

Worldwide Laser Introduces Laser Marking Plastic Applications with Color Contrast with No Additives or Sprays

Worldwide Laser shows laser marking plastic applications with color contrast with no additives or sprays. Worldwide Laser offers complete turnkey laser systems for laser marking and laser cutting on any product or material.

Gilbert, AZ ([PRWEB](#)) May 27, 2009 -- Worldwide Laser demonstrates color contrasting laser marking on plastic without additives or sprays which eliminate inks, pad printing, and paper labels.

Laser marking pics right: plastic green fuse, plastic clear bottle, plastic black bottle.

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Worldwide Laser is a laser system builder for laser marking and laser cutting systems. Contact us at 480.892.8566 option 5 or fax 480.497.9661

In this newsletter read about [laser marking plastic](#) with color contrast with no additives or sprays. The laser experts at Worldwide Laser can provide a laser system for existing production lines or equipment or build a complete turn key laser system for your operations.

Laser marking systems from Worldwide Laser allow direct laser marking on plastic and produce a color contrast on almost any plastic surface. The laser marking systems from Worldwide Laser are eco-friendly and protect the environment because they eliminate inks, chemicals, solvents, and other harsh chemicals which are damaging to the environment. Laser marking systems from Worldwide Laser are also beneficial to your company profits and cash flow as laser marking systems have no requirements for consumables and once installed operate for four to six years with no maintenance expense or costs. Look below for some examples of color contrasted laser marking on plastic completed by the LP9000U series of UV lasers from Worldwide Laser.

In this application, the LP9000U UV laser marking system from Worldwide Laser was used to laser mark a black plastic bottle replacing a paper label (protecting the environment by eliminating the paper label itself, the ink used to print the label, and the glues/solvents used to apply the label demonstrating again how laser marking systems from Worldwide Laser are eco-friendly and environmentally sound). The LP9000U 355nm laser marking system comes equipped with laser, 355nm galvo head, and Worldwide Laser controller software Zap-IT. The laser mark shown here was completed in approximately 4 seconds. Please note the level of detail and clarity in the mark and graphic logo. Video of this plastic laser marking can be viewed at <http://www.wlsc.com/laser-marking-etching/blast/14/video/>

The laser systems division of Worldwide Laser can build a complete laser marking system or provide a new laser marking 355nm UV LP9000 for integration onto existing lines or equipment.

In this application, a 355nm UV laser system was used to [laser mark plastic](#) replacing ink pad printing. The use of laser marking to replace ink pad printing has many advantages some of which are elimination of costly and environmental unfriendly inks and solvents. Also the laser marking system allows for instant artwork changes in case the items being printed are required to change and this is done with a simple click of the mouse using Zap-IT

laser controller software. The 355nm laser marking systems will not damage or etch the surface of the products producing a smooth surface with permanent non-removal laser marking on plastic. This plastic laser marking was completed in less than 2 seconds utilizing a galvo head and Worldwide Laser controller software Zap-IT. For this application of laser marking plastic the parts are in several different colors, red, green, white, and yellow video of the 355nm LP9000U laser marking plastic fuses can be viewed at <http://www.wlsc.com/laser-marking-etching/blast/14/video/>.

In this application Worldwide Laser demonstrates laser marking with a UV 355nm LP9000U series laser on a plastic lens used in the optics industry. The use of the 355nm laser marking system from Worldwide Laser allows the plastic lens to be marked without etching or trenching into the surface of the lens thus protecting the product while providing a permanent non-removable color contrasting plastic laser marking result. The laser marking process also eliminates the traditional methods of product identification such as ink or paper labels thereby creating a sustainable eco friendly manufacturing process. The 355nm laser used in this application was coupled with a galvo head and Worldwide Laser controller software Zap-IT. The plastic laser marking application was completed in approximately 1 second. The video can be viewed at <http://www.wlsc.com/laser-marking-etching/blast/14/video/> This plastic laser marking system can mark standard and 2-D (data matrix) bar codes which can be machine read to assist in product recalls and manufacturing process flow.

The laser system experts at Worldwide Laser can design, build, and install a complete turnkey laser system for your plastic laser marking requirements. Contact Worldwide Laser Voice 480.892.8566 option 5 or Fax 480.497.9661.

About Worldwide Laser:

Worldwide Laser headquartered in Gilbert Arizona and founded in July of 1986 builds laser cutting, laser marking, and laser etching systems; types of systems are Co2, YAG, Fiber and UV. Worldwide Laser systems have wavelengths of 9300 and 10600 nm for Co2 1064 nm for YAG 1067 nm for Fiber and 355 nm for UV. Worldwide Laser systems are either galvo head or fixed beam systems. The lasers start at 10 watts up to 500 watts and can cut, mark and etch almost any product.

Worldwide Laser is one of the only remaining manufacturers of T.E.A. mask Co2 series lasers (The LP2000 Series) which can be driven either by spark gaps or thyratrons. In the mask T.E.A. business Worldwide Laser is one of the leading suppliers for new and refurbished parts or beam delivery components for Lumonics Laser Mark Series and also for refurbished Lumonics Laser Mark lasers. Co2 lasers from Worldwide Laser either sealed beam or T.E.A. Co2 can be utilized for high speed high quality laser marking or laser cutting.

Worldwide Laser provides the laser for integration into existing equipment/production lines or can design and build a complete turn key laser system to meet your company requirements.

Worldwide Laser has customers and offices in 12 countries on 3 continents in addition to the United States and a full range of product handling systems with technical support staff and installation engineers.

Worldwide Laser offers custom laser controller software & laser consulting for our Co2, YAG, Fiber, & UV laser systems. For more information about Worldwide Laser call 480.892.8566 option 5 or visit our web site www.wlsc.com.

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