



Technical plastic mouldings

Innovative, precision-moulded plastic components



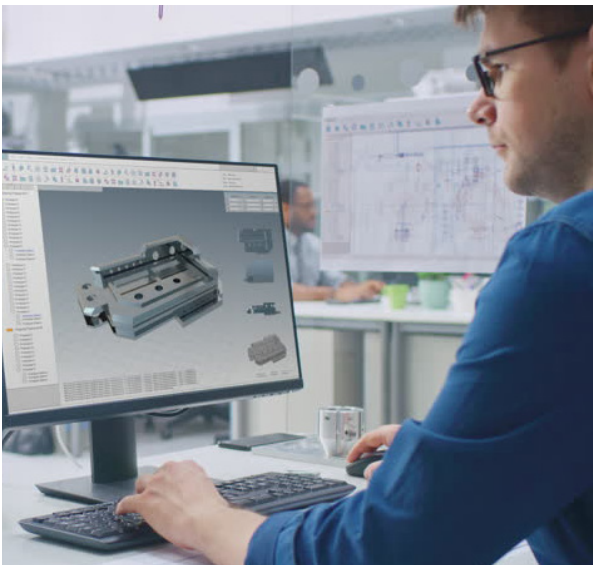
Engineered solutions
High precision
manufacturing
Thinking ahead

Avon Group is a UK market leader in the design and manufacture of technical plastic mouldings for a wide variety of industrial and commercial applications. We have the engineering skills and manufacturing expertise to provide customised solutions that meet the most exacting requirements for customers seeking reliable, high performance parts and components.

We are able to fully support customer design requirements with tool manufacturing capability which enables us to offer turn-key solutions that optimise reliability, reduce cost and minimise lead times. This ensures our customers' product launches and production cycles flow smoothly and uninterrupted.

Our in-depth understanding of materials, including processing properties, specifications and price, always enables us to offer the best value material options for every project. Also, our commitment to meeting and continually improving our environmental standards means we always consider sustainability alongside suitability.

