

Fabricated Stainless Steel Letters



The Material: Gemini's standard stainless steel alloy is #304, which offers excellent corrosion resistance and effectively combats tarnishing under most circumstances. In addition, Gemini offers titanium-coated stainless steel for the ultimate "gold" finish available. This material is comprised of #304 stainless coated with a thin layer of tinted titanium. Due to the fabrication process, the edge of all faces on letters and logos have thin lines of exposed #304 stainless that will be buffed smooth on polished letters, or stroked on satin letters to maintain consistency in appearance.

The Process: Whether your project requires single-directional polished stainless steel or premium titanium coated stainless steel; Gemini will reproduce your letters or designs to exact specifications. Beginning with your artwork or any standard style, we use precision-guided lasers, routers or jigsaws to cut the requested letter, logo or shapes from thin gauge sheets of stainless steel or titanium-coated stainless steel. For most letters, 22-gauge material provides the proper balance of strength and weight, while some larger letters require 20-gauge material to provide adequate strength. The letter returns are produced from narrow band material or cut to size based on the desired letter depth and bent to the contour of the laser-cut faces to produce a hollow-backed letter with 90° angle edges that have clean, crisp corners and hand-soldered using a lead-free silver solder. Tests on our welds indicate the ability to withstand temperatures below -40°F and exceeding 350°F. All fabricated products are either buffed, stroked or painted per specification. Gemini's standard polished material is a high grade of single directional polish. Virtually no grain is visible to the naked eye. We also offer a truly non-directional polished material at a slightly higher cost for the most discerning customers. Brackets are soldered on the inside of the letters to receive threaded studs. This involves a welded strap joining the letter's returns with a stud-welded boss to accept mounting studs centered in the strap. This method produces a strong fabricated letter by giving strength to the already-formidable welded side returns.

Gemini Fabricated Letters are recommended for retail or architectural letters that are at least 1/2" thick and where high-end quality fabrication is required. Gemini Fabricated Letters can also be used in combination with neon lights or LEDs to create internally illuminated signage. Common users of these "halo lit" letters with neon and LED lighting include museums, office complexes, financial institutions and other buildings that require an extremely high-end look for their signage.

Advantages of Fabricated Stainless Steel Letters

- Light weight metal installation
- Channels are perfect for LED and neon
- Virtually unlimited design potential
 - range of letter height is 3½" to 47¾"in one piece

- True mirror polish finishes available
- Stainless Steel is much more durable than aluminum

Minimum Requirements:

- Minimum height: 3½", minimum letter depth: 1"