



Rubbertech
Rubber Moulding Specialists



Market leading specialist manufacturer of
rubber and plastic mouldings

Rubbertech is a specialist manufacturer and supplier of rubber and plastic mouldings, producing keypads, keyboards, seals, gaskets, gaiters, bellows, and other items, using the latest materials and moulding technology.

We supply aerospace, instrumentation, electronics, medical, power, military, pharmaceutical and chemical sectors.

6 THINGS RUBBERTECH CAN DO FOR YOU!

1. QUOTE FOR YOUR PROJECT:

From enquiry through to initial order we will look to respond as quickly as possible. Supplying us with a 2D or 3D model will allow us to reply quickly with tooling, unit costs and design feedback where required.



ASSEMBLIES



HIGH DURABILITY POLYURETHANE FINISHES

2. MATERIAL ADVICE:

We can mould a variety of materials, with a range of physical properties and chemical compatibilities to suit most applications. Materials we use can be supplied to UL Flame Retardant standards, FDA approval and USP IV class for certain medical requirements.

Tactile keypads are almost always produced in silicone. Silicone is highly inert, has an excellent operating temperature range, is easily colour matched and its physical properties ensure excellent tactile feel and functionality.

Seals, Gaskets and other moulded products we supply can be moulded in Neoprene, Nitrile, EPDM, Silicone, Viton and Fluorosilicone in hardnesses ranging from 20 to 80 shore. Material selection for these mouldings will be determined by the application and operating environment.

Plastic mouldings we supply can be manufactured in ABS, AMS/PC, PC, Acrylic, Nylon, PU and TPE. Injection moulding, 2 shot moulding, overmoulding and in mould decoration processes are available. Plastic mouldings can be printed, sprayed and laser etched.



SOFTER SILKY MATT SILICONE COATINGS. ANTI-BACTERIAL ALSO AVAILABLE



HIGH QUALITY, HARD WEARING AND GLOSSY, RESIN TOP KEYPADS

3. FAST TOOLING OPTIONS:

We can arrange for SLA rapid prototype mouldings for quick testing of new designs and if production quality samples are required we have toolmakers that can produce a hard tool within 10 days for us.



CRISP, CLEAR LASER ETCHING AND BACKLIGHTING



DURABLE PLASTIC CAP KEYPADS

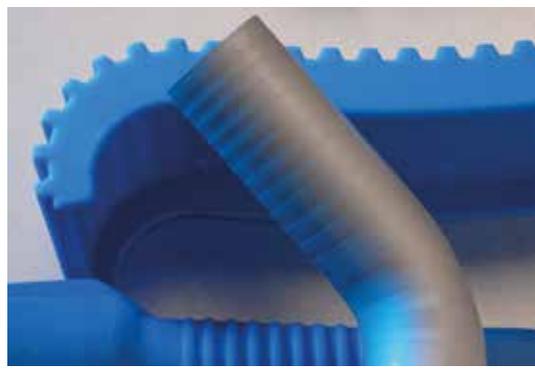
4. FINISHING TOUCHES:

Our silicone mouldings can be colour matched to Pantone or RAL colour references, printed, spray coated and laser etched to add a quality finish to the part. Plastic mouldings can also be printed, sprayed, chrome plated and laser etched to offer a premium feel.

Keypads can be supplied with hard plastic caps, resin tops and assembled to metal dome carriers or flexible printed circuits all with adhesive backing for easy assembly.



**FORCE & TRAVEL
DEMONSTRATION KEYPAD,
FEEL THE DIFFERENCE.
REQUEST YOUR SAMPLE**



PROTECTIVE RUBBER COVERS

5. DEVELOPMENT PARTNER:

Where possible we look to offer our customers advice on design, tooling and prototyping options to ensure the parts meet their requirements. At sample stage we are happy to run parts in different hardness grades, colours and materials to help with product development. With over 20 years manufacturing experience we are confident of helping our customers find the ideal solutions.



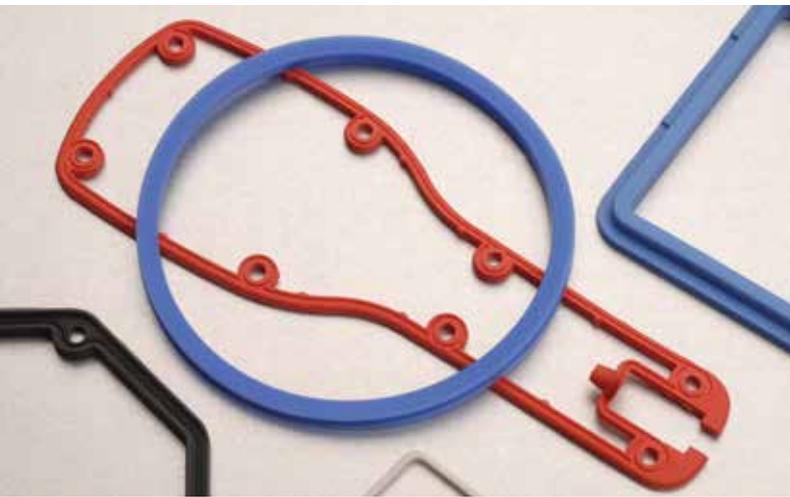
SPECIALIST PLASTIC MOULDINGS



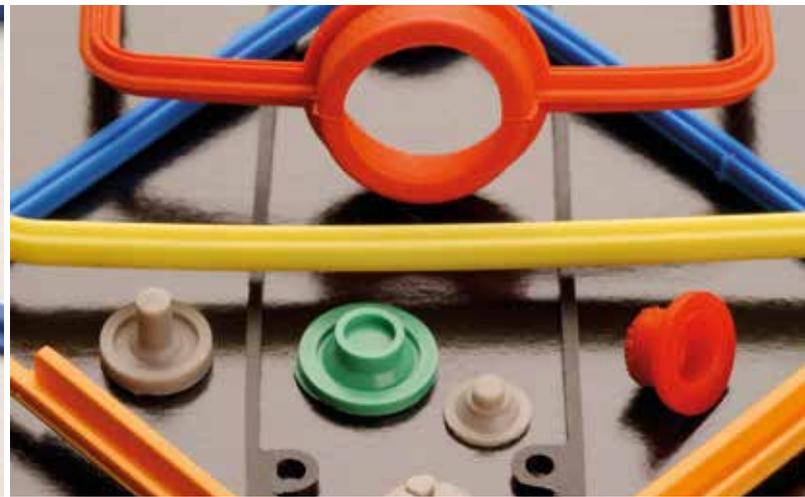
BELLOWS

6. PROTOTYPE TO PRODUCTION:

We manufacture our rubber mouldings in the UK where possible to keep delivery times to a minimum, however for large volume products we also have production in China where mouldings with a high labour content can be produced at a lower cost. All our products regardless of where they are produced are 100% inspected and initial samples from new tools are dimensionally checked using the latest non-contact video measurement equipment.



SEALS & GASKETS



SINGLE BUTTONS, BUNGS & GROMMETS





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