

We Stock It		
ROD	SHEET	TUBE
.031" to 6" diameter Lengths up to 8'	.004" through 6" thick Sizes up to 48" x 96" (thicknesses up to 8" possible)	Huge variety of inside and outside diameters custom made to your specifications.



## Materials for the most demanding military, aerospace and commercial applications

MIL Spec	Grade	Type
MIL-I-24768/1	G-9	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 Spec	Grade	Type
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

### Supplier of Thermoset Shapes

Atlas Fibre has the largest inventory in the U.S. and Canada of thermoset rod, sheet and tube. Our products consist of glass based epoxy materials such as FR4, G-10, G-11, G-3, G-5 G-9 and G-7 as well as paper, linen (L/LE) and canvas (C/CE) phenolic. All materials meet or exceed NEMA and MIL Specifications



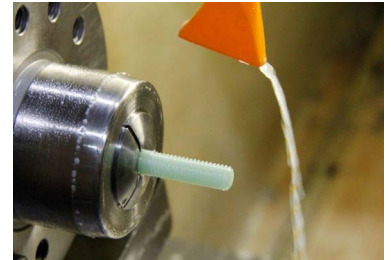
### Supplier of fabrication and machined parts

Atlas Fibre can supply thermoset materials in CNC cut to size pieces as well as sanded to very tight tolerances (+/- .003" on thickness). We also have the capabilities for CNC machining your parts utilizing our ISO9001 Certified and ITAR registered machine shop (including 3, 4 and 5-axis milling/turning).



## 1. Precision Machining:

- CNC milling/turning/routing (25+ machines) utilizing the latest in CNC technology and automation
- Workforce experienced in complex/tight tolerance machining including 3, 4 and 5-axis parts
- Advanced Engineering Plastics: Torlon, Vespel, PEEK, PTFE, PPS, Delrin, Nylon, Ultem & more
- Thermosets: FR4, G-10, G-11, G-3, G-5, G-7, G-9 and phenolic (canvas, linen and paper)
- Prototype through production:
  - Short turnaround available
  - Production lot sizes are welcome
  - Prototyping can also be quoted
  - Blanket, scheduled releases and kanban orders encouraged



## 2. Quality

Atlas Fibre is constantly updating quality capabilities to maintain the highest quality standards in the industry:

- Equipment includes CMM's, digital inspection equipment, 3D scanners, laser micrometers, optical comparators, and more
- ISO 9001:2015 certified and ITAR registered (AS9100 anticipated 1<sup>st</sup> quarter 2022)
- PPAP capabilities suited to ideally meet customer requirements (Level 1 to Level 5)\*
- All parts manufactured by Atlas Fibre undergo the following:
  - 1<sup>st</sup> piece inspection (1<sup>st</sup> piece inspection report available upon request)
  - In-process inspection
  - Final inspection
  - PPAP, FAIR, PQP, SSA, and in-process inspection reporting available.

## 3. Material Expertise

- Atlas Fibre is a manufacturer/master distributor of thermoset materials (glass epoxies and phenolics)
- Primary manufacturer of thermoset rod in the United States
- Distributor of most types of thermoplastics
  - What Atlas Fibre can do for you:
    - i. Material selection for your design
    - ii. Sampling of materials
    - iii. R&D and prototyping
    - iv. Replacing metals with plastics for:
      - a. Weight reduction
      - b. Cost savings
      - c. Greater wear
      - d. Resistance to corrosion
      - e. Noise reduction

