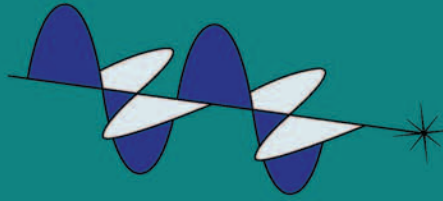
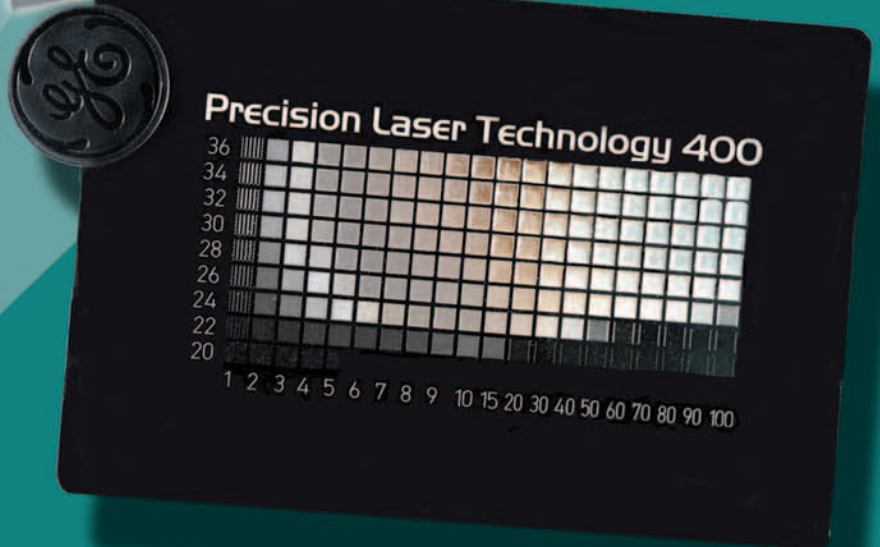


PLT



PRECISION LASER TECHNOLOGY

Enhancing the Quality of Industrial Engraving



MOLD ENGRAVING | CONTRACT PART MARKING
MICRO-MACHINING | LASER TEXTURING | 3D ENGRAVING

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PRECISION LASER TECHNOLOGY
PART MARKING PLASTIC - SERVICE SHEET

ABOUT PLT: Precision Laser Technology is a leader in laser engraving technology and services providing precision quality etching to customers worldwide. PLT combines digital imagery and proven laser solutions to engrave molds for injection and blow molding applications; manufactured components and parts for identification reading and traceability, and various substrates for decorative and promotional markings.

PART MARKING: PLT extends its laser technologies to marking plastic, ceramic, leather and anodized materials. Our technology and variable process flexibility allow the ability to increase marking speeds that yield shorter turnaround time to the end user and draw greater precision for enhanced quality.

PLASTICS: For applying aesthetic, permanent features on plastic, laser marking has become a welcomed alternative from existing printing and silk-screening applications. Within the plastic, the laser's radiation is absorbed by the polymer and converted to a thermal energy. Given the vast portfolio of plastic make-up, this thermal energy will react in a variety of marking fashions on the surface...

Foaming: The release of small gas bubbles, which scatter light for a lighter surface mark.

Charring / Carbonization: Thermal degradation of the plastic resulting in a darker mark.

Ablation / Engraving: The removal of a single or multiple surface layers creating a dark impression within the material.

Our R&D resources are extended to formulate the right laser solution for a sharper, more vivid image - marking samples are shared for design and quality assessment. PLT provides cost-effective part marking services regardless of the parts growth stage. Our advisory services are extended for complete in-line marking integration.

MATERIALS:

Plastic	Titanium
Aluminum	Wood
Steel	Acrylic
Copper	Ceramic
Brass	Rubber

INDUSTRIES:

Medical
 Optics
 Aerospace
 Defense
 Automotive
 Micro-Electronics
 Ad Specialty

MARKING DETAILS:

2D and 3D Barcodes
 Logo's and Graphics
 Product Data
 Lot and Date Codes
 Serialization

SERVICE & SUPPORT...

Technical service team
 available 24/7.

QUALITY...

Over 15 years of
 laser engraving experience.

PRICE...

Our cost savings are
 your profit.

ON-TIME DELIVERY...

Orders returned 72 hours
 from receipt guaranteed.

Enhancing the Quality of Industrial Engraving