Technology Transfer

Developing and Transferring Technologies from Our Production Floor to Yours. High Level Outline of the Steps Involved in a Typical Technology Transfer Program.

- Preliminary part design review
- DFM review
- Design freeze
- Equipment identification, selection and subsequent delivery to our facility (e.g.; molding machines, auxiliary equipment, automation equipment, EOAT design and fabrication)
- Tool design
- Tool fabrication
- Tooling trials
- Process development – scientific molding, add automation for part removal and subsequent processing activities, etc.
- Process validation, FAI, etc.
- Representatives from your operations visit Teamvantage to observe and train on the processing steps and mold preventative maintenance activities, etc.
- Equipment, tooling, tooling drawings and CAD files, process documentation, etc. are moved (physically and electronically where applicable)
- After the transfer, our team remains available as a resource to answer any questions and provide any other necessary support to ensure a 100% successful result

Supporting Technologies

- Thermoplastic, elastomeric, and silicone molding processes
- Thin wall molding
- Cosmetic/optical molding
- Over-molding/multi-shot molding
- Over-molded electronics (using thermoplastic, elastomeric and silicone materials)
- Quick-turn prototyping
- Development tooling
- Scalable production tooling
- Scalable assembly operations