



## SignGold .999 SILVER & NICKEL

### PRELIMINARY

SignGold .999 Silver & Nickel film can be cut with many plotters on the market. This authentic Silver or Nickel material is NOT warranted for use outside. Having said that, many signmakers are using it outside on fire trucks, boats, and signs of all kinds. The key to using it outdoors is making sure no moisture gets behind or into the edges of the Silver or Nickel. Read the SEALING AND FINISHING section below for important details. Our .999 Silver & Nickel has a 10 year limited warranty for indoor applications as long as all technical information is followed.

\*This is a **NON-PRINTABLE** product.

### CUTTING

Always make a "test cut" before cutting, at least until you have become familiar with SignGold .999 silver & nickel properties.

ALWAYS USE A SHARP BLADE. Cutting an upper case Helvetica "A" or "N" serves as a great test for blade sharpness.

A standard angle blade used for cutting standard PVC vinyl is fine; no special blade is needed. Our silver and nickel product cuts and weeds as good or better than high performance cast vinyl.

Never cut silver or nickel too deep...Just apply enough pressure to kiss-cut the material so weeding is easy. Cutting too deep into the poly-liner can cause the adhesive to settle into the cuts thus causing difficulty in getting the silver to release from the liner.

Never allow silver or nickel to be rolled backwards (with the release liner to the outside). Try to keep the material flat as it goes through your cutter to minimize the chance of tunneling. Always cut material at room temperature and do not cut material during cold temperatures (below 50 degrees) as premature release from the liner resulting in tunneling may occur.

### WEEDING

Weeding SignGold silver or nickel is actually easier than weeding many high performance vinyls. It is recommended that you weed your job immediately after cutting. Do not leave for the next day.

### **SEE REVERSE SIDE**

## **APPLICATION**

SignGold Silver and Nickel MUST be applied DRY. Using fluid of any kind jeopardizes the material by introducing moisture which will tarnish the material over time.

Use a "medium to high" tack application tape on letters or graphics taller than 8 inches; a "high" tack tape is recommended on letters or graphics shorter than 8 inches. Using a translucent application tape with medium tack will make registration to your outline easier.

To insure good adhesion on vehicles, SignGold Silver & Nickel are best applied over high performance cast vinyl. On dark colored vehicles, high performance cast vinyl is highly suggested under SignGold film. If it is necessary to remove SignGold later, it comes off easier because the high performance cast material is underneath it.

**NEVER APPLY SILVER OR NICKEL MATERIAL OVER WATER-BASED OR LATEX FINISHES.**

When applying SignGold Silver & Nickel to acrylic or polycarbonate sheets, remove the substrate protective sheeting and allow surface to outgas at least 24 hours before applying the SignGold product.

When applying SignGold Silver & Nickel over wood or HDU (high-density urethane), the surface must be sealed using an oil-based or epoxy coating to restrict moisture exposure from behind the silver or nickel;. We recommend West Systems Epoxy #105 Resin with the appropriate hardner.

## **SEALING & FINISHING**

SignGold Silver & Nickel must be protected extremely well (around the edges in particular) to keep out ANY moisture. Our SignGold Silver & Nickel are protected with an excellent clear (PVF Film) on the surface. Used inside or outside, silver & nickel must be edge sealed completely.

EDGE SEALING WITH ONE SHOT 4005 or 3M Edge Sealer 3950 IS REQUIRED; edge seal using a traditional brush application to achieve best coverage and protection. Use a liberal coating to insure .999 Silver or Genuine Nickel edges are COMPLETELY sealed to the vehicle background or vinyl, if an outline is used.

Completely laminating the SignGold Silver & Nickel is one choice to protect against moisture attacking the silver or nickel. Quick Clear Tedlar® Laminate is recommended to be used by overlapping edge 1/4" to act as an edge seal. 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.

**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.