TUTHILL PLASTICS

Tuthill Plastics Group is a full-service injection molding company. For over 50 years, we have been the preferred partner for hundreds of top tier companies trusted to support their molded component requirements. Our expertise across a broad range of industries includes critical to function and tight tolerance applications as well as commodity grade components. By implementing lean manufacturing tools through our proprietary Tuthill Business System, we deliver extreme value across low and high volume production quantities.

TUTHILL PLASTICS GROUP MAINTAINS THE FOLLOWING INDUSTRY REGISTRATIONS:

- ISO 9001:2015
- ITAR Registration
- UL Registration

PART DESIGN & VALIDATION

- Engineering design assistance
- Mold flow analysis
- Tooling design for manufacturing
- Production FMEA
- Material recommendation

PROTOTYPE & PRE-PRODUCTION

- Progressive Multi-Unit Dies (MUD) provide for lower front-end cost while ensuring efficient manufacturing and product repeatability
- With state-of-the-art, in-house 3D printing capabilities we produce high-strength printed samples in low volume to support form and fit testing requirements

PRODUCTION MOLDS

Tuthill builds all molds to SPI Mold Specifications. The key to success on any new component is a tool that is built in consideration of the finished part geometry, tolerances, material, and end use function. We dedicate engineering resources and design tools on the front end to prevent future production delays, waste, and compromised finished parts.
PRODUCTION
By leveraging the tools of our Tuthill Business System, we can deliver extreme value at both low and high-volume production rates. We can quickly react to changes in demand by maintaining available press time through schedule optimization. Most secondary operations are performed during the molding cycle at no additional cost due to operator availability. This allows us to deliver defect-free parts on schedule.

TOOL TRANSFER
We accept program tool transfers to our facility. We will work with your team to understand current state of the tooling and the timeline required to ensure limited downtime and prompt production up-start.

SECONDARY SERVICES
- Pad printing
- Part marking
- Labeling
- Part assembly
- Hot foil stamping
- Emabond® – proprietary weld for high strength bond
- Post molding inserts
- Stocking/JIT delivery programs
- Sonic welding

MARKETS SERVED
- Pump & Meter
- Consumer
- Firearms
- Industrial
- Automotive
- Marine
- Defense
- Medical

This market list represents our primary focus but we are open to projects that fall into a different category.
Tuthill Corporation is a privately held, global manufacturer of industrial goods specializing in rotating equipment with a manufacturing history of over 126 years. The plastics team in Clearwater, Florida specializes in custom injection molding with a focus on engineered and precision products. Tuthill’s lean manufacturing processes and Tuthill Business System tools better serve customers and their demanding applications.

Tuthill Plastics Group offers customers complete end-to-end service, from design development to production support. Customers partner with Tuthill due to their prompt service via rapid prototyping and 3D printing capabilities. They value the modular tooling designs for low volume components. Tuthill can accommodate both short and long-run production, while serving diverse markets with engineering expertise.

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