# DESIGN, PROTOTYPE, & FABRICATION LEADER







### Your engineering & design partner for electrical process materials

With over 40 years of fabrication expertise, EIS Fabrication Solutions is the leader in designing, prototyping, and manufacturing of flexible and rigid materials. We not only provide fabrication solutions, we can also provide advanced assembly solutions for high-value engineering projects and a wide range of custom fabrication services. With our expanding top-tier supplier partners, EIS has the material expertise to meet the requirements of your toughest applications.

### **MARKETS**



### **Electrical Equipment**

Custom fabrication of insulation and flexible process materials for motors, transformers, and other electrical equipment applications. From adhesives to films, flexibles to rigids, and tackling complex challenges in thermal management, EMI/RFI shielding, dielectrics, insulators, and high performance labels.



### **e**Mobility

Innovation drives new technology and EIS plays a pivotal role with our expertise in material science and design engineers to identify solutions to challenges in this rapidly growing segment in batteries, chassis, drive train, and the charging infrastructure.



### **Power Generation**

Flexible and rigid materials for stater and rotor assemblies from engineered insulators to non-metallic rigid machine parts, EIS Fabrication Solutions are present throughout the generator and in their supporting systems.



### Medical

Supplier of converted materials and assembly of medical devices and disposables. Our teams will provide the right materials, converting services, and assembly methods to deliver high-quality medical components and finished products with a precision that enhances clinical performance.



### **Electronic Assembly**

Supporting surface mount technology design, testing, and assembly.

Manufacturing of PCB materials along with the tools and equipment needed to support operations from material preparation to cleaning and inspection.



# Renewables & Alternative Energy

Our engineered materials help produce some of the most innovative solutions in the market today. From determining the type of insulation and dielectric requirements, to non-metallic rigids and mechanical parts such as bearings and circuit fuses, our depth of product knowledge to support this market is leading edge.



### **Automotive & Transportation**

Engineered materials to support the design and production of current automotive, EV and transportation markets. We work closely with design engineers to deliver solutions to support the production of EV motors, batteries, interior labels, and all types of vibration and surface protection materials.



### **CAPABILITIES**

### **Prototyping**

- Rapid, On-Demand Converting for Application Testing
- Expert Research and Design Team
- Material Science Specialists

### **Precision Slitting**

- Razor, score, shear & hot knife capabilities
- Tight tolerance with challenging substrates
- Wide-web to narrow width converting
- High speed slitting in clean room environment

### **Die Cutting**

- Rotary & Flatbed capabilities
- In-line kiss-cutting, multi-level cutting, scoring, perforating, and island placement
- Complex, multi-layer converting
- In Line Optical for 100% Inspection

### **Laser & Water Jet Converting**

- Rotary and Flatbed Laser
- Foam & Rubber waterjet capabilities
- Tight tolerance configurations from sample parts to mass production

### Laminating

- Up to 80" wide capability
- Multi-layer
- Zoned, in-line, and single/double-sided adhesive technology
- Extended liners, optically clear adhesives and film options

### **Spooling**

- In-line slit & long length traverse wound capabilities
- Level winding

### **Printing**

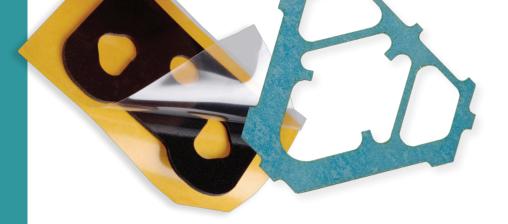
- Flexography Printing
- High Performance Labels
- Tape and Film Printing

### **Rigid Converting**

- Non-metallic CNC Machining
- CNC Lathe Turning & Saw and Shear Cutting

### **Product Enhancement & Kitting**

- Custom Assembly and Packaging
- Kitting Services
- Inbound Product Customization



### **Good Things Come In Small Packages**

Small packages are lighter, more efficient, and less costly – but they require highly technical material specification and design review. At EIS, we have the knowledge and resources to help you streamline your assembly and speed to market, helping you find the most efficient path to optimal performance by partnering with our highly skilled development team.



## **Rapid Prototyping**

Creative ideas are the driving force of innovation. Our rapid prototyping team can take your ideas and turn them into a working design using our expertise in material science and consumer applications. We will work in step with your team through each milestone, providing testing and validation throughout the entire life cycle to ensure your product performs as designed. EIS not only delivers on our promises to you, but also on your promises to customers.

### Sustainability

Conservation and sustainability are at the core of our operational benchmarks. Awareness on our impact to the environment and ways to help minimize byproducts are important to the process of design and manufacturing. Let's work together to do our part to leave this world a better place for our kids and their future.

### **Certifications:**

ISO 13485:2016 ISO 14644-1:2015(E) ISO 9001:2015







