

UK-based market leading manufacturer of rubber and plastic mouldings

For more than 30 years, Rubbertech have supplied specialist mouldings for the aerospace, chemical, commercial, food, medical, military and pharmaceutical sectors.

A specialist manufacturer and development partner

With our experience in manufacturing since 1986, we are confident we can help our customers find the best solutions.



Rubbertech is a genuine UK manufacturer, our factory in Gloucestershire has been established for over 30 years

Rubbertech started out making silicone keypads for telephone and television remote controls, which quickly grew to include the instrumentation markets.

Today the instrumentation market is still our majority customer base, but the product range has expanded and evolved. Our UK factory has rubber moulding, printing, spraying and laser etching technologies. Our in-house engineers, moulding expertise, stockholding and inspection areas ensure we offer customers a high-quality precision product with the flexibility that comes from a local supplier.

In addition to our UK moulding operations, we have established strategic partnerships with companies in China over the past 25 years. These collaborations have enabled us to broaden our offering, including liquid silicone mouldings, plastic mouldings and electronic assemblies.



Rubbertech continues to upgrade equipment and facilities in the UK to offer products in diverse materials, featuring specialist coatings and meeting high technical specifications.

The equipment at our UK factory is capable of processing a wide range of modern technical elastomers. Significant investments in recent years have enabled us to completely upgrade all our moulding equipment to the latest computer-controlled moulding presses, ensuring the highest moulding standards.

This allows us to produce mouldings that meet various chemical, temperature, electrical and environmental standards, with the option of metal-to-rubber bonding.

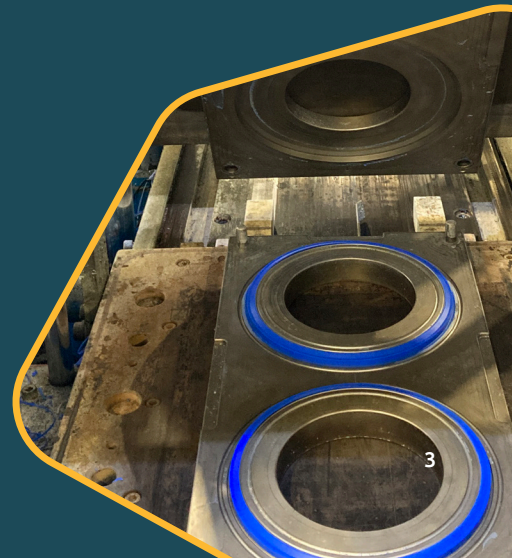
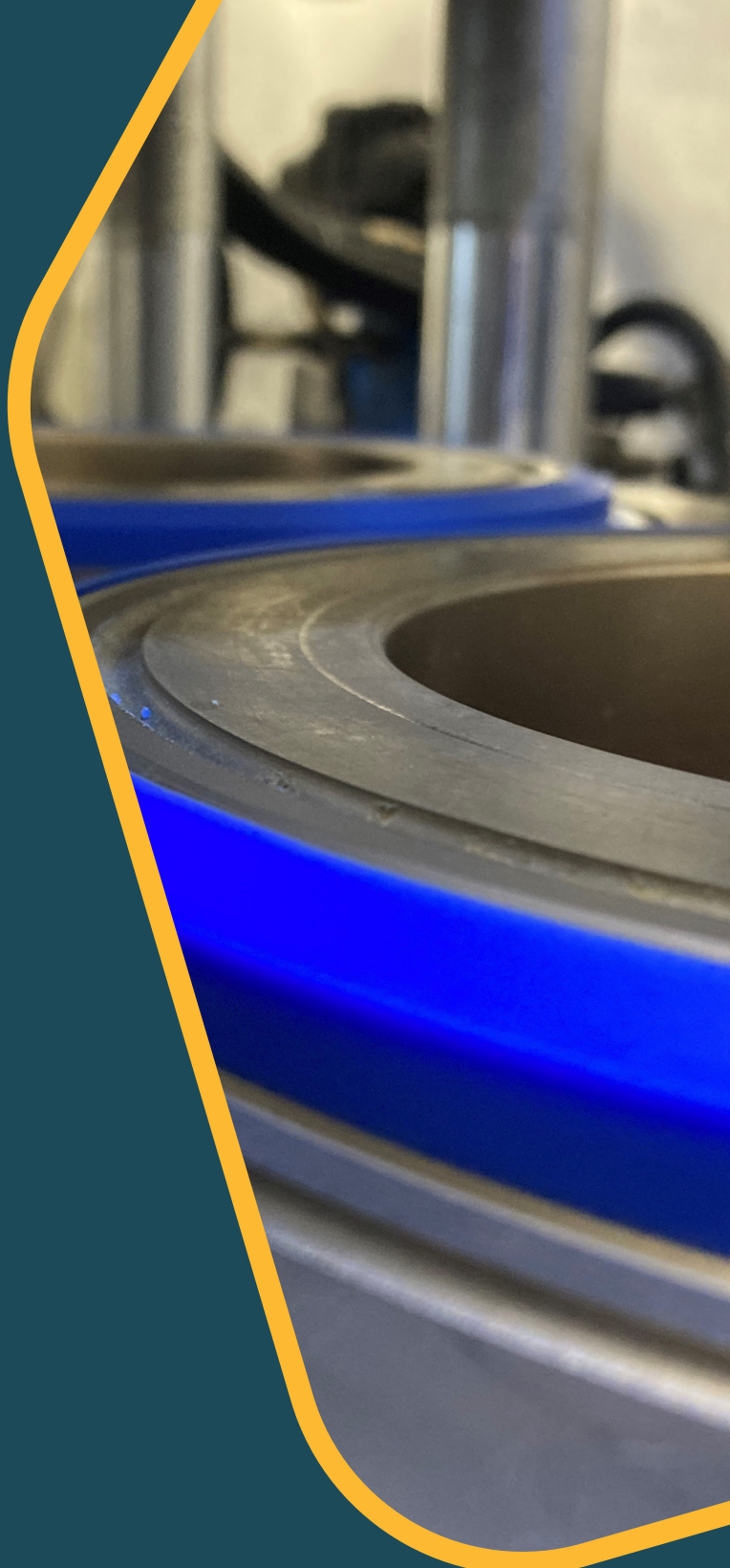
We manufacture rubber mouldings in a variety of materials:

