

PRINTING DYNASUB, SUPERMETALS, & DECOSUB

Part # **SM419xSM / XP2152 / XP225x / XP226x / XP4220**

Sublimation Instructions

Gold and silver metal along with white non-Unisub metal is more susceptible to moisture than Unisub metal is. Therefore, for best results, some extra steps are necessary.

Instructions for Sublimating Most Non-Unisub Metals

The following items are recommended for the best results when printing on Dynasub, SuperMetals or Decosub:

- Flat Press
- Heat Tape
- Paper Towels
- Teflon Sheets or White Copy Paper



Sanwich metal between paper towels.

1. Set the temperature on the press to 390 degrees.
2. Print transfers using either the “Gold Metal”, “Silver Metal” or “White Metal” setting in the PowerDriver corresponding to the material used.
3. Remove protective film from the face of the metal.
4. Before applying the transfer and metal together, dry the transfer as much as possible. This is done by laying the transfer on the top of the heating element of the press for roughly 30 seconds. Or place the transfer under an open press for 5-10 seconds. This is simply to remove as much moisture from the transfer paper as possible before making the actual transfer. Once the transfer has been dried, it should be used within a few minutes. If more than ten minutes passes before making the transfer, the transfer can be dried again prior to use.
5. Using one or more paper towels, place a towel larger than the sheet of metal on the stage of the heat press.
6. Next, place the metal with the transfer taped to it face down (metal is facing down, transfer facing up) on the paper towel.
7. Place another paper towel(s) over the transfer and press.
8. Using medium pressure, press for 45-50 seconds as needed. Do not press any longer than is needed to obtain solid rich colors, especially black. Open press and allow to cool for 10 seconds before moving. Metal remains extremely hot. Metal can be moved by handling the transfer paper or by using a spatula.

9. Multiple pieces of metal can be imprinted at the same time to increase production. Be sure the entire area is sandwiched with paper towels. Do not overlap towels next to the face of the metal in that this will increase the pressure and alter color. If the image transfers correctly after pressing, but the finish of the metal plate appears mottled or hazy, lighten the pressure and/or reduce the temperature 10-15 degrees.



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