



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



## AIRFRAME & ENGINE SEALS

As a business partner, Rubbercraft delivers added value through a complete package 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, test and install. It's an efficient, seamless and effective approach designed to exceed customer expectations.



Rubbercraft satisfies the stringent demands of safety critical processes.

Rubbercraft is ISO/AS approved for the design of elastomeric components. Our ISO 9001/ AS9100 accreditations signify quality without compromise and we hold numerous other quality certifications and industry approvals.

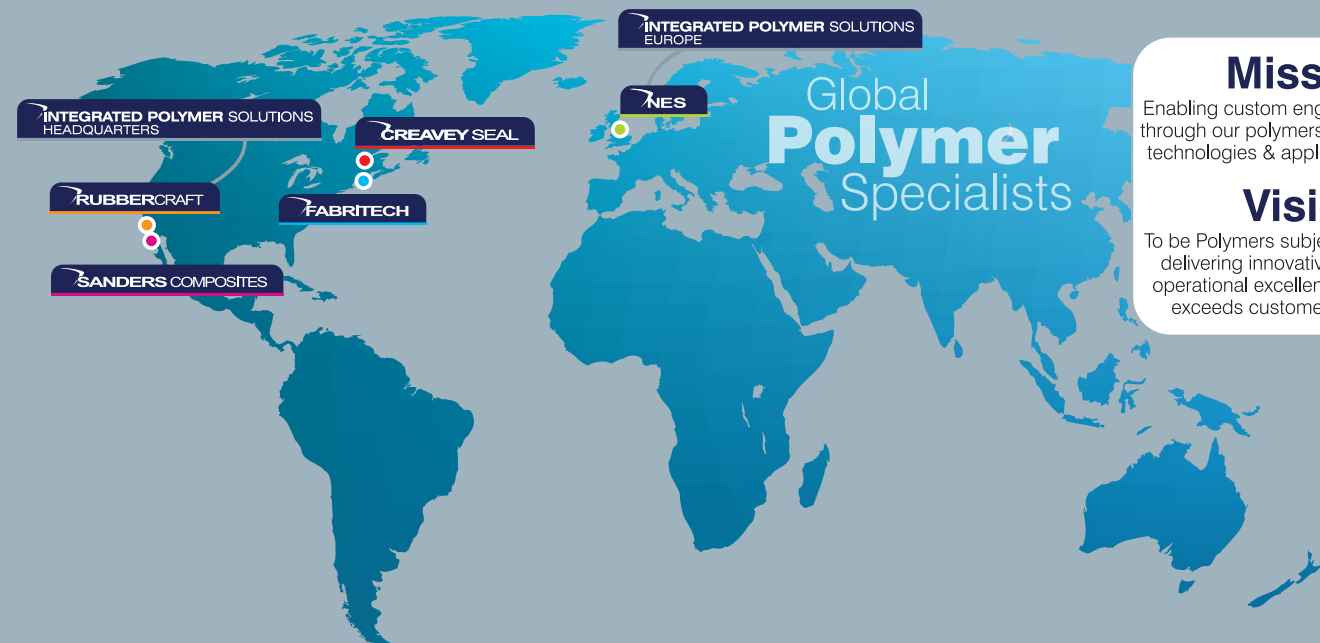
To view our extensive range of capabilities:  
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*“ Rubbercraft draws upon the global strength, presence and expertise of Group members. ”*

PART OF  
**INTEGRATED POLYMER SOLUTIONS**



Global  
**Polymer Specialists**

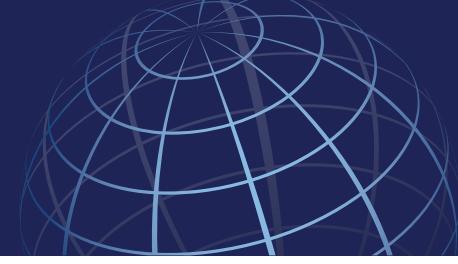
### Mission

Enabling custom engineered solutions through our polymers material science, technologies & applications expertise

### Vision

To be Polymers subject matter experts delivering innovative products and operational excellence that meets or exceeds customer expectations





Rubbercraft is 'closing the gap' providing superbly reliable, quality airframe and engine seals to meet - and exceed - the high level expectations of engineers all over the world.

We manufacture seals that can operate in almost any environment, including aerodynamic loads, mating surface deflection, loads and friction, high temperature and fire proof environments.

Our products are used extensively in aerospace, aviation, defense and medical industries.

From initial concept to full production and system integration, we design, develop and deliver - every time.



“ Rubbercraft has a comprehensive & evolved range of manufacturing capabilities to fulfil any project cost effectively, on time and with 100% quality and performance. ”



## EXPERIENCED

- Experts in every respect** - 110 years of subject matter specialization
- Materially proven** - more than 10,000 custom formulations working to 'close the gap'
- Innovating and advancing** - non-linear FEA capability to shorten time to market and ensure optimum reaction to real-world forces

## INTEGRATED

- Global solutions** - with multiple ISO/AS accreditations including AS9100 for design
- Perfectly positioned** - worldwide manufacturing locations for timely delivery
- Accomplished and able** - to combine disparate materials effectively
- Best practice, without exception** - across the wider IPS product range

## PERFORMANCE

- Continuous improvement culture** - consistently driven
- A world-beating track record** - 100% on time & to specification
- Delighting customers** - with innovative, effective & reliable products
- Scalable & flexible** - from LRIP to large scale production

## SUPPORT

- Supporting our customers** - with interest, involvement and dedication
- Collaborating** - from project concept to completion for a comprehensive and satisfying service experience
- Focusing on long term customer partnerships** - with robust investment plans to keep raising the bar

## FACILITIES



- Purpose-built 140,000 sq feet factory for seal development, new product integration, low rate and full rate production
- On-site laboratory for quality and specification compliance assurance and validation
- AS9100 certified with design approval
- Segregated material compounding cells
- Extensive materials qualifications to international and OEM customer specifications
- No capacity constraints

## EQUIPMENT

- 50 presses, some with vacuum capability
- Various sizes, tonnage and openings to accommodate any tool
- Extensive platen sizes up to 36"
- 10 foot continuous molded lengths
- Optimised continuous length seal press, processing and tooling for standard fabricated seal cross sections
- 4 rubber and silicone extruders
- Material prep calenders
- Color spectrophotometer for interior part match development and validation
- Optical 360 and roamer arm inspection equipment



## PRODUCTS & SERVICES

- Comprehensive product range including fabricated aerodynamic seals, high temperature and fire barrier seals including AC20-135 requirements, color and texture matched interior seals, flexible duct connections, profiles, extrusions and gaskets
- Customized solutions from project concept to completion
- Design simulation techniques including FEA to deliver accurate and cost-effective solutions
- Dedicated in-house customer service team and project management to deliver integrated support throughout entire product life cycle
- Design engineering to AS9100 including CATIA, DPD, Solidworks and Unigraphics



Build to **Print**,  
Build to **Model**

