



## **SINGOLD NICKEL** **SOLVENT/LATEX PRINTABLE**

### **PRELIMINARY**

SignGold Nickel vinyl material has a 10 year limited warranty for indoor applications only. SignGold SOLVENT/LATEX PRINTABLE nickel material is compatible with solvent-based inks, including EcoSol Max, EcoSol, Full (High) Solvent and Lyson inks, and for use with most solvent ink and latex printers.

\*Always make a test print and cut first before proceeding with the job. Nickel **MUST** be applied DRY. Using fluid of any kind jeopardizes the material by introducing moisture which will tarnish the material over time.

### **STORAGE & HANDLING**

This material should be stored in its original packaging, including the protective plastic sleeve. Avoid handling the printable surface of the material as the residual oils in your skin can contaminate the surface causing poor printing quality and ink adhesion.

### **OPACITY**

The solvent/latex ink jet process is essentially a four color process and because of material's reflectivity, certain criteria must be taken into account. The printing process depends on the translucent qualities of the inks in order to achieve the endless array of color variations. Inks, other than black, will be translucent over the material and will allow beautiful effects to be achieved. Deep, beautiful "candy-color" effects are achievable. Just keep in mind that the opaque color effect will not happen with material compared to using white media due to the way the translucent inks work with the color underneath. Translucent inks need the white color media to enrich the ink color to make it vibrant and solid covering.

### **PRINT PROFILES**

When assigning a printer profile for the material, choose PREMIUM CAST GLOSS media profile. Extensive testing has shown that this generic profile will produce the desired translucent "candy-color" effects while still allowing for opaque blacks. When possible, always make a small test print on the material to check for color accuracy as the nickel can affect your color palette.

### **CUTTING**

Always make a test cut prior to proceeding with cutting the entire job. A 45 degree blade is recommended to help eliminate drag on the material as it is being cut. Make sure the blade is new or sharp. Do a test cut on a Helvetica Medium "A" or "N" to check for sharpness. **SEE REVERSE SIDE**

## 3RD PARTY CUTTING

When using the material in separate printer and cutter situations, you should be sure your equipment is capable of manual registration practices. Many cutters have optic sensors that locate printed registration marks, and use these registration marks to properly align printed media for contour cutting. Often these optic sensors have a difficult time locating the registration marks. These stand-alone cutters can usually be taken out of automatic mode and will accommodate manual registration mark location. A list of most major cutters is located at the end of this instruction sheet with contact information to assist you.

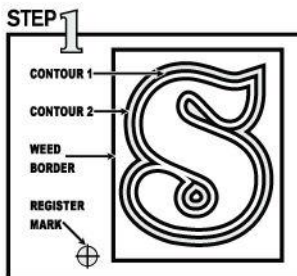
Some customers have tried printing the registration marks on standard white and then placed these registration marks over the ones on the gold. These marks must be placed in exact position to get a perfectly registered cut. Applying application tape holds the film in place to insure a nice print and cut piece of work. This procedure keeps the reflectivity from interfering with the optic sensors.

## LAMINATION & SEALING

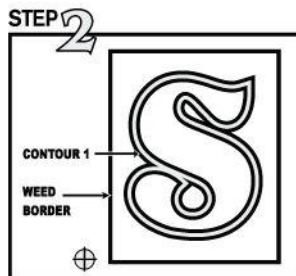
Laminating your print is a very important part of the job. Printing inks need protection against abrasion and UV. The sketch below shows how to achieve a successful overlap.

### LAMINATE OVERLAP

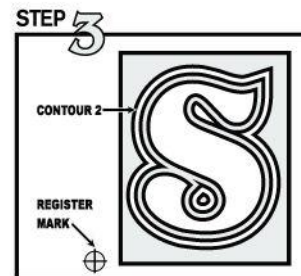
#### CREATE A 1/4" LAMINATE OVERLAP IN 3 EASY STEPS



**STEP 1**  
When designing, assign two (2) contour cuts, with the second (outer) contour .25" outside of the inner contour. Also, assign a weed border and print your register marks OUTSIDE this weed border.



**STEP 2**  
After printing, make your contour cut on the inner (#1) contour as well as your weed border. Weed as usual, leaving your register marks intact on the media, outside the weed border. After weeding, laminate your print.



**STEP 3**  
After laminating, re-align your media back in your cutter using your register marks, and make a second contour cut, using contour #2. Weed a second time, and you now have a .25" laminate overlap on your print.

Recommended laminates: Quick Clear Tedlar® Laminate, 3M 8519, 3M 8528 and OraCal 290. Other laminates may be fine but test first. Note that some laminates are 5 year products and some 8-9 year products-- Choose wisely for your expected durability requirements. Do not use calendered laminates with SignGold products. Use the best high performance clear laminate possible.

**Limited Warranty:** Quick Roll Leaf Mfg., Co. SignGold products are sold with the understanding that the buyer determines product adaptability for the intended use and test prior to actual use. Quick Roll Leaf Mfg., Co.'s obligation under this warranty is limited to the replacement of SignGold products solely, and will not be liable for any expense, damage, loss or consequential damages of any kind from use or inability to use SignGold products. THIS WARRANTY IS VOID IF THE PRODUCT HAS BEEN SUBJECTED TO ABUSE OR IMPROPER CARE.