



PROGRAM TRANSFER

Aprios has transferred hundreds of tools over the years. Based on this experience, Aprios has developed a program to successfully transfer tools in order to shorten the time to production while also obtaining parts of the highest quality possible.

Aprios' transfer tool program provides a full review of each tool upon receipt. It incorporates a complete cleaning of the transferred tool and allowance for basic modifications.

Key Program Activities

- **Establish a transfer tool team** that includes a project lead and individuals from engineering, tooling, production, quality and customer service.
- **Communication throughout the process**, including a kickoff meeting to review the entire project and schedule the required steps.
- A **thorough review of all key mold components**, including a 30-point review of every tool.
 - Mold base, cavity and core
 - Surface finish
 - Runners
 - Gate(s)
 - Ejection system
 - Temperature control system
 - Special features
- A **report generated for customer** summarizing findings and assessment of meeting production and quality standards in addition to any work to the tool, if needed.
- Once all work is done to the tool and it is ready to sample, samples and a **first-article inspection report (FAIR) are prepared and submitted for customer approval.** (Note: Aprios provides the first \$100 of resin for sampling. Resin usage beyond \$100 will be quoted. The customer will also receive a quote for the FAIR.)
- Aprios allocates an investment of time and materials with each transfer tool. Our standard program includes **10 hours of review, inspection and basic modifications, including materials.** This represents a value of over \$1,000 per tool.



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Tool Transfer Process

When Aprios identifies issues with a tool and recommends work be done, it will be quoted at a discount from our standard engineering and tool shop rates. A quote will be provided before any additional work is done on the tool.

Our experience has shown that **tool transfers happen faster, and potentially at reduced cost**, when the following information is provided:

- Part specification (3D CAD files, blueprints, material selection, part weight and color standards)
- Molding process sheets
- Past approved first-article inspection reports
- Fixtures needed for assembly, printing and testing
- CAD of the mold design with specifications, including tool type, steel specifications, design, size and description of the tool
- At least three to 10 shots made with the current tool
 - If current shots do not meet quality requirements, issues are to be detailed and sample parts that meet standards will be provided
 - Sample parts displaying quality issues are also needed



Contact your Aprios sales engineer to discuss your **transfer tool requirements** and learn how our Program Transfer can support your needs.

CONTACT US

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For more information, please scan the QR code below.

