



Parallel Tool & Die, Inc.

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Molding

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We will design a tool that will produce quality thermoplastic products at acceptable production rates. In addition, the tool must operate consistently over the long term with minimal maintenance requirements. The injection mold is generally a complex piece of tooling as it must incorporate many necessary functions. A strong fundamental understanding of tooling technology and the underlying engineering principles in the areas of melt flow, cooling, part ejection, mold structure, process stability and part quality.



Parallel a company INLINE with your needs

Prototype Molds

Injection Molds

Vaccum Molds

Blow Molds

Die Cast Casting Dies

8 cavity hot runner mold



Below shows a thermoplastic Hinge

We worked close with our customer during prototyping (R & D). Single cavity molds were used to prototype the first parts. Once prototyping was complete a 16 cavity mold was produced. In the pictures you can see the evolution from the first prototype to the now produced product.