- ▶ Silicone
- ▶ EPDM
- ▶ Neoprene
- ▶ Nitrile
- ▶ Natural rubber
- ▶ Viton
- ▶ Fluorosilicone

When selecting the most appropriate materials with our clients, we take into account the type of rubber moulding, design, operational conditions and environmental requirements.

“ We are very happy with Rubbertech. They provided excellent support throughout the design process to manufacture of a product that we are delighted with and performs just as we intended at the outset. We could not have achieved such satisfactory results without their help and input.”

Martin, Managing Director, Fuel Management Systems



Rubber mouldings

All our rubber mouldings undergo 100% inspection and initial samples supplied with FAI reports. Operating to ISO9001 standards and continuously investing in the latest technology and staff training, we ensure our customers receive high-quality rubber mouldings along with exceptional service.

We provide a wide variety of mouldings to our customers, manufacturing in materials such as Silicone, Neoprene, Nitrile, EPDM, Fluorosilicone and TPE. Additionally, we supply food grade rubber mouldings to the catering industry.

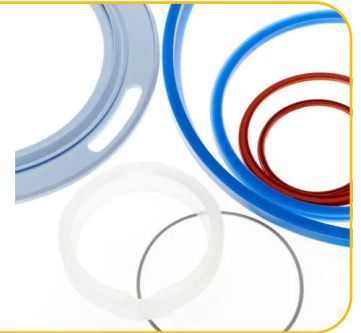
Seals

We supply custom moulded seals, high temperature seals and bespoke seals in a variety of materials tailored to fit the product environment.



Gaskets

We offer die-cut and compression moulded gaskets, working with customers to design and produce the most efficient solution.



Gaiters and bellows

We manufacture to customer designs in a variety of materials determined by the end product and its environment.



Instrument covers

Our bespoke moulded covers offer impact protection and help to extend product life. All mouldings can be overprinted and sprayed.



LSR Over Moulding

A unique over-moulding solution that removes the concern of leakage between the plastic enclosure and mating component.



Food industry

We manufacture custom rubber mouldings for clients in highly regulated industries up to ISO9001 batch traceability compliance.



