

Company Fact Sheet

Product Capabilities & Services



All Flex is a high quality, customer-driven manufacturer of flexible circuitry and flexible heaters providing quick-turn prototypes, and high volume. The company offers a wide variety of materials and services to meet the requirements of the medical, military, aerospace, aviation, and other industries.

FAST FACTS

- Founded in 1991, 25 years of flexible circuit manufacturing expertise
- Privately-held by Granite Equity and executive management since 2007
- Three facilities - all based in Minnesota, USA
- 40,000 square feet of manufacturing space
- Employs 170 people
- Technical support staff includes 10 individuals with 20+ years in the circuit board industry
- 11% compound annual growth rate since 2009
- Significant capital investment in facilities and equipment 2010 - 2016 expanded capabilities expansion and quality improvement and increased capacity
- No single customer exceeds 5% of total revenue
- 2015 revenue at \$27.7M
- Added nearly 500 new customers in past three years
- Support over 600 customers annually
- Engineering start-ups average 44 per month
- Prototype to medium and high volume capabilities
- Military and medical markets are >50% of revenue
- Three SMT assembly lines

COMPLIANCE/CERTIFICATIONS

- ISO 9001:2008 Certified
- AS9100C Certified
- MIL-P-50884 Qualified
- ITAR\JCP Registered
- UL Recognized
- IPC Active Member
- RoHS Compliant


All Flex Flexible Circuits, LLC
1705 Cannon Lane
Northfield, MN 55057
877.663.7162
www.allflexinc.com
information@allflexinc.com



PRODUCT OFFERING

- HighTemp™ flexible circuits & heaters - **NEW**
- Flexible circuits and flexible heaters
- Single and double sided flex circuits
- Capability includes *Maxi-Flex*®, extended length circuits, 8 feet +
- Multi-layer flex up to 10 layers
- Selective rigid flex up to 8 layers
- Custom heaters, polyimide and silicone rubber
- Ultra fine line technology with 50 micron line/space capability
- Sculptured circuits
- Thick copper/power distribution circuits up to 20 mils
- Alternative metal alloys
- Polyimide and polyester dielectric films
- Adhesive and adhesive-less materials
- Full offering of RoHS surface coatings
- High speed, fine pitch through-hole and SMT component assembly down to 0201
- Microscope soldering/assembly
- Digitally controlled nomenclature printing and product serialization

SERVICE OFFERING

- Build-A-Heater™ online configurator for quick-turn custom heaters - **NEW** 
- In-house advanced Optical Laser Ablation System
- Fast quoting and rapid response (typically within 24 hours)
- Standard lead time of 2-3 weeks, expediting available
- Full circuit design from schematic
- Reverse engineering of existing products into flex
- 'Flexizing' to optimize features for performance and reliability
- Heater design customer support
- AOI (automated optical inspection)
- Flying probe, bed of nails and piece part ET test
- Engineering consultation/design assistance
- Online flexible circuit and heater design course: www.designingflexiblecircuits.com