

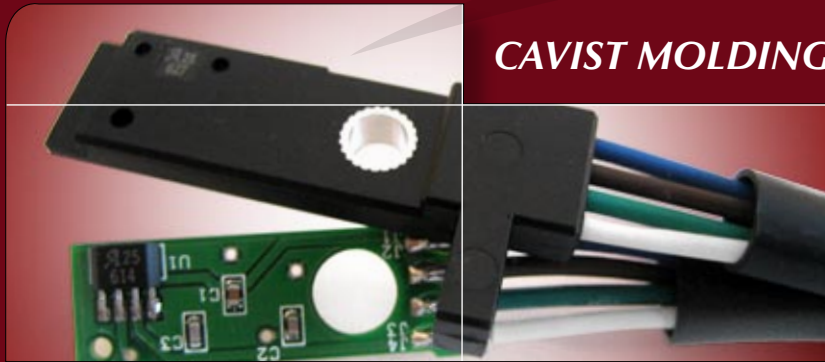


[www.polymertechnology.com](http://www.polymertechnology.com)

5120 Parkway Drive  
Menomonie, WI  
(715) 235-1464

## Molding

(CAVIST MOLDING)



### CAVIST MOLDING

Low pressure molding refers to the process of producing molded electronics parts, the casting of connectors with strain relief and the encapsulation of populated circuit boards. The process employs thermoplastic hot melt adhesives, aimed specifically at insert molding. In a single step, low pressure molding effectively protects solder joints and wires from atmospheric moisture by adhering efficiently to the wire surface.

Traditionally positioned between injection molding and potting, low pressure molding presents a fast, convenient packaging solution, simultaneously encapsulating circuitry while forming the outer shell of the component to deliver a self-contained and highly integrated assembly. Low pressure molding also reduces the number of process steps required by conventional potting techniques.





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## Molding

(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.