

Rubbercraft designs, develops and manufactures precision engineered custom elastomeric parts, components and systems

As a business partner, Rubbercraft delivers added value through a complete solution which encompasses every stage from the initial polymer science, compounding, engineering and development through to a final component solution.

Whether build-to-print, or build-to-model, we can design, manufacture, assemble, and test. It's an efficient, seamless and effective approach designed to exceed customer expectations.

Mission

Enabling custom engineered solutions through our Polymers Material Science, Technologies and Applications expertise.

Rubbercraft satisfies the stringent demands of the safety critical process

Rubbercraft is AS9100 approved for design of elastomeric components. Our AS9100 accreditations signify quality without compromise. We hold numerous other quality certifications and customer approvals.

To view our extensive range of capabilities:
www.rubbercraft.com

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Rubbercraft Is One of Eight Brands Providing World-Class Polymer Solutions



ELASTOMERIC TOOLING FOR COMPOSITE MANUFACTURING

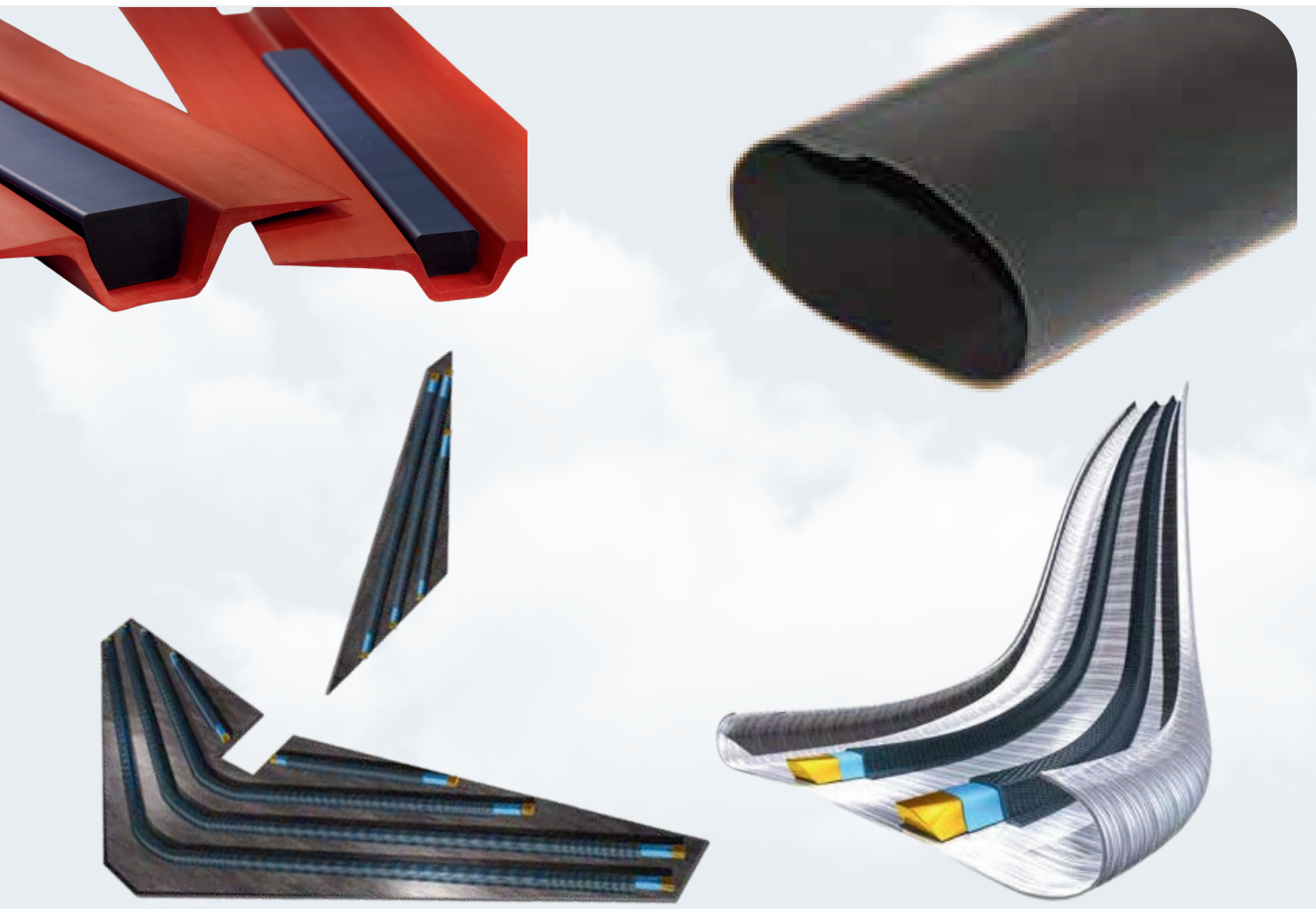


Rubbercraft has a proven track record of supplying elastomeric tooling solutions for composite fabrication.

Rubbercraft’s advanced elastomeric tooling solutions support composite manufacturing processes, frequently used to support co-curing or co-bonding integral, longitudinal fuselages stiffeners and for fabrication of single piece complex structures.

Applications include winglets, nacelles, wing spars, horizontal stabilizer stiffeners, fuselage, doors and other complex shaped components that require trapped tooling such as bladders or mandrels.

Our tooling is used for hat-stiffened structures hollow elements, providing significant weight and cost advantages over honeycomb or foam supported designs.



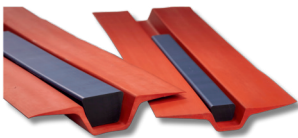
- Leading provider of elastomer tooling for aerospace composite structures
- Innovative elastomeric materials for high temperature autoclaves
- State-of-the-Art 140,000 US-based manufacturing facility with AS-9100D quality certification
- Products are versatile, easy to use, reusable, and deliver many cycles of reliable performance

Type of elastomeric tooling for composite fabrication

Caul and Mandrels

Typical Applications:

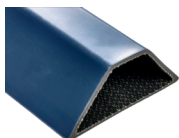
- Nacelle Stiffeners
- Horizontal Stabilizer
- Air Inlet Ducts and Hat Stiffener



Stinger Bladders

Typical Applications:

- Wide/Narrow Body Aircraft Fueselage
- Aircraft Wings
- Helicopter Rotor Blade



FACILITIES

- Purpose built, 140,000 sq ft factory for product development, new product integration, low and full rate production
- On site laboratory for material development, quality and specification compliance
- Flexible capacity deployment
- AS9100 certified including design

EQUIPMENT

- Extra long press capacity for full fuselage support
- Bladder and mandrel tooling customized per project
- Computer controlled autoclaves
- Extrusion for tooling seals – Silicone, EPDM and FKM
- Catia and Solidworks for 3D modelling
- Material prep calendars

PRODUCTS & SERVICES

- Development of elastomeric solutions to support a wide range of composites manufacturing processes and structures
- Elastomeric bladders for complex, integrated composites structures
- Elastomeric mandrels to form stiffened composites skin structures
- Elastomeric cauls and intensifiers to reduce per-ply thickness variations
- Reusable Vacuum bags to form a wide range of composite parts
- Our ability to mold, seam or extrude elastomers and utilize specific reinforcements to tailor product behavior and customize elastomer formulations with unique characteristics ensures optimal solution for each application

