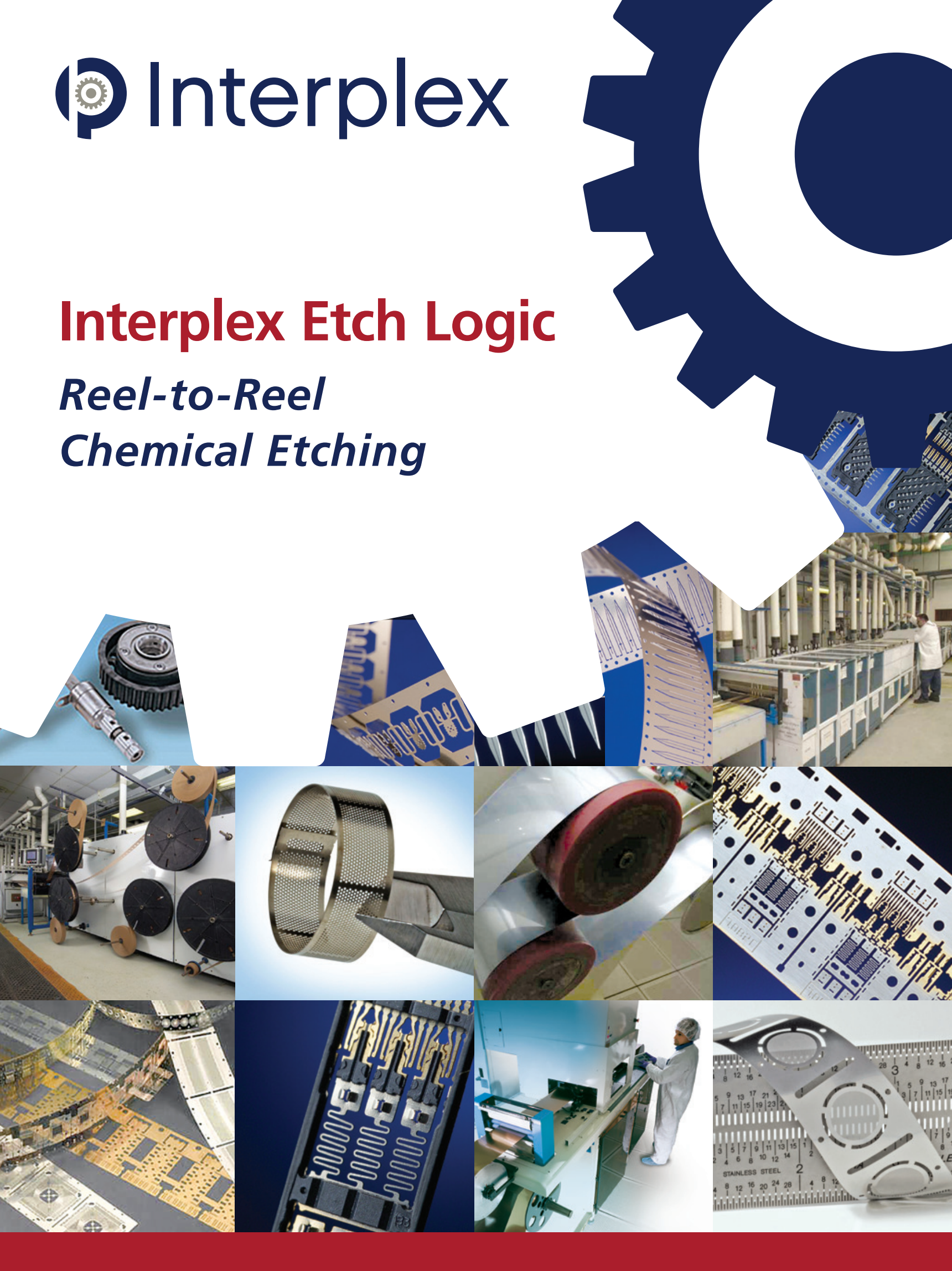


Reel-to-Reel Chemical Etching





Interplex Etch Logic

The Power to Get You to Market Faster and in High Volume

Now you can access a unique, proven technology with the combined advantages of chemical etching and high-speed stamping. With confidence that comes from more than 20 years of R&D, Interplex Etch Logic offers you a capability that quickly delivers intricate, flat metal parts on continuous reels on pitch in high or low volume.

The Confidence to Deliver World-Class Precision

Interplex Etch Logic's proprietary imaging technology operates in a Class 100 Clean Room, which yields improved process reliability and tighter tolerances. Now you can design ultra-small intricate parts that require control of the most demanding feature characteristics.

