



TOOLING

Making reliability **repeatable**

DESIGN, CREATE, TRANSFER, REPAIR

At Aprios, we specialize in in-house tool design, modification, and repair, and we are often able to help our customers cut costs and lead times.

Our flexible sourcing options, both domestic and offshore, cater to your unique needs. With our Tooling DFM (Design for Manufacturability), we streamline design to improve part quality and consistency. We also perform tool validation on all tools to prevent and resolve defects, while our expert team ensures a seamless tool transfer process, bringing you back to quality production efficiently.

OUR TOOL TRANSFER PROCESS

At Aprios, we streamline the tool transfer process for smooth, high-quality outcomes. We start with a PO for validation and samples, then ship the tool. Upon receipt, we uncrate, assess, and perform maintenance. Tool qualification involves installing the tool, running samples, and maintaining strict quality control. We provide detailed validation reports, ensuring customer approval and satisfaction at every stage.

FLEXIBILITY AND CUSTOMIZATION

Aprios delivers tooling that meets your specific needs - both onshore and offshore manufacturing.

We adapt everything we do to your project's specific constraints, delivering the right solutions every time.

Our team is with you every step of the way- through tool transfers and DFM.



TOOLING

Molds tailored to your needs.

WE HELP YOU CHOOSE THE BEST MOLD FOR YOUR PROJECT

1. Elite Performance Molds (Class 101)
2. Premium Production Molds (Class 102)
3. Standard Production Molds (Class 103)
4. Economy Production Molds (Class 104)
5. Precision Prototype Molds (Class 105)

EXPERTS IN TOOL DESIGN

Our Design for Manufacturing (DFM) expertise optimizes mold design to enhance efficiency and quality in injection molding. We consider factors like ejection, cooling, gate placement, mold flow analysis, draft angles, and part consolidation, ensuring high-quality parts with minimal defects. This reduces cycle times, improves durability, and cuts production costs.

OUR TOOLING CAPABILITIES

We offer a wide range of tooling services, from in-house design, modification, and repair to flexible sourcing options. Our DFM process lowers costs and refines designs. We also provide customized tool validation and expert support in the tool transfer process, ensuring a smooth transition back to production.

For more information, please scan the QR code below.



CONTACT US

✉ sales@aprios.com

☎ 1.763.424.2525

