RUBBERCRAFT

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

COMPLETE SERVICE

Build to **Print**
Design to **Spec**

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:
www.rubbercraft.com

Rubbercraft, 3701 Conant St,
Long Beach, CA 90808,
United States

Phone: 562.354.2800
Email: info@rubbercraft.com

RUBBERCRAFT

AIRFRAME & ENGINE SEALS

BUILD TO PRINT, DESIGN TO SPEC

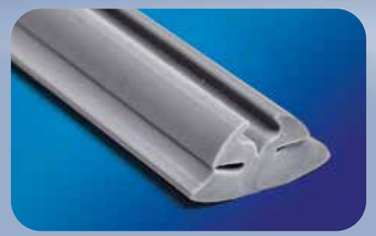
RUBBERCRAFT

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.



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

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