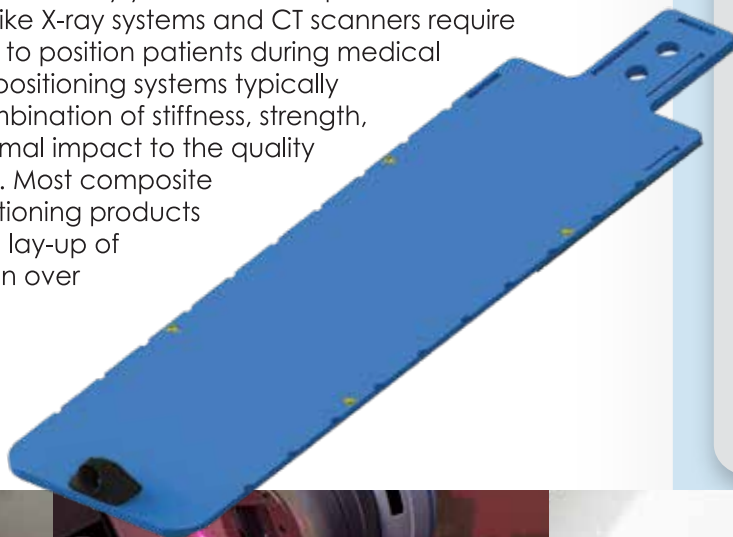


X-ray/CT Scanner Composites

Our advanced medical composite products have been used in medical applications for many years. For example, medical imaging equipment like X-ray systems and CT scanners require challenging solutions to position patients during medical procedures. Patient positioning systems typically require a unique combination of stiffness, strength, low weight, and minimal impact to the quality of the patient image. Most composite medical patient positioning products utilize an engineered lay-up of composite skins (often over a high-performance foam core).



COMPOSIFLEX

Why use us?

- Advice from engineers with decades of expert industry experience
- Proprietary development tools for design support
- In-house tooling design and manufacturing capabilities
- Attenuation, image quality, and mechanical testing
- Prototype support as part of production programs
- Complete vertical integration of manufacturing processes



Carbon fiber works well for X-ray, CT, CT/PET, Nuclear Medicine, Oncology, and similar medical equipment modalities. MRI applications, are supported by, Spectra Shield®, or fiberglass. Embedded components made

from metal or other solid materials are typically used for attachment points. Composiflex is also a leading supplier of structural advanced composites for other medical equipment applications.

Certification 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



To support medical composite customers, Composiflex offers:

- Radiographic imaging table tops, cradles, couches, and pallets
- Table top extensions and accessories
- Oncology treatment overlays and other positioning products Surgical table components
- Abductor bars
- Other patient positioning and patient handling system components
- Medical system structures including tubes, supports, brackets, beams, and bridges.
- Immobilization devices

COMPOSIFLEX MEDICAL COMPOSITES

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): Cured computer-controlled and recorded heat and pressure.



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



Filament Winding: Resin coated fibers wound on rotating mandrel.



Engineering: Analysis and testing to support your project.



Press Molding: Compression molded parts or flat panels.



Tooling/Prototype: Production and prototype tooling options available.



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



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."

Safe Workplace

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

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."

Lean Thinking

"Eliminating waste and creating value."

Total Productive Maintenance

"Achieving maximum equipment effectiveness through employee involvement."

Continual Improvement

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

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."



Mike Chesley
President - Composiflex

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.



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