Keypads

Our keypads can be found in chip and pin devices, fire alarm panels, hospital call alarms, test instruments and many more electronic control systems.

The rubber keypad is still the most popular method of human machine interface due to their tactile nature, huge range of design options and relative low cost.

Custom keypads

We manufacture custom silicone and rubber keypads that are uniquely designed and beautifully finished.



Operation types

The keypad is the interface between user and product, so it is crucial to use the correct switching option for each product.



Backlit

We offer negative printing and laser etching at our UK spraying facilities at comparable costs to the Far East with improved delivery times.



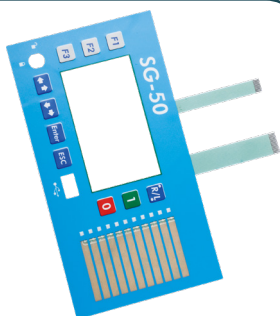
Liquid silicone

We use liquid silicone moulding technology to create complete keypad / plastic over-moulded assemblies with high IP ratings.



Membrane keypads

Membrane keypads offer cost effective switching solutions for electronic assemblies.



Finishing

Our experts can recommend the best methods to achieve a perfect finish; including print, spray, laser and protective finishes.



Plastic mouldings

Rubbertech have been supplying plastic enclosures to the electronics industry for over 30 years. Our experience and long standing relationship with our toolmakers and production partners in the Far East, coupled with our UK manufacturing capacity, ensures a stable supply of high quality product and the very highest standards of engineering expertise.

Rubbertech is a leading supplier of bespoke rubber and plastic injection mouldings with over 30 years of UK manufacturing experience and a 25 year production partnership with experts in the Far East.

Plastic injection mouldings

Our moulding capabilities range from 50T to 425T providing flexibility for most requirements. Our mouldings can be spray painted, printed and even chrome plated to enhance product value.



Double injection mouldings

To further enhance the value and Aesthetic appeal of products, customers often look to over mould plastic to rubber or double inject two different plastics together. Capabilities range from 125T to 380T machines.



Plastic key caps

Plastic caps offer a hard wearing durable feel to the end product and can be printed, sprayed, laser etched, backlit and chrome plated. Plastic caps can be produced in ABS, Polycarbonate and Acrylic depending on the product requirements.



In-mould decoration

A digitally printed film is held in place by vacuum ports during the plastic moulding process, resulting in permanent 3D design on the plastic moulding. This process allows for photo quality hard wearing designs to be manufactured without the need for post moulding operations.



How we work



Rubbertech are committed to quality, continually looking at our processes to improve where possible and 100% inspect all mouldings prior to dispatch. All measuring equipment is regularly calibrated and in house non-contact video measuring equipment is utilised to ensure accuracy.

We are ISO 9001 accredited and welcome customers to visit our factory in Gloucestershire to discuss their requirements and learn about our processes.

With our extensive knowledge and experience, we are confident in our ability to provide solutions that meet your needs.

Rubbertech is committed to providing excellent service and timely delivery, offering to hold stock of parts to reduce lead times. As a UK-based manufacturer, we offer flexibility that a UK agent cannot match, backed by years of experience, local supply, UK-based engineers, competitive pricing and high-quality service.

Faster Lower Cost LSR Prototypes

Utilising 3D printing technology we are now able to create liquid silicone rubber (LSR) prototype components. Although this prototyping option has some size constraints for larger mouldings, it provides accurate functional prototypes quickly and at a relatively low cost.

We design and print the moulds in house and use a process suited to low volume prototyping to create the LSR mouldings. 3D prototyping is significantly more cost-effective and faster compared to using steel and aluminium tools. We can typically turn prototypes around in one week.

“ Our company has been very pleased with the products and services Rubbertech has provided us over the years. Communication during the design phases has been great and they have been very helpful in offering suggestions, if needed, to enhance our designs for manufacturability along with form, fit and function of the product. Delivery is always on time and First Articles are consistently received flawless and in specification. Great company to do business with.”


Ken, Mechanical Engineer, Test & Measurement Solutions.


Rubbertech, established in 1986 is a genuine UK manufacturer of moulded products.

We welcome visitors to our site in Gloucestershire and encourage on-line video meetings to discuss projects, with our experts team offering advice and assistance whenever possible.

Contact the Rubbertech team to discuss your requirements:

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Certificate Number 12500

