



# ATLAS FIBRE



*The world's largest inventory of phenolic, melamine and glass epoxy*

**We Stock it:**

- **ROD**

*.031" to 6" diameter  
Lengths up to 8'*

- **SHEET**

*.004" through 6" thick  
Sizes up to 48" x 96"*

- **TUBE**

*A 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 Spec	Grade	Type
MIL-I-24768/1	G-9	GME	MIL-I-24768/14	CE	FBG
MIL-I-24768/2	G10	GEE	MIL-I-24768/15	L	FBI
MIL-I-24768/3	G-11	GEB	MIL-I-24768/16	C	FBM
MIL-I-24768/10	XXX	PBE	MIL-I-24768/17	G-7	GSG
MIL-I-24768/11	XX	PBG	MIL-I-24768/18	G-3	GPG
MIL-I-24768/13	LE	FBE	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-9 and G-7 as well as paper, linen (L/LE) and canvas (C/CE) phenolic. All materials meet/exceed NEMA and MIL Specifications.



**Supplier of fabrication and machined parts**

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



# Atlas Fibre Machining Capabilities



## 1. Precision Machining:

- CNC milling/turning/Swiss/routing (25+ machines), grinding and secondary equipment
- Workforce experienced in complex/tight tolerance machining
- Plastics: **Torlon, Vespel, PEEK, PTFE, PPS, Delrin, Nylon, Ultem** & more
- Thermosets: **FR4/G-10, G-11, G-9, G-7, G-3, phenolic (canvas, linen and paper)**
- Prototype through production:
  - i. Short turnaround available
  - ii. Production lot sizes are welcome
  - iii. Prototyping can also be quoted
  - iv. Blanket, scheduled releases and kanban orders accepted

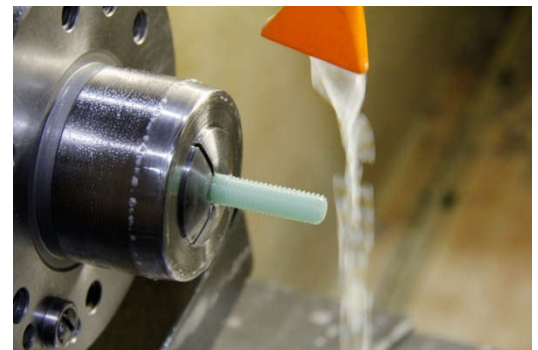


## 2. Quality

- Atlas Fibre is constantly updating quality capabilities to maintain some of the highest quality standards in the industry:
  - i. Equipment includes a Hexagon CMM, laser micrometers, RAM Optical Vision Inspection System, optical comparators, and more
  - ii. ISO 9001:2015 certified and ITAR registered
  - iii. PPAP capabilities suited to ideally meet customer requirements
  - iv. All parts manufactured by Atlas Fibre undergo the following:
    1. 1<sup>st</sup> piece inspection (1<sup>st</sup> piece inspection report available upon request)\*
    2. In-process inspection
    3. Final inspection\*1<sup>st</sup> Article or PPAP are available for an extra charge

## 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
  - i. What Atlas Fibre can do for you:
    1. Material selection for your design
    2. Sampling of materials
    3. R&D and prototyping
    4. Replacing metals with plastics for:
      - a. Weight reduction
      - b. Cost savings
      - c. Greater wear
      - d. Resistance to corrosion
      - e. Noise reduction



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