



One of the major benefits from insert molding includes consolidated components, which may enhance product functionality, ease assembly issues, and reduce cost. Polymer Technology's vertical injection press technology can accommodate a host of inserts, both plastic and metal, including precious metal plated inserts, molded-in electrical connections and circuitry, close tolerance parts, and connectors.

Our engineering staff can assist in optimizing insert molded product design to maximize part performance and address design for manufacturability issues early in the product's development cycle. This proactive approach benefits our clients by designing for part consolidation, widening material selection scope, and accommodating the most efficient insert layout and handling.



PROFILE



Polymer Technology Corporation provides a “full service” solution for your molded part program requirements. Our state-of-the-art facility and technologies will exceed your expectation for quality, service, and value. We have integrated the latest in lean manufacturing technique, equipment, advanced process controls and automation systems to deliver precision components within budget and schedule. Meeting increasing demands for controlled environment molding in the medical device and health care markets, Polymer Technology Corporation provides cleanroom molding (Class 100,000). Experienced tooling engineers and mold technicians staff our on-site tool making facility allowing us to manufacture new tooling, maintain your mold, and provide all related tooling services.

In addition to injection molding, we provide decorating services that include labeling, pad printing, painting, EMI shielding, laser etching and marking, and decorative chrome plating. To compliment our molding and decorating services, we also provide product assembly; including sonic welding, hot plate and spin welding, adhesive and epoxy bonding, packaging, and logistics services. Polymer Technology is ISO 9001/2000 quality registered and provides full first article services with complete product traceability systems.