



Ceramic Barcode Labels

SPECIALTY LABEL LINE

For extreme environments, only the strongest will do. That's when you call in Metalcraft Ceramic Barcode Labels.

These unfired ceramic labels are fused onto the product during the heat treatment process of the production line. When fused, they transform into long-lasting ceramic labels that resist both heat and chemicals. Both preprinted and on-site printable options are available for this product.

Possible applications for this product include work in process tracking for cathode-ray tubes; tracking the quality control of automotive glass as well as glass molds for plastic eye-glass lenses; identifying aluminum ingots that must withstand the heat treatment process, tracking sanitary ceramicwares and ceramic electronic parts that must withstand the firing process and the production control of a steel billet.

Material and Design Specifications

- Material: Unfired ceramic powder with binder and adhesive
- Serialization: All alphanumeric barcodes are printed with a human-readable equivalent. Guaranteed no skips in sequence. Code 39 is standard. CPIs range from high to low densities. Other options include Code 128, I2 of 5 and 2D symbologies.
- Sizes: Contact Metalcraft for details

Key Features

- Resists extreme caustics and acids
- Ceramic Barcode Labels can withstand temperatures up to 1,100 °F (600 °C) - Product Dependent

Applications

- Asset Tracking
- Manufacturing
- Work-in-Process Tracking
- Product Identification

Environmental Specifications

- Chemical Resistance: Excellent resistance to chemicals, extreme caustics and acids.

Test Results

These tests were conducted for a limited period in strict laboratory conditions. To achieve maximum satisfaction, we highly recommend any customer considering use of this product test the labels in the environment in which they will be used.

Heat Test		
Type	Firing Temperature	Fusible Material
GL-450L	420 ° to 500 °C	Glass, stainless steel, steel, aluminum, ceramic and porcelain
GL-600	580 ° to 630 °C	Glass, stainless steel, steel, aluminum, ceramic and porcelain

*Additional products are available. Contact Metalcraft for details.