



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 parts utilizing our ISO9001 Certified and ITAR registered machine shop (including Swiss and 5 axis parts).



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 including 5 axis parts
- 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. 1st piece inspection (1st piece inspection report available upon request)*
 2. In-process inspection
 3. Final inspection*1st 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

