



Interplex Etch Logic Fact Sheet

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:

- 31,000 square foot buildings
- 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 12" (300mm) wide
- Up to 750' (228 meters) in length

THICKNESS RANGE

- .0008" to .02" (.0203mm to .508mm)

MATERIALS:

- Stainless Steel
- Alloy 42
- Copper & Copper Alloys
- Brass Alloys
- Phosphor Bronze
- Be Cu Alloys
- Kovar
- Monel
- Inconel
- Cupro-Nickel
- Mild Steel

MANUFACTURING SERVICES:

- Design
- Prototyping
- Reel-to-Reel Etching
- Value Added Services

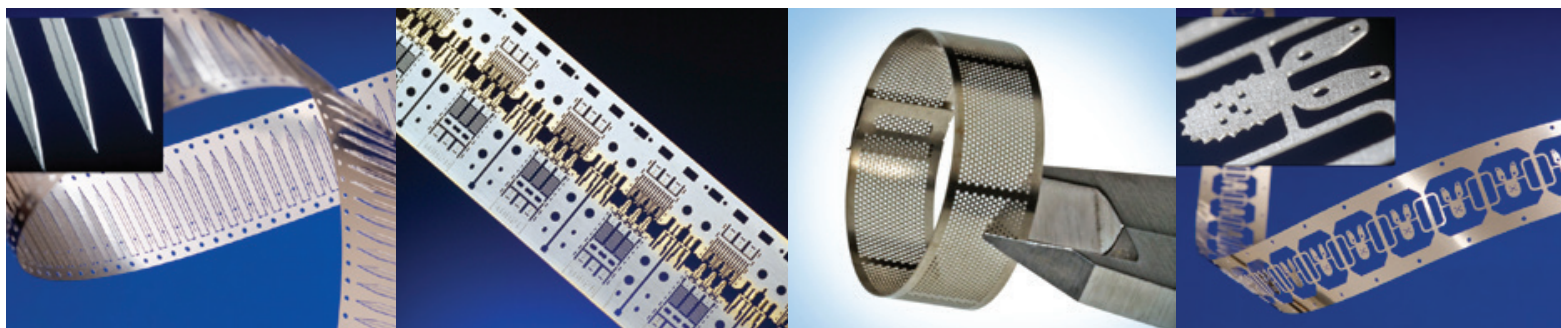


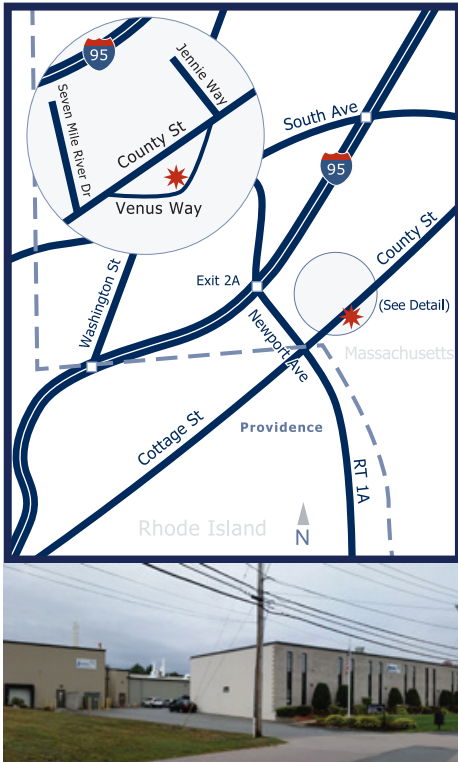
QUALITY:

- Certifications: ISO9001, IATF16949, ISO14001, VDA6.3
- Real-time In-Line Vision Systems
- Flat-line Process Control System continuously monitors over 160 critical points

APPLICATIONS:

- Semiconductor Components
- Filters
- Fuel Injectors
- Cell Phones
- Razors, Electric Shavers
- Fuel Cells
- Electrical Connectors
- Ink Jet Printer Heads
- Micro-Relays
- Sensors
- Micro Channels
- Medical Blades & Sharps





ADDRESS

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Email: ietch-sales@us.interplex.com
www.interplex.com/etchlogic

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.

INDUSTRIES SERVED:

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|----------------------|----------------------|
| • Automotive | • Filtration |
| • Electronics | • Aerospace |
| • Medical | • General Industrial |
| • Telecommunications | • Consumer Goods |

