

Interplex Etch Logic was established in 2000, following the acquisition of the continuous etching division of Texas Instruments, considered by many to be the world's leading reel-to-reel chemical etcher. Located in Attleboro Massachusetts, Interplex Etch Logic has developed many new and innovative applications for automotive, telecom, connector, filtration and medical components. The company's proprietary reel-to-reel technology creates etched precision metal components with very close tolerances and a high level of repeatability and consistency, outperforming competing technologies such as panel etching.

FAST FACTS:

- Square Footage: 12,500
- Class 100 Clean Room
- State-of-the-art waste treatment systems

DESIGN TOOLS:

- AutoCad
- Solidworks
- In-house photomask design

PART SIZE CAPABILITIES:

- Length and Width:
 - Up to 8" (203 mm) wide
 - Up to 1500' (457 m) in length
- Thickness Range:
 - .0008" to .0200" (.0203 mm to .508 mm)

MATERIALS:

- | | |
|----------------------------|----------------|
| • Stainless steel | • Kovar |
| • Alloy 42 | • Monel |
| • Copper and copper alloys | • Inconel |
| • Brass alloys | • Cupro-Nickel |
| • Phosphor Bronze | • Mild Steel |
| • Be Cu alloys | |

MANUFACTURING SERVICES:

- Design
- Prototyping
- Reel-to-Reel Etching
- Metal Stamping for value added operations

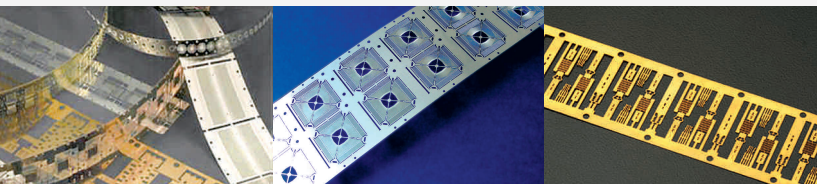


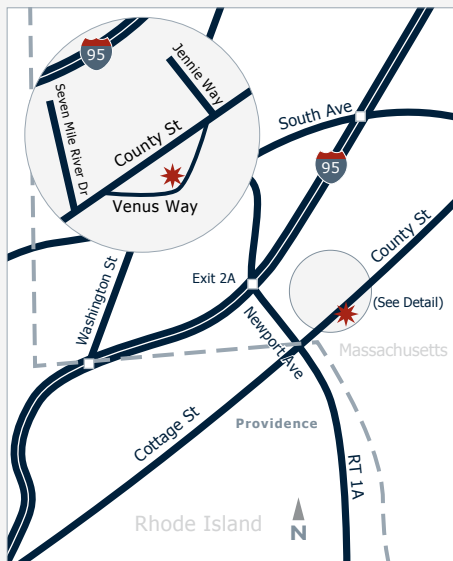
QUALITY:

- Certifications: ISO 9001: 2000
- Real-time In-Line Vision Systems
- Flat-Line Process Control System
 - Continuously monitors over 160 critical process points

APPLICATIONS:

- | | |
|----------------------------|-------------------------|
| • Semiconductor Components | • Electrical Connectors |
| • Filters | • Ink Jet printer Heads |
| • Fuel Injectors | • Micro-Relays |
| • Cell Phones | • Sensors |
| • Razors, Electric Shavers | • Micro channel reactor |
| • Fuel cells | • Stackable Laminates |





DIRECTIONS TO INTERPLEX ETCH LOGIC

Take Interstate Route 95 north from Providence or south from Boston to Exit 2A in Massachusetts (heading to Newport Avenue, Pawtucket, RI).

At the first light, turn left (northeast) onto Cottage Street (which becomes County Street when you reenter Massachusetts).

Travel nine-tenths of a mile (1.4 km) and turn right onto Venus Way. Interplex Metal Logic and Etch Logic are on the right.

BENEFITS OF CONTINUOUS REEL TO REEL ETCHING:

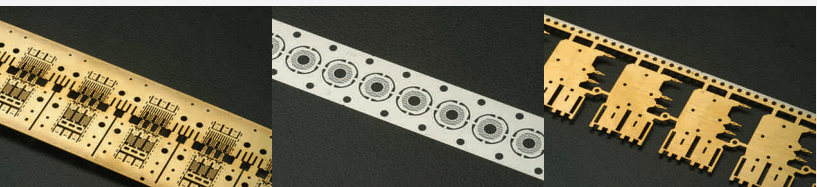
- Continuous reel-to-reel etching has the ability to hold very tight tolerances for small feature sizes with a very high degree of repeatability and consistency.
- The increased repeatability and consistency significantly reduces the total cost of quality, especially in high reliability applications.
- Customers can design burr-free, precision metal components with ultra fine pitches, intricate shapes and 3-D feature profiles, unavailable using traditional metal stamping processes.
- Chemically etched parts can be produced in a high volume environment which reduces tooling and production costs, while improving time to market.
- Reel-to-reel etched parts can be presented to other automated manufacturing processes such as forming, plating, insert molding and assembly on a reel, further reducing total manufacturing costs.



Address

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508-399-7655 (Fax)
www.etchlogic.com



INDUSTRIES SERVED:

- Automotive
- Medical
- Filtration
- General Industrial
- Electronics
- Telecommunications
- Aerospace
- Consumer goods