

CO2 Laser Plates

Laser Plates by Inkcups Now bring simplicity & repeatability to the making of pad printing plates:

- As the pioneer of computer-to-plate technology in the pad printing industry, Inkcups Now holds patents on the various plate materials and has developed the largest selection of laser plates, specifically designed to accommodate varying applications and pad printing machine types.
- Unlike traditional plate-making with photosensitive plates, laser plate-making is a computer-to-plate process, which does not involve film positives or chemicals. Laser Plates enable first generation etching with exceptional depth and halftone control and are ready within just a few minutes.
- ICN Laser Plates are designed to be etched with CO2 or YAG lasers. They can be used on our Cobalt laser systems or nearly any industry standard laser engraver, provided it has up-to-date software, small spot size and quality power control.



CrystaLAZE Plates - for CO2 Laser

- Accepts any type of graphic
- Hold better detail - etch with lower power
- Finest detailed etch - small dot size
- No sensitivity to heat and humidity



AccuLaze Plates - for CO2 & YAG Lasers

- Fixed depth of .00085" (20 microns)
- Perfect for fine lines, small graphics and process images
- Double sided plates - can hold up to 4 images
- Each side will withstand up to 15,000 impressions



Premium Laser Gold Plates - for CO2 Laser

- 0.029 Inch thick
- Glossy finish which facilitates clean doctoring
- Accepts any type of graphic
- Will withstand up to 40,000 impressions



Premium Laser Orange Plates - for CO2 Laser

- 0.019 Inch thick
- It is a hard material - perfect for fine lines and details
- Accepts any type of graphic
- Runs on various machines with different types of cups, rings or doctor blades
- Will withstand up to 30,000 impressions



Premium Laser Red Plates - for CO2 Laser

- 0.020 Inch thick
- Accepts any type of graphic
- The hardest of CO2 plate materials by Inkcups Now
- Durable - excellent for the use with both ceramic and steel rings
- Will withstand up to 100,000 impressions

YAG Laser Plates



Cobalt Plates

The Cobalt is our most diverse plate material. All types of Cobalt plates are designed to accommodate a broad range of graphics, from bold images to fine lines. Cobalt's proprietary coating is held to extremely tight tolerance for guaranteed depth control, which enables consistent laser settings from batch to batch. The surface finish of the Cobalt plates is high gloss for excellent plate clearing; dot pattern control is easily achieved for exceptional print quality.



Standard Cobalt Plates

The Standard Cobalt plate material works very well for any type of graphics. The thickness of this material is ideal for the use with magnetic ink cups. The plates are designed to flex into the ink cup creating a perfect seal on the inner edge of the ceramic ring.

The Standard Cobalt plates are 0.012" thick and can be etched on both sides for up to four images per plate. The life of a plate is approximately 15,000-20,000 impressions.



Cobalt Ultra Plates

The new Cobalt Ultra plate material is thicker than Standard Cobalt, resulting in improved resistance to damage and longer life. Increased thickness also leads to increased stability and makes these plates ideal for large bold images as well as for the use with non-magnetic ink cups and ink cups with steel rings.

These double-sided plates are 0.016" thick and have a life of approximately 15,000-20,000 impressions.



Cobalt Steel Back Plates

Inkcups Now's most recent innovation is the Cobalt Steel Back plate material. Having the same universal applicability as the whole Cobalt family of plates, it is the thickest and the most durable of them. It is perfect for extended production runs. As an additional benefit, these plates work great with both magnetic and non-magnetic ink cups as they combine the stability of the Cobalt Ultra and steel backing.

This unique laser plate material is 0.030" thick. It is able to withstand approximately 30,000 impressions.

