

USING CERMARK METAL MARKING SOLUTION

Pearl White and Bright Copper

The CerMark Metal Marking Solution will create a Pearl White or Bright Copper color engraving on metal using a Co2 laser. The process works like ceramic glaze in that the laser heats the CerMark Solution and causes it to change color and soak into the metal surface. Metals that can be used are Stainless Steel, Chrome, Aircraft Grade Aluminum, Parkerized steel used on gun parts and much more.

This solution is a liquid and is ready to spray onto metal. The metallic nature of the Pearl White and Bright Copper will not allow them to be brushed on. It requires application onto metal using an airbrush, small cup sprayer or the Spray Tool Kit (XUS 007).

- Start with clean, uncoated metal. Remove any oil or grease with alcohol or spirits.
- CerMark Spray is ready to apply, no diluting or mixing is necessary. Before filling your sprayer, the liquid needs to be filtered thru a regular Paint strainer which can be purchased at any paint or home decorating center. Spray on a medium and consistent coating rather than a thick and heavy one.
- Allow 15-20 minutes for the coating on the metal to air dry. Once dry, the CerMark Solution turns a lighter color.
- Engrave the coated metal area using settings of 100% power and a speed setting equivalent to your laser's rated power. For example, if you have a 25-watt laser system, use a speed of 25%, if you have a 40-watt system; use a speed of 40%.
- After engraving, wash the unused coating off the metal using water. A soft brush helps to speed the cleaning process.



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