

Precision aero grade elastomeric mouldings, O-rings, seals, gaskets and custom components.



///modern.dark.dusty

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A MEMBER OF
THE WEST GROUP
OF COMPANIES



sbr.aero

Responsive Service

Lean, agile and customer focused we take pride in maintaining an exceptional level of responsiveness for our customers.

Across industry, we have gained a reputation for high performing products and service quality. Our component portfolio is made up of a large range of both standard and make-to-print products.

Quality at our Core

SBR^o is committed to meeting our partners' expectations of a formal Quality Management System:

- AS9100D
- First Article Inspection Report (FAIR) to AS9102
- Net Inspect Compliant
- AS13002 | Requirements for Developing and Qualifying Alternate Inspection Frequency Plans
- AS13003 | Measurement System Analysis for the Aero Engine Supply Chain
- AS13004 | Process Failure Mode and Effects Analysis (PFMEA) and Control Plans
- Zero Defects
- Cage Code: K8779

Custom Solutions

Specialists in custom mouldings, we utilise our technological and industry knowledge to support our customers with make-to-print, NPI and design work:

We produce from some of the most advanced materials available, ensuring superior operational performance and safety. Our capabilities include:

- Critical tolerances
- Design support
- Material expertise
- Reverse engineering

Aero Applications

With over 50 years of experience in the aerospace sector, we have a deep understanding of the industry.

Our products are designed to support our customers' highest specifications across a range of applications including:

- Avionics
- Actuation
- Landing gear
- Interiors
- Fuel control
- Engine systems

Our specialist and standard products are found across a range of applications including: avionics, actuation, landing gear, interiors, fuel control and engine systems as well as other hydraulic and pneumatic applications for many major OEMs.

Processes & Services

- Compression & injection moulding
- Extrusion
- Cryogenic deflashing
- Mould to metal & fabric
- Digital cutting
- 3D printing & prototypes

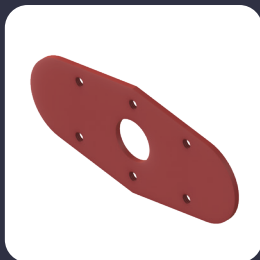
Key Product Benefits

- Performance excellence
- Flexible capability for design into many applications
- Aerospace specification materials
- Compliant with industry approvals & standards

Product Portfolio



Rubber Bonding



EMI & RFI Shielding



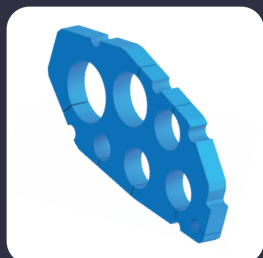
Gaskets



Grommets



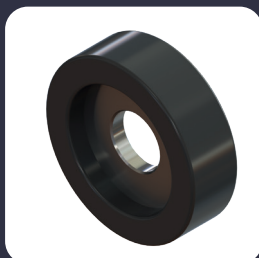
Extrusions



Line Blocks



Gaiters & Bellows



Anti-Vibration



Seals & Diaphragms



Custom & Bespoke Components

SBR Engineering Specifications

With over 50 years' experience in the aerospace sector, we provide specialist industry and product knowledge in order to support our customers' platforms.

Critical to this is our knowledge and ability to manufacture from high performing materials which provides quality reassurance to each of our customers.

Specifications we engineer to:

- SAE – AMS
- Rolls Royce: MSRR
- Def Stan
- DIN
- EN
- French: NFL 17 specs
- ASTM
- British Standard: BS specs
- MoD: DTD specs
- US Military: MIL standards



Materials

- Butyl Rubber (IIR)
- Compressed Non-Asbestos Fibre (CNAF)
- Ethylene Propylene Diene Monomers (EPDM)
- Fluorocarbon - Viton® (FKM)
- Fluorosilicone Rubber (FVMQ)
- Hydrogenated Nitrile Rubber (HNBR)
- Hypalon® Rubber (CSM)
- Natural Rubber / Isoprene (NR)
- Neoprene® or Polychloroprene (CR)
- Nitrile Rubber (NBR)
- Polybutadiene (BR)
- Polytetrafluoroethylene (PTFE)
- Silicone Rubber (VMQ)
- Sponge Rubber
- Styrene Butadiene Rubber (SBR)