

# DESIGN AND DEVELOPMENT

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At SI Protech (UK) Ltd, we provide support to customers with mature products, as well as new companies and developers who lack experience in working with thermoplastics. We serve some of the world's most demanding customers. As a specialised technical moulder we have the ability to support a wide variety of industries at the highest level, with the utmost client confidentiality. Our products feature predominantly in the Automotive, Beverages, Consumer Goods, Cosmetic, Medical and Retail sectors. Our experience in these sectors allows us to understand and adapt to your unique requirements and expectations, and we provide the same professional service for high and low annual volumes.

Through design and development , and the use of patented technologies, we have created or helped to create industry altering packaging solutions including but not limited to the Self-Chilling Beverage Can, the draft beer can widget, and the CO2 cartridge less 5 litre beer keg. For more information on how we can work with your beverage line, please contact us today.

## Services

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SI Protech(UK) can provide innovative product and design for manufacture solutions including the use 3 dimensional solid modelling, rapid prototyping and 3 D printing to bring life to ideas and concepts.

Injection moulding and assembly are our primary processes for producing innovative and high quality components , finished parts and assemblies using automated processes , in line inspection , and welding techniques in low and high volumes.

Our 22000 sq. ft. facility is built around modern computer controlled Negri Bossi injection Moulding machines on average less than 5 years of age.



# Full Concept Services

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- Full 3D Component Design and Modelling
- Fast Prototyping
- Material Consultancy

## **Injection Moulding Services:**

- Close Tolerance Critical Moulding
- Insert and Over Moulding
- Multi Material and Additive Injection Moulding
- Co - Injection Moulding
- Prototype injection Moulding
- Manumould Injection Moulding
- Components ranging from 1mm - 600mm
- Shot weights ranging from 0 - 800g
- Recognised Project management techniques e.g Stage gate development process

We have an extensive knowledge of polymers and work with materials such as Polypropylene, Polycarbonate, Nylon, LDPE/HDPE, PBT, ABS, PC, SAN, GPPS, TPE TPU and many more to create your high quality products.

## Contact Us

Your Name (required)

Your Email (required)

Subject

Your Message

Send