

LASER ENGRAVING MATERIAL USAGE

DREMEL LC40 LASER CUTTER COMMONLY USED MATERIALS*

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|----------------------|-----------------|-----------------------------|-----------------------|
| • Acrylic† | • Cardboard | • Glass | • Oak, solid |
| • Aluminum, anodized | • Cotton fabric | • Leather, vegetable tanned | • Paper |
| • Plywood*† | • Denim fabric | • Maple, solid | • Rubber, laser grade |
| • Cork | • Felt (wool) | • Mat Board | • Walnut, solid |

* Must be California 93120 Phase 2 & TSCA Title VI compliant for formaldehyde

† Birch and walnut Plywood and Acrylic are available from Dremel.

**When using materials other than those commonly used, ask the manufacturer for the SDS (Safety Data Sheet) for each material.

DREMEL LC40 LASER CUTTER PROHIBITED MATERIALS

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| • ABS | • Painted material, varnished materials |
| • Beryllium oxide | • Particleboard, paneling |
| • Carbon | • Polycarbonate |
| • Chlorinated plastics | • Polychloroprene (CR or chloroprene rubber, marketed under the brand name of Neoprene) |
| • Coated carbon fiber | • Polypropylene foam, Polypropylene sheet |
| • Coated materials | • Polystyrene foam |
| • Epoxy based or phenolic resins | • Polyurethane, Polyurethane foam |
| • Fiberglass | • Polyvinyl chloride (PVC) found in many common products such as but not limited to; flooring, siding, piping, roofing membranes, credit cards, toys, flexible tubing. |
| • Fluorine based plastics:
PTFE (Teflon)
Fluorinated ethylene propylene (FEP) | • POM Delrin/acetyl |
| • Galvanized metal | • Rubber |
| • HDPE (High Density Poly Ethylene) | • Styrofoam |
| • Leather, Artificial or Chrome tanned leather | • Wood that has been: |
| • Materials containing:
- Astanine - Bromine - Chlorine - Fluorine
- Formaldehyde (excluding plywood listed in Table 1)
- Flame-retardants - Halogens - Iodine | - Coated - Fumigated - Pressure treated - Stained |
| • Mirrored surfaces | |
| • Nylon | |

While the Dremel LC40 Laser Cutter can cut and etch a variety of materials, some materials such as most metals, cannot be marked and will give less than desirable results. Other materials may not have acceptable finish quality.