Furthermore, Interplex Etch Logic's reel-to-reel production technology utilizes an advanced closed loop process control system that monitors and adjusts over 160 parameters in real-time. The result is unparalleled accuracy and repeatable precision.

New Solutions for Broad Applications

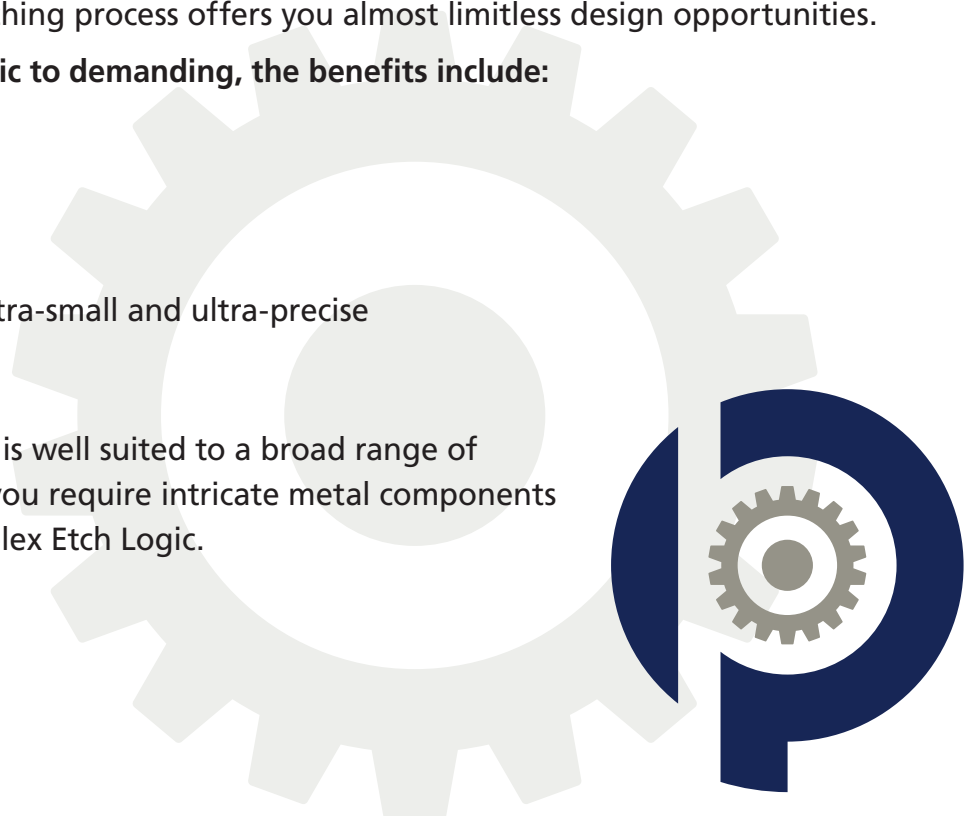
Originally a captive capability developed by Texas Instruments™ for internal leadframe applications, this proprietary reel-to-reel chemical etching process offers you almost limitless design opportunities.

For broad design applications, from basic to demanding, the benefits include:

- Rapid product development
- Reduced capital investment
- World-class repeatable precision
- High volume production
- New solutions for parts that are ultra-small and ultra-precise

The New Design Paradigm

This unique and proprietary technology is well suited to a broad range of applications in all industries. Wherever you require intricate metal components that cannot be stamped, consider Interplex Etch Logic.



Interplex Etch Logic

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.
- Chemically etched parts can be produced in a high volume environment, which reduces tooling and production costs, while improving time to market.
- 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.
- 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



Automotive



**Mil-Aero/
Industrial**



Consumer



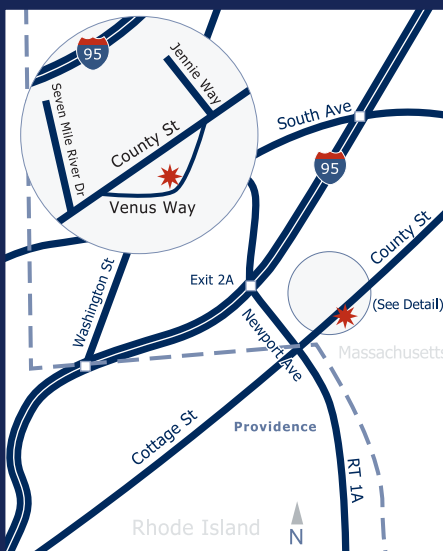
Medical

Electronics

Telecommunications

Filtration

General Industrial



Interplex Etch Logic
54 Venus Way
Attleboro, MA 02703

508-399-6810 | Fax: 508-399-7655
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 re-enter Massachusetts).

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

www.interplex.com/etchlogic