

Engineered Polymer Machining

Custom Tight Tolerance Components for Demanding Environments



With our machining services, we will machine your custom component to your exact specifications. Prototype through production run, we can help you at any stage of your process offering unsurpassed quality and workmanship whether you need one part or thousands. Our expert machinists consistently hold extremely tight tolerances for a variety of critical application components and our dedicated plastics facility makes certain your parts have no contamination from metal or other sources.

Our engineers build to print from all drawing formats. We are able to perform CNC milling of components to 30" x 60" x 30" and offer CNC turning of components up to 22" in diameter.

CAPABILITIES

- Manual lathe to 54" diameter
- Precise drilling of complex geometries and holes as small as .003"
- Machine parts as small as .020"
- CNC milling of components to 30" x 60" x 30"
- CNC turning of components up to 22" in diameter
- Horizontal milling
- 5 axis capabilities
- Polishing
- Water jet cutting

ISO 9001:2008 CERTIFIED

We are ISO 9001:2008 certified and can provide material testing, statistical process control or other quality assurances if needed. We are dedicated to ensuring your critical component is right the first time.

WE MACHINE ALL ENGINEERED POLYMERS INCLUDING BUT NOT LIMITED TO:

ABS	PCTFE
Acetal	PEEK
Acrylic	PTFE
CPVC	PVDF
DELTRIN®	Phenolic
FEP	Polycarbonate
Ertalyte PET	REXOLITE®
G-10, G-11	RYTON®
HDPE	TORLON®
NORYL®	UHMW
Nylon	ULTEM®

DELTRIN® is a registered trademark of DuPont. REXOLITE® is a registered trademark of C-Lec Plastics Inc. RYTON® is a registered trademark of Chevron Phillips Chemical Company. TORLON® is a registered trademark of Solvay Advanced Polymers. NORYL® and ULTEM® are registered trademarks of GE Plastics.



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SERVING CRITICAL INDUSTRIES

We specialize in creating machined and fabricated components for critical industries. As an approved plastic machining supplier to one of the largest semiconductor equipment manufacturer's in the world, our manufacturing facility and processes have stringent quality standards that consistently meet and exceed the needs of these industries.

Semiconductor: CMP rings, wafer chucks, covers, manifolds, end caps, window assemblies, no touch covers, isolators, chambers, chemical enclosures, guards

Oil & Gas: Seats, seals, connectors, bushings, bearings, contact blocks, cavity fillers, sleeves, sensor holders, thrust washers

Aerospace: Bushings, cable holders, ring seals, spacers, valve adapters, wear guides, nozzles

Medical Device & Equipment: Connectors, centrifuge parts, couplings, gaskets, spacers, CAT scan & MRI parts, flow cells, nozzles, check valves, pumps, gears, cradles

Pumps & Valves: Manifolds, seats, seals, diaphragms, wear parts, bearings, back up rings, inserts

ENGINEERING SUPPORT

We offer design and drawing review services to ensure you are using the best material for your application. We work with you at each step to ensure your project from prototype to production meets your exact plastic machining requirements.

QUALITY, SERVICE & DEPENDABILITY = TOTAL CUSTOMER VALUE

Through our beliefs in utilizing lean manufacturing principles, we are able to offer total customer value which includes impeccable service, consistent on time delivery, competitive pricing and outstanding quality.

