

# Insulect Australia

## Manufacturing Capabilities



### Insulect Manufacturing

Insulect's manufacturing capabilities form a key part of the trusted service we offer our customers. Our two modern, well-equipped manufacturing facilities, in Brisbane and Melbourne, work with a wide range of electrical and mechanical engineering materials – including plastics, composites and cellulose based materials.

We offer short run, specialty or volume based non-metallic machining and fabrication for almost any application and can produce cut-to-order sheets or finished components. Our Brisbane site is also home to our tape converting facility for custom slitting and re-logging of adhesive and non-adhesive tapes and films.

### Our Capabilities

Our Brisbane and Melbourne manufacturing sites house an extensive array of machinery and equipment. Coupled with our highly-trained and experienced team, we are able to deliver on the most complex of customer requirements. Our manufacturing capabilities include the following:

- CNC machining with large-capacity work tables
- VMC machining
- Panel, beam and band saws
- Crepe paper tube rolling
- Hydraulic clack press
- Paper slitting
- Tape slitting and re-logging
- Guillotines
- Bending machines
- Water saw
- Plus drills, lathes, routers, sanders and more

### Materials

The following are examples of some of the plastic composite and cellulose-based materials we regularly add value to as part of a customised solution:

- Pressboard and presspaper
- Corrugated board
- Crepe paper
- Densified wood
- Polyester and epoxy glass laminate
- Epoxy phenolic
- Silicone bonded mica
- DMD and NMN flexible laminate
- Switchpanel
- Polycarbonate
- PVC
- Fabric and paper Bakelite

### Specialists in Customised Solutions

Our expertise in developing customised manufacturing solutions is highly valued by our customers. We work closely with each to gain an understanding of their application needs. We supply a wide range of materials from leading global suppliers and provide in-house AutoCAD services and technical support. This allows us to deliver tailored solutions that meet our customers' exacting standards – leaving them free to focus on their core business.