

## Formulation & Fabrication of Advanced Engineering Plastics

Atlas Fibre is a trusted high-mix, high-volume plastics-only machinist specializing in thermosets and thermoplastics. From prototype to production, our expertise ensures reliable support at every stage. ITAR-registered and AS9100-D and ISO-9001 certified, we're the choice of market leaders across industries.

### PRECISION MACHINING

With cutting-edge technology and expert craftsmanship, Atlas Fibre delivers precision-machined parts tailored to customer needs. Count on us to meet your toughest machining challenges with speed and accuracy.

- Over 35 advanced CNC machines for 3, 4, and 5-axis machining
- Specializing in complex parts, and tight-tolerance components
- Expertise in advanced engineering plastics including thermosets and thermoplastics.
- Fast turnaround from prototype to production, with blanket and Kanban ordering options

### QUALITY FOCUSED

Quality is our top priority at Atlas Fibre —because your success depends on it. Every part undergoes thorough first-piece, in-process, and final inspections to ensure consistent quality and reliability.

- Certified ISO 9001:2015, ITAR registered, AS9100 coming in early 2025.
- Advanced inspections with CMMs, 3D scanners, and laser micrometers
- Comprehensive reporting options, including PPAP, FAIR, and PQP

### MATERIAL EXPERTISE

Whatever your project demands, Atlas Fibre is your trusted source for premium thermoset composites and thermoplastics. We're here to help you succeed with exceptional materials and unmatched support.

- Largest U.S. manufacturer of thermoset rods.
- Wide selection of glass epoxies, phenolics, and advanced plastics.
- Expert support for material selection, research, and prototyping through production.
- Solutions to replace metals for lighter weight, lower costs, and better wear resistance.



## Materials for the Harshest Environments and Most Demanding Applications

With the largest inventory of thermosets in the U.S. and Canada, Atlas Fibre offers rods, sheets, and tubes in a wide range of materials. Our selection includes glass-based epoxies and phenolics, with all materials meeting or exceeding NEMA and MIL specifications.

MIL-SPEC	GRADE	TYPE
MIL-I-24768/1	G9	GME
MIL-I-24768/2	G10	GEE
MIL-I-24768/3	G-11	GEB
MIL-I-24768/10	XXX	PBE
MIL-I-24768/11	XX	PBG
MIL-I-24768/13	LE	FBE
MIL-I-24768/14	CE	FBG
MIL-I-24768/15	L	FBI
MIL-I-24768/16	C	FBM
MIL-I-24768/17	G-7	GSG
MIL-I-24768/18	G-3	GPG
MIL-I-24768/27	FR4	GEE-F

### SHEET

.004" through 6" thick. Sizes up to 48" x 96" (thicknesses up to 8" possible).

### ROD

.031" through 6" diameter sizes available. Lengths up to 8" available.

### TUBE

Huge variety of inside and outside diameters custom made to requested specifications.

## Consult the Experts on Advanced Plastic Fabrication

Connect with **Atlas Fibre's** material and machining specialists for expert guidance on the fabrication of advanced engineering plastics.

