

James Walker Keaflex

Precision elastomer engineering



Innovation – from product design and process engineering to prototype and full production



Precision elastomer engineering



Operating from our modern factory in Bordon, Hampshire, James Walker Keaflex is recognised as an innovative company producing precision components from our comprehensive range of moulding machines. We can rapidly create single cavity tooling through to precision multi-cavity injection moulds.

James Walker Keaflex is more than just a manufacturer of rubber mouldings. We have always designed and manufactured most of our tooling in-house. This helps us to achieve the highest standards of quality and precision in moulded products, often working to tight dimensional tolerances not generally associated with the manufacture of mechanical rubbers.

We work closely with customers to provide a customised service, from design through to prototype and on to full production, providing complete solutions to customers' exacting requirements.





Our fully integrated 2D and 3D modelling CAD/CAM software is directly linked to our machining centres for precise reproduction of injection and compression mould tools. This enables rapid development of prototypes for shorter times to market.

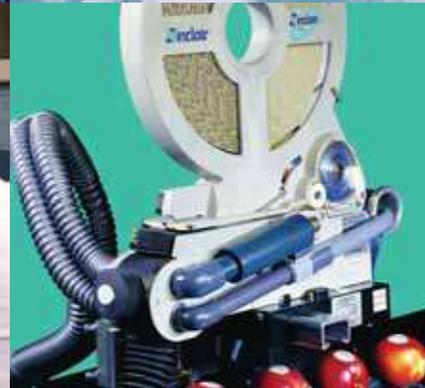
This in-house design capability can be applied from single cavity through to complex multicavity moulds and special purpose tooling, jigs and fixtures. We have a large range of existing mould tools, built up over decades of experience.

Our experienced team of skilled engineers has extensive knowledge of rubber and plastics moulding and machining techniques, including rubber to metal bonding, to provide customers with robust process engineering solutions.



Industries served include:

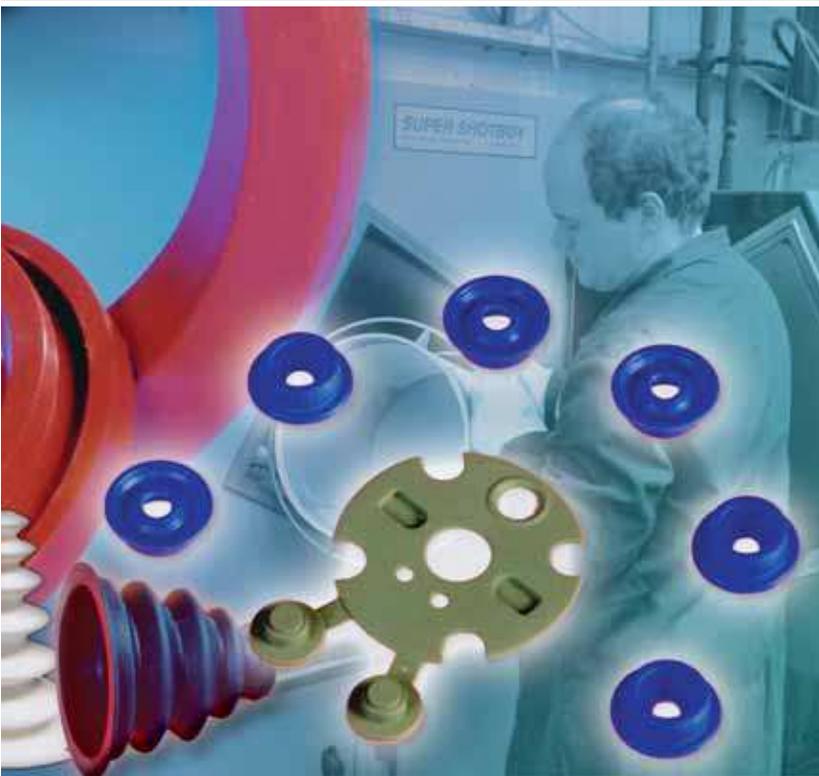
- Aeronautical
- Defence
- Marine
- Food and drink
- Pharmaceutical
- Water
- General industrial



James Walker Keaflex offers a range of technical services on a subcontracting basis, to help its customers develop design concepts through to viable products. Early involvement in the design process helps us advise on value engineering aspects of both tool design and elastomer products, cutting the cost throughout the development process.

The company has a long history of innovation and customer support from product design and process improvement, problem solving, adapting / modifying existing equipment through to manufacture. Our expertise includes the capability to re-engineer existing applications.





Precision elastomer engineering –
Our available materials include:

- Natural rubber
- Silicone
- Butyl
- Neoprene
- Polyurethane
- Fluorocarbon
- EPDM
- Nitrile
- Liquid silicone
- High Nitrile
- SBR
- TPE

James Walker Keaflex

James Walker Keaflex is a member of the James Walker Group, a dynamic global manufacturing organisation that supplies a vast range of specialised products and services to virtually every industrial sector.

James Walker Group has more than 50 production, engineering, distribution and customer support facilities worldwide — backed by extensive IT networks, e-commerce systems and logistics operations — to serve customers in over 100 countries.

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