THE fi COMPANY

Plastic Fabrication

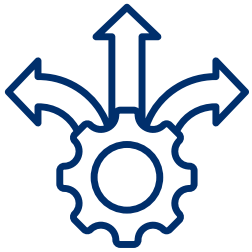
Custom Plastic Solutions Built for Strength, Precision, and Versatility

PLASTIC FABRICATION

Our plastic fabrication capabilities support custom-built components from concept to completion - delivering strength, precision, and performance across every industry we serve.

Broad Material Capabilities

We use a wide variety of plastics to meet your performance, aesthetic, and environmental requirements, including high-strength, chemical-resistant, and flame-retardant materials.



Clean, Precision Finishing

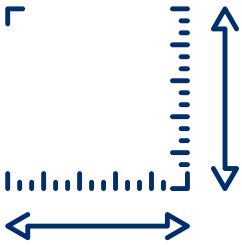
Whether cutting, bending, or bonding, our fabrication processes deliver clean lines, tight tolerances, and production-ready finishes for even the most intricate designs.

Scalable, Cost-Effective Production

From prototypes to full-scale production runs, our efficient fabrication methods reduce lead times and costs without compromising quality.

Small & Large Part Capability

Our teams are equipped to fabricate components of all shapes and sizes—from handheld enclosures to large panels and structural parts—tailored to your needs.



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KEY PROCESSES

We offer a wide range of fabrication services to support the most demanding plastic applications, whether you're creating display housings, medical equipment, or industrial enclosures.

Primary Fabrication Methods:

- **CNC Routing & Machining -** High-precision cutting, drilling, and shaping for complex parts and detailed features.
- **Line Bending & Heat Forming -** Controlled heating for creating bends, curves, and angles with consistent repeatability.
- **Solvent & Adhesive Bonding -** Secure and clean joining methods for seamless assemblies and strong structural connections.
- **Plastic Welding -** A thermal fusion process ideal for high-strength joints and permanent bonds in industrial applications.

Each method ensures consistency, durability, and tailored results to match your end-use environment.

Types of materials we fabricate:

- Acrylic
- ABS
- Polycarbonate
- HDPE
- PETG
- PVC
- Polypropylene

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