

Fralock provides custom component solutions for critical applications in industries including semiconductor manufacturing, aerospace/defense, medical, industrial, electronics, and energy.

Interface Components

- Thermal Blockers, Heat Spreaders, EMI/RFI Shielding, Specialty Laminates

Rigid-Flex Circuits

- Adhesiveless and Traditional Polyimide Flex Circuits/Cables, Flex Heaters

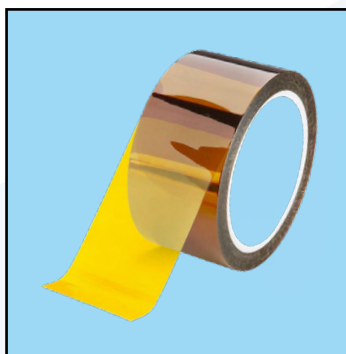
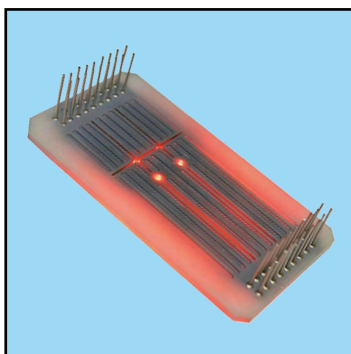
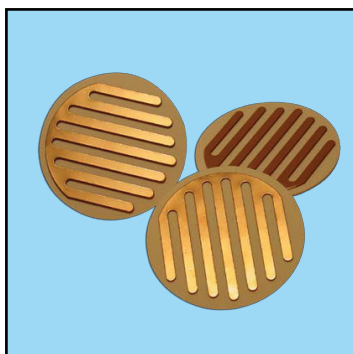
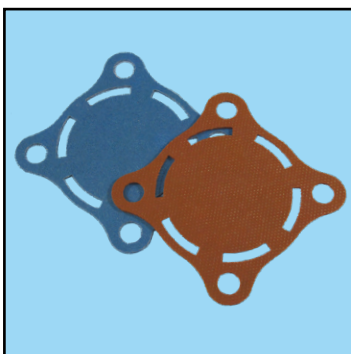
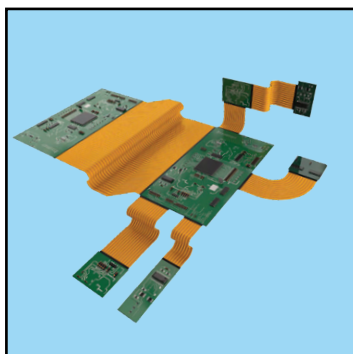
Ceramic Solutions

Engineered Technical Ceramics

- Rapid-Fire Multi-Layered Precision Heaters, Engineered Structural Ceramics, LTCC

Tapes and Films

- Specialty Tapes: Polyimide, Metal Foil, Glass Cloth, Pressure-Sensitive Adhesive, Electrical, Silicone, Rubbers, Foams, PTFE



Services Offered

- CAD Automated Cutting Services
- Custom Adhesive Formulation
- Engineered Ceramics
 - Active & Passive
- Conformal Coating
- Electronics Assembly
- Die Cutting
 - Rotary/Flatbed/Steel Rule
- Laser Cutting & Ablation
- Additive Aerosol Jet Printing
- Multi-Layer Laminates
- Plastic Injection Molding
- High-Speed CNC Milling & Routing
- Zone Coating (PSA)
- Prototyping
- Clean Room Processing

USA Manufacturer

ISO 9001/ASA9100 Certified
ISO 13485 Certified
FDA and ITAR registered
IPC-1791 listed

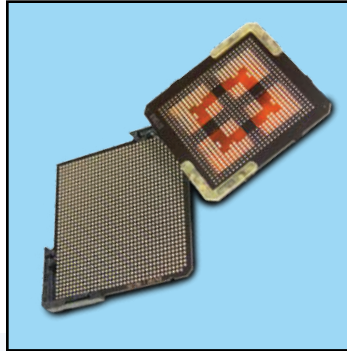
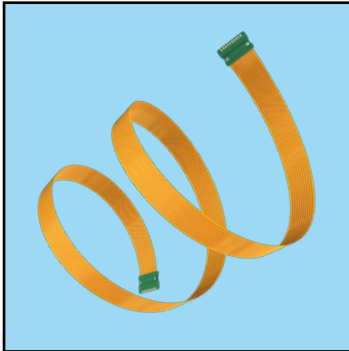
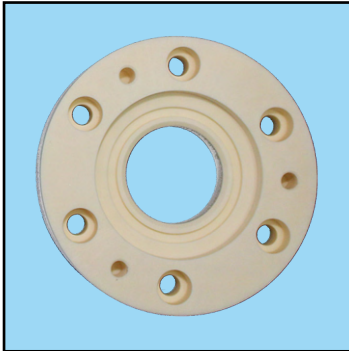
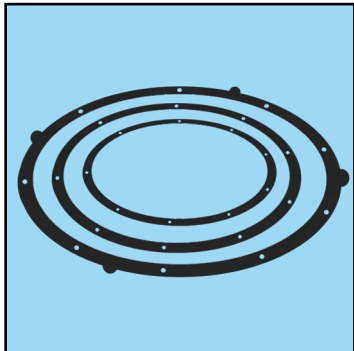
Utilizing advanced materials and technologies, we offer innovative design, engineering, prototyping, testing, and full manufacturing to satisfy your demanding requirements.

Fralock is a full-service solutions provider offering die-cutting, laser cutting, laminating, CNC machining, and CAD cutting services. We are an ISO 9001, AS9100, and ISO 13845 certified company. We specialize in advanced and innovative and high-performance materials, pressure sensitive tapes, adhesives, engineered ceramics, EMI/RFI shielding, thermally conductive materials, foams, rubber, Kapton®, Nomex®, Mylar®, foils and custom composites. Fralock manufactures DuPont™ Cirlex® (sole licensee) and multi-layer polyimide adhesiveless and adhesive laminates. We are the sole distributor of DuPont™ white Kapton®. Fralock is dedicated to providing exceptional customer service from design development through product realization.

Applications

- Flexible Circuits
- Electrical Insulation
- EMI/RFI Shielding
- Gasketing and Sealing
- Harsh Environment
- Shock and Vibration Dampening
- Thermal Management
- Heating – Flexible and rigid solutions, including rapid thermal cycling with RTD sensor control
- Fire Stop
- Surface Protection
- Structural Ceramics
- Low-Temperature Co-Fired Ceramics

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Get in touch with us to discuss your project

800.372.5625 • Sales@fralock.com

REV 01092023