

Welcome

Our vision

To be recognized by our customers as their most valued partner in providing engineered seals, gaskets and composite solutions.

Integrated Polymer Solutions operates manufacturing businesses exclusively focused on polymers such as elastomers and composites.

With in-house compounding capabilities, design expertise and extensive manufacturing capacity, we offer innovative, start to finish engineered solutions which enhance product performance for our customers.



Integrated Polymer Solutions manufacturing sites combine in-depth experience in working with advanced materials with an unwavering commitment to service and quality, with both locations certified to AS9100 Rev D.

WORLDWIDE EXPERTISE,
KNOWLEDGE, SUPPORT
AND SERVICE



Corporate HQ
140,000 sq ft State of the Art Facility

Aerospace & Defense Programs

- Commercial Aircraft
- Military Aircraft, Land Systems and Marine Programs
- Space Launch Vehicles
- Rotorcraft

Other Industries

- Electronics
- Communications
- Oil and Gas
- Medical Devices
- Transportation
- Industrial



Manufacturing Locations

Long Beach, California USA

3701 Conant Sreet,
Long Beach, CA 90808

Phone: 001.562.354.2800

Email: info@rubbercraft.com

Sheffield, UK

Haigh Moor Drive, Brooklands Park,
Sheffield S25 2JY, UK

Phone: +44 (0) 1909 560 203

Email: sales@nes-ips.com



Manufacturing Engineered
Elastomeric Solutions

Worldwide expertise in providing **Aerospace, Defense and Space solutions**



Capabilities:

- Custom Engineered Molded Components
- Extrusions
- Rubber to Metal Bonding
- Conductive Elastomers
- Fabric Reinforced Components
- Design Engineering
- Material Development, In-house Laboratory & Testing
- Color Matching with Photospectrometer
- Advanced Elastomeric Bladders & Mandrels to support composites manufacturing process

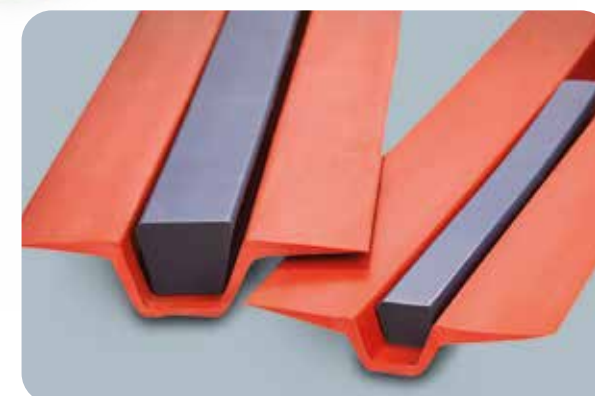
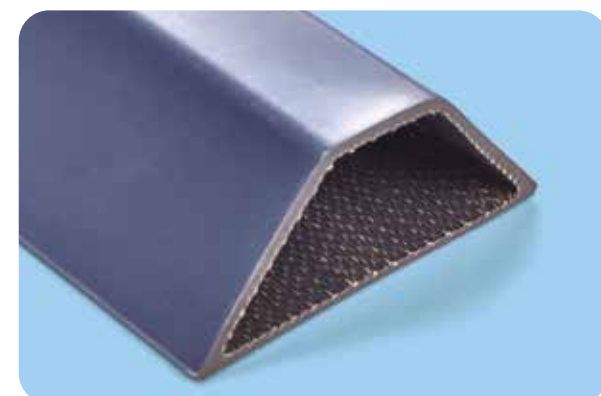
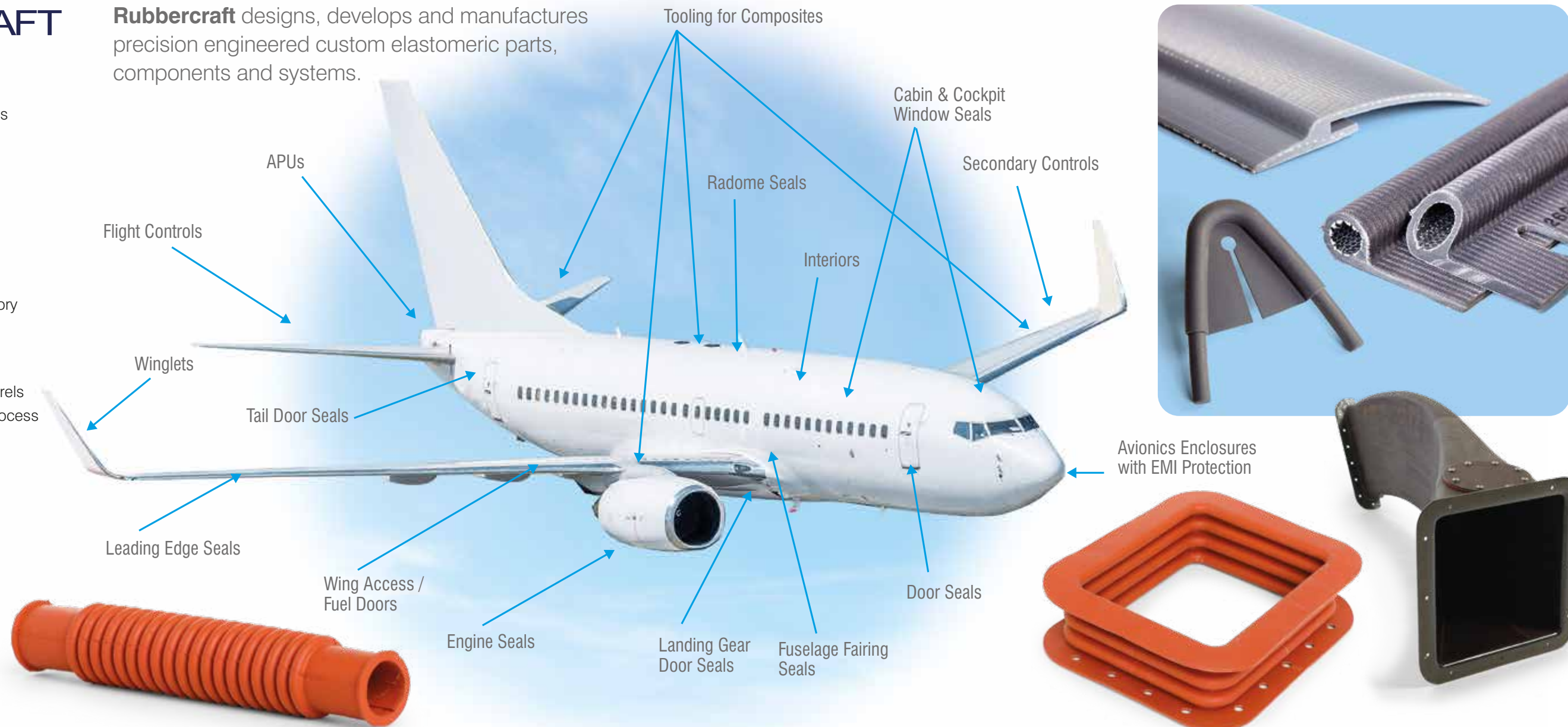
Products:

