

# PLASTIC INJECTION MOULDING

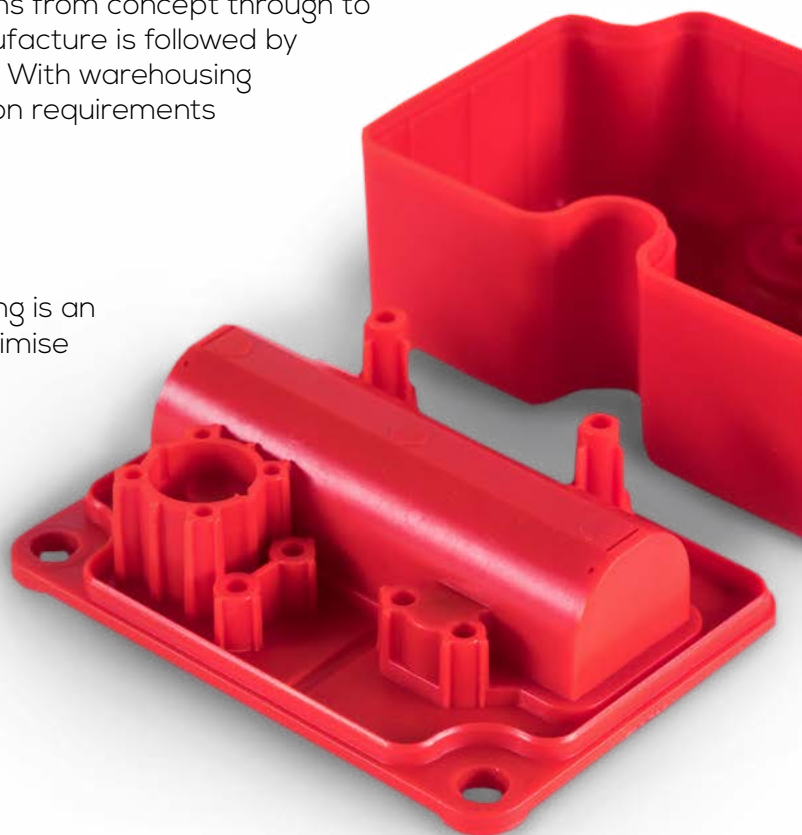
Manufacturing your components in plastic requires careful consideration to a number of key areas. Factors such as environmental temperature and exposure to UV light, as well as structural strength will determine both design and material selection. Over moulding or twin-shot moulding can also be used to enhance the aesthetic or ergonomic performance of your device.

At Gelec, our Project Managers will take your designs from concept through to delivery of component parts. Tool design and manufacture is followed by samples for Engineering qualification and approval. With warehousing in the UK and Hong Kong, we can support production requirements around the world.

## POST MOULD PROCESSES

Adding additional processing of parts after moulding is an ideal opportunity to minimise vendor base and optimise component availability. Our capabilities include:

- ➡ CNC machining
- ➡ Heat staking nutserts, bushes etc.
- ➡ Screen printing
- ➡ Painting / protective coating
- ➡ RFI shielding
- ➡ Sub-assembly



Find out more:  
[gelec.co.uk](http://gelec.co.uk)

Call us on:  
020 8855 0991

Email us at:  
[info@gelec.co.uk](mailto:info@gelec.co.uk)

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## GETTING IT RIGHT EARLY

Rapid prototyping is an effective way of proving your design prior to tooling investment. Unlike 3D printing, our prototypes are often available in similar materials to those selected for volume production, representing the look and feel of parts as well as allowing for some structural testing. Ensuring that fit and function is aligned with expectations helps to minimise the need for tool modifications at a later stage.



## ABOUT GELEC

Founded in 1975, Gelec has earned its reputation as a respected global supplier of high quality and competitively-priced electro-mechanical components. Gelec has a highly reliable and professional team delivering a wide variety of products to even the most exacting requirements. Gelec has offices and warehousing in the UK, China and Hong Kong dedicated to the support of customers throughout Europe, Asia and the Americas.

Scan to find out more



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