

TECH TIP

CerMark Metal Marking Frequently Asked Questions



CerMark Products

Q: After engraving on my uncoated metal, why did the engraved portion wash off and fail to bond to the metal?

A: CerMark process is a thermal bonding process which requires the heat energy from the laser. Double check that you are using maximum power and exact focus. Reduction of the speed setting will enhance the bonding process.

Q: Is this material safe to use?

A: When spraying or brushing on, use as a paint product. Do not spray in a confined area. CerMark does not contain cadmium. CerMark materials are safe when used properly.

Q: CerMark works on stainless steel, but won't bond to chrome?

A: Reduce your speed setting 10 to 15 percent for chrome.

Q: What should we use to remove the UN-engraved CerMark?

A: Water and a soft nylon scrub brush.

Q: How durable is the CerMark engraving?

A: Please refer to the CerMark Durability Test information located on the Tech Tips page of our website: www.laserbits.com.

Q: On what materials can CerMark be used?

A: Stainless steel, tool steel, brass, chrome, aircraft grade aluminum, pewter and titanium. It's important to remember, brass requires more power - at least a 50 watt laser and some products, such as sterling silver, will require testing.



Stainless Steel Beverage Mug

LaserBits™

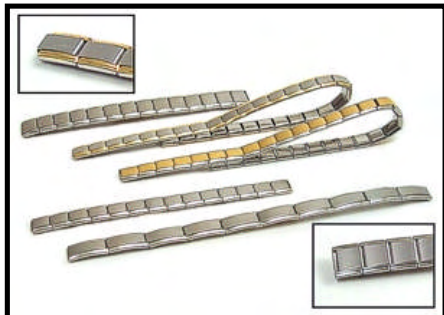
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Q: What will CerMark NOT work on?

A: CerMark will not work on trophy brass, copper, gold (10k, 14k, 18k, 24k) and silver plated gifts. Also, no clear coated or anodized metals.



Italian Charm Bracelets

Q: Does CerMark come in other colors?

A: Yes - Pearl White & Bright Copper.

Q: Where can I find the MSDS sheets?

A: Please refer to the Tech Tips section of our website: www.laserbits.com.

Q: How much area can be covered with the different CerMark applications (Spray and Solutions)?

A: The CerMark Spray will cover 1100+ square inches. The 250 and 500 gram CerMark Solutions will cover 2500+ and 5000+ square inches respectively.

Q: How thick should the CerMark be applied to the metal?

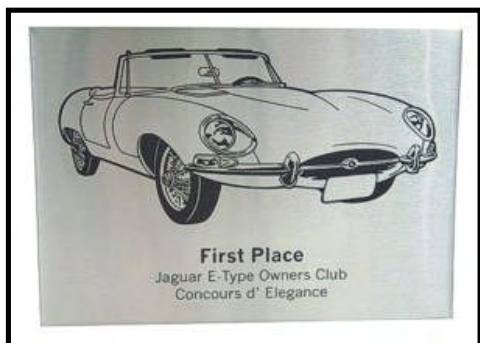
A: Start with a light coat, making sure the color of the metal doesn't show through.

Q: What is the average shelf life of the CerMark solution and spray can?

A: One year.



Stainless Steel
License Plate Holder



Techline Stainless Steel Plates

Q: What do I use to dilute the CerMark Solution?

A: Use two parts denatured alcohol to one part CerMark Solution for spraying application and one part denatured alcohol to one part CerMark Solution for brush on applications.

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