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Versatility the Key with CO₂ Lasers

Every business dreams of knowing that when a customer walks into your business, you will be able to tell them that you have the ability to complete almost any job in-house. There is nothing more frustrating than having to turn down jobs or send projects to third parties where you can't control the quality or timeframe of the project because you lack the ability to work with a wide variety of materials. The large number of engravable products that are compatible with a CO₂ laser can put you in control of your selling process!

Versatility is the key benefit of expanding your business with a CO₂ laser. The list of engravable materials is seemingly never ending. In addition to the "bread-and butter" materials like wood, acrylic, glass, coated metals, etc, we hear daily from customers who have developed new and unique uses for their laser. Whether it is engraving on a colorful agate stone, inlaying Corian® in wood, or cutting matte board for art projects, the ability to work with so many different materials allows our customers to come up with new and interesting applications daily!

One of the most exciting new products is Lasertile from 3Score, Inc. The specially made glaze on the tile is laser sensitive, so engraving with a CO₂ laser creates rich black tones that are perfect for photos, text and graphics. LaserTile is a floor quality tile so it is durable and suitable for indoor or outdoor applications.

AlumaMARK™ is a new CO₂ laser engravable aluminum media that is either silver or gold coated and has the exclusive characteristic of engraving black when exposed to a CO₂ laser beam. The lasered aluminum sheets feel smooth to the touch, the image has impressive resolution quality, and the gold/black or silver/black color combination adds a rich look that is not available with any other CO₂ laser compatible materials.

A great way to expand the number of materials you can engrave is by using CerMark™ metal marking spray. In a simple, three step process you can permanently mark stainless steel, titanium and chrome with company logos, personalized names and bar codes. Available in a spray can or in a mixable powder, coat the piece you are working with, engrave your image, and wash off the excess. You are left with a permanent black mark that will survive scratching, lubricants, salt water spray and abrasion tests. Adding the ability to engrave metal with a low-cost CO₂ laser is an excellent way to expand your business by targeting manufacturing companies that want to outsource etching logos, P/N's or bar codes on their products.

Almost every person is in the market for laser engraved products. Whether it is an engraved souvenir, a corporate award or a special gift for a family member, at one point or another, everyone has purchased a laser engraved item. If you have a material you would like to experiment with and you want to know how it will look when laser engraved, contact Epilog's Applications Lab at +1 303 277 1188, or by e-mailing sales@epiloglaser.com. Our experienced laser technicians will test your material on our various models to show you exactly how the material engraves, the engraving time, and the best laser wattage to achieve the desired results.