

COMPOSIFLEX CAPABILITIES



Overview

Since 1985 Composiflex has been designing and manufacturing advanced, high-performance composites from our facility in North Western Pennsylvania to our clients around the globe. A knowledgeable engineering staff, "art-to-part" projects, cost-effective RAPIFLEX™ rapid prototyping of parts, a range of modern manufacturing technologies, and material selection expertise is what you will experience when working with us – all of which contribute to the company's reputation for producing composites yielding consistent quality and reliability.

COMPOSIFLEX

Beyond Composites:

- Cores
- Inserts
- Coatings
- Assembly
- Metallic Treatments



AEROSPACE



SATCOM



DEFENSE



MEDICAL



ARMOR



INDUSTRIAL

Engineering Support

Specializing in custom designs, Composiflex engineers bring maximum value to projects when functioning as an extension of our customers' engineering staffs, effectively collaborating to solve design challenges. Composiflex is certainly happy to respond to make-to-print opportunities as well.

Life Cycle

We are characterized by our "art-to-part projects", supported by an experienced and knowledgeable engineering staff, broad materials expertise, cost-effective RAPIFLEX™ prototyping methods, and range of modern manufacturing technologies. First prototypes generally reflect the quality, finish, and functionality of the final production.

Certifications and Accreditations

- Nadcap Composites (LRP & PAR)
- AS9100 Revision D with ISO9001:2015
- ITAR Registered
- SAM Registered
- JCP Registered
- AMS2750 Pyrometry Compliant
- Clean and Environmentally Monitored Rooms (CCA& EMA)
- NIST SP 800-171 Compliant (score 110)
- Cyber Security CMMC Compliant to Level 3
- Registered on SPRS



From material & process solutions through product finishing COMPOSIFLEX offers complete project support.

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Production Processes

The optimal production process choice is based upon final part specifications and production volume. Standard production options include:



Curing (Autoclave, Press and Oven): Computer-controlled and recorded heat and pressure.



Press Molding: Compression molded parts or flat panels.



Resin Transfer Molding (RTM)/VARTM and Light RTM: Mold process that combines fibers and resin.



Tooling/Prototype: Production and prototype tooling options available.



Filament Winding: Resin coated fibers wound on rotating mandrel.



Machining: In-house CNC machining controls costs and lead time.



Engineering: Analysis and testing to support your project.



Finishing & Other: Surface prep, painting/coating, and other processes including final assemblies, sub-assemblies, and kits can be created.

What Makes Composiflex World Class?

Delight Our Customers

"Delivering exceptional quality, service, and value to our customers."

Employee Education and Training

"Grooming a well-trained workforce focused on customer satisfaction."

Total Productive Maintenance

"Achieving maximum equipment effectiveness through employee involvement."

Safe Workplace

"Believing in safety and having a record that shows it."

Continual Improvement

"Being addicted to the benefits of never ending improvement."

Key Performance Indicators

"Taking our goals seriously. If we make a promise, we deliver."

Goal Alignment

"Fostering a culture of teamwork to achieve the strategic goals and objectives of the company. Together we will make a successful future."

Mike Chesley
President - Composiflex

6S

"Sustaining a clean, safe, and efficient workplace."

Employee Involvement

"Knowing that nothing we do is more important than hiring and involving employees. At the end of the day, people are what make the difference."

Lean Thinking

"Eliminating waste and creating value."

Visit composiflex.com for more detailed information. Our experienced engineering staff is available for your technical assistance. Please call 800-673-2544 or e-mail us at info@composiflex.com.



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For more than 40 years, Composiflex has been an innovator in the design and manufacture of advanced high-performance composites. Specializing in custom designs, Composiflex currently serves the medical, military, aerospace, ballistic protection, industrial and recreational markets. Composiflex conducts operations in Erie, PA, USA.

Nadcap Accredited Composites
ISO 9001 Certified
AS9100 Certified