

Laser etched rubber keypads

Product Description

Laser etching is also called laser engraving or laser marking, which is a kind of surface treatment process based on optical principle. Graphics or legends are laser etched for precise lighting. It is the perfect way to illuminate the graphics or legends while the custom keypad remains on or off. There are a variety of colors available and Xiamen Better-Silicone can help you decide which are suitable for your particular laser etched keypads.

Silkscreen+ Laser Etching Silicone Rubber Keypad

Some keypads need both silkscreen and laser etching, so except laser etching technology, other legends are silkscreen, which is a combined way for keypads having both requirements.

Basic Information

1. Production Process

- 1) Laser etched rubber keypads are manufactured using translucent silicone rubber that is available in a variety of colors.
- 2) The laser keypad is then sprayed with opaque coating.
- 3) After coating, the translucent silicone rubber is laser etched with the desired legends to expose the translucent material on the surface of the custom keypads.

2. Product Feature

When backlit only the etched characters on the laser keypads transmit light. This makes them ideal for applications where excess light spillage, would and light glare would detract from the usability of the end product.

3. Application

Cell phone, electronic dictionary, calculator, remote controller, POS terminal, etc.

4. Its Advantages

- 1) high precision and good aesthetic
- 2) cost effective to large quantities
- 3) long lifespan keypad
- 4) all shapes and colors are available for customer's design

Quickly Quotation Requirements:

1. Show a top and side view
2. Dimension as shown
3. Include number of legend and rubber colors
4. With or without carbon pills
5. Quantities to be quoted

These are the primary elements for a quotation. Other details such as travel, force, durometer and tactile response can be determined at the time of order. Specialty features such as protective coatings, laser etching, light pipes, etc. should be included.

1.	Offering 2D/3D design drawings, Samples or other basic information
2.	Materials Demands
3.	Sizes Tolerance Demands
4.	Hardness Demands:
5.	Color Demands
6.	Mold Life Demands, Mold Steel Demands
7.	Surface Demands
8.	Flame Retardant, Oil-proofing etc.

Silicone Rubber /plastic Keypads Custom-Made Types:

1. Laser etched silicone rubber keypad
2. Plastic Keypads with Plastic Keycaps (protective transparent PC, PMMA acrylic key cap) / Keypad Cover
3. Double -color button pad without Coating / Printing
4. Silicone Electronic Conductive Printing / Coating control button
5. Phosphorescent / Fluorescent Silicone Rubber Keypad
6. Elastomeric (silicon gel, elastomer, elastosil) Silicone Rubber Keypad with Dual Durometer / Hardness Keys
7. Silicone Rubber Keypads with Epoxy Keypad
8. Custom Rubber Keypads with In-Mold Graphics
9. Translucent silicon rubber button pad for Led Lighting products