SIMPLE FONT.**
- Remove and check the cutting blade in the Cameo to ensure blade is clean.
- Place adhesive vinyl paper side down onto the cut mat.
- In Silhouette Studio set the material to "Vinyl Smooth."
- send and cut the vinyl.
- After cut, DO NOT remove from machine. FIRST, use a push pin to ensure vinyl cuts separate (weed) easily. If not, adjust the blade one more setting deeper and repeat cut.
- Unload from machine.
- Separate (weed) the waste vinyl from the final product.
- Layer transfer tape on top of the vinyl. Smooth layers together to ensure contact.
- Remove transfer tape and vinyl from paper backing. Everything should cling to the transfer tape.
- Place the transfer tape and Vinyl on to your final product. Smooth layers together to ensure contact.
- Slowly remove the transfer tape.
- The item is complete. Adhesive vinyl is very durable and will last for the life of the product.
- Enjoy!

Heat Transfer Vinyl (Commonly used for T-Shirts)

- Design text or objects that are easy to separate or weed.
 - San Serif fonts like Arial are simple. When converting font size from points to Inches remember 1 inch = 72 points. 12 point font will be 1/8" tall.
 - **Beginners: START WITH A SIMPLE FONT.**
- ALWAYS remove and check the cutting blade to ensure blade is clean.
- ***Mirror all objects just before cutting (right click - flip horizontal, OR select "send as mirrored" when sending the file to the Cameo).***
- Place heat transfer vinyl shiny side down onto the cut mat. Use a push pin to ensure vinyl is on top and clear side is on the bottom.
- In Silhouette Studio Set the material to "heat transfer vinyl smooth."
- Send and cut the vinyl.
- Preheat the heat press. (305 degrees F)
- After cut, DO NOT remove from machine. Use a push pin to ensure vinyl cuts separate (weed) easily. If not, adjust the blade one more setting deeper and repeat cut.
- Unload from machine.
- Separate (weed) the waste vinyl from the final product.
- Iron a seam down the middle of your shirt to better locate the middle of the shirt.
- Place your vinyl clear/shiny side up.
- Press the design into your shirt. The handle should lock into position providing consistent pressure for 13 seconds.
- Release pressure and remove from heat press.
- Cool for 10 seconds.
- Remove clear layer.
- The item is complete. Heat transfer vinyl is very durable and will last for the life of the product.
- Enjoy!