Seals & Gaskets – Aerodynamic Seals, Engine Seals, Fire-Proof/Barrier Seals, Hoses, Ducting, Bellows, Conductive EMI and RFI Shielding Gaskets

CFE – Bladders, Mandrels

Speciality Products – Composite Parts, Military Eye Guards, Ablatives

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



Dedicated to advancing elastomeric technologies, **NES** is a UK manufacturer with a truly worldwide reach.

Providing effective solutions to high value engineering challenges, NES combines in-depth experience in working with advanced polymers with an unwavering commitment to service and quality.

Capabilities:

- In-house extrusion facilities
- 3D printing capability for rapid prototyping
- Multiple precision mold presses, including capability for infinite inside diameter seals
- Access to group in-house mixing mills
- ISO14644-1 Class 7 Clean Room for molding, extruding and vulcanising
- ISO Class 6 Clean Room for packaging, including vacuum post cure and inert gas
- In-house tooling and grinding capabilities for smooth finishes and extra tight tolerances

Markets and applications:

- A&D
- Chemical Processing
- Energy & Power
- Food & Beverage
- General Industrial
- Pharmaceutical
- Semiconductor
- Transportation

Product range includes:

- Encapsulated seals NCAP® including the NES Astra Seal®
- Hot vulcanised o rings
- Precision molded products
- Inflatable seals
- Extruded cord and precision profiles
- Rubber to metal bonded parts



Sanders Composites specializes in the manufacturing of custom composite components and custom elastomeric caul components to assist in the layup and curing of composite structures.

Material competencies:

Cored & monolithic composite structures, from carbon, glass, Kevlar fiber reinforced, BMI phenolic, polyimide and silicon resin systems

Process competencies:

Elastomeric and Viton cauls. Hand layup & vacuum bagging on hard tooling, collapsible mandrels, autoclave & oven cure, CNC ply & core kitting, CNC machining, hardware and sub assemblies.