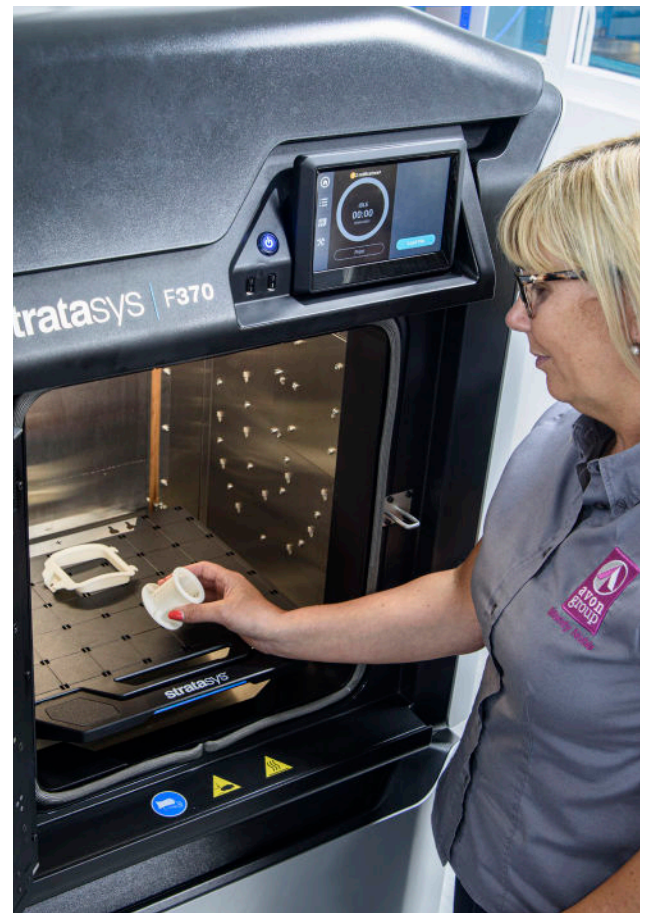


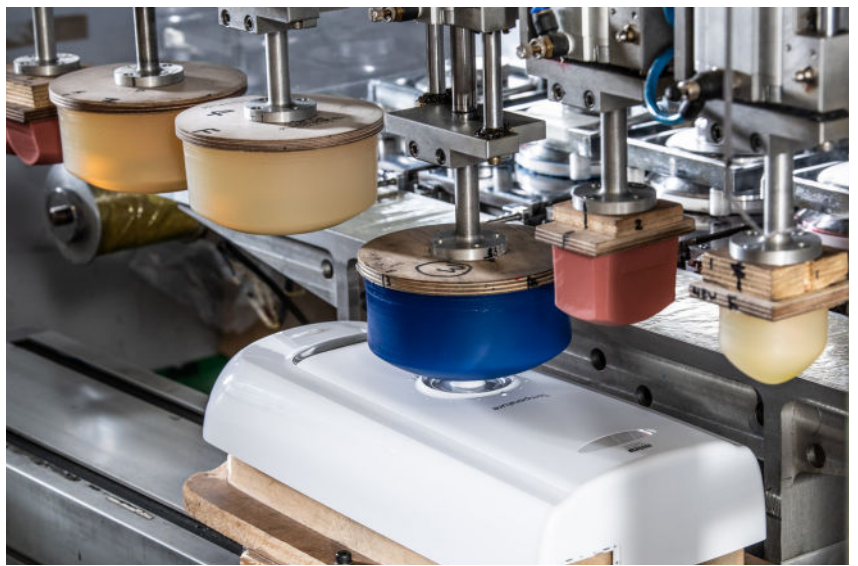
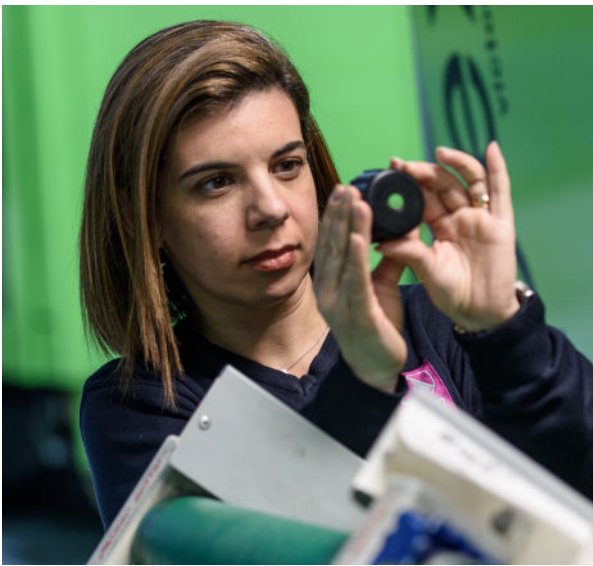


Designed and engineered to perform perfectly

Our design teams, governed by the processes and methodology of the IATF16949 standard, work closely with customers to develop innovative and practical solutions to the most demanding briefs. With extensive CAD design capability, materials knowledge and manufacturing know-how, we're able to develop products and components that outperform - saving customers time, cost and supply disruption.

In-house, one-off or low volume prototyping in a wide variety of materials means we are able to test and evaluate design and functionality before committing to volume production. With skilled, in-house precision tooling facilities, we're able to move from concept to completed product in a swift and seamless process.





High precision moulding production

Constant investment in the latest and most productive plastic moulding technology at several UK-based manufacturing locations ensures we are totally equipped to meet the most demanding volume requirements with speed and high quality results. Our world class manufacturing standards are endorsed by certification to ISO9001, IATF16949 and ISO14001.

Our capabilities embrace injection moulding, over-moulding and insert moulding using a range of polymers to suit even the most demanding applications. This extends to developing and manufacturing metal replacement components as well as products that securely combine metal fixings or attachments. In addition, products not capable of being moulded, may be vacuum-formed offering, customers the ultimate range of manufacturing options. We also specialise in the manufacture, supply and precise fitting of gaskets and seals to facilitate assembly of finished products.

For high quality mouldings where the cosmetic appearance is crucial, we offer a range of post-moulding processes encompassing foiling and multi-colour pad printing. This service is also complimented by pre-production assembly of ancillary components, ensuring finished products are production line ready.





We are highly invested and equipped to meet the most demanding volume requirements. With 'World Class' material handling solutions and press optimisation, we consistently deliver high quality, high speed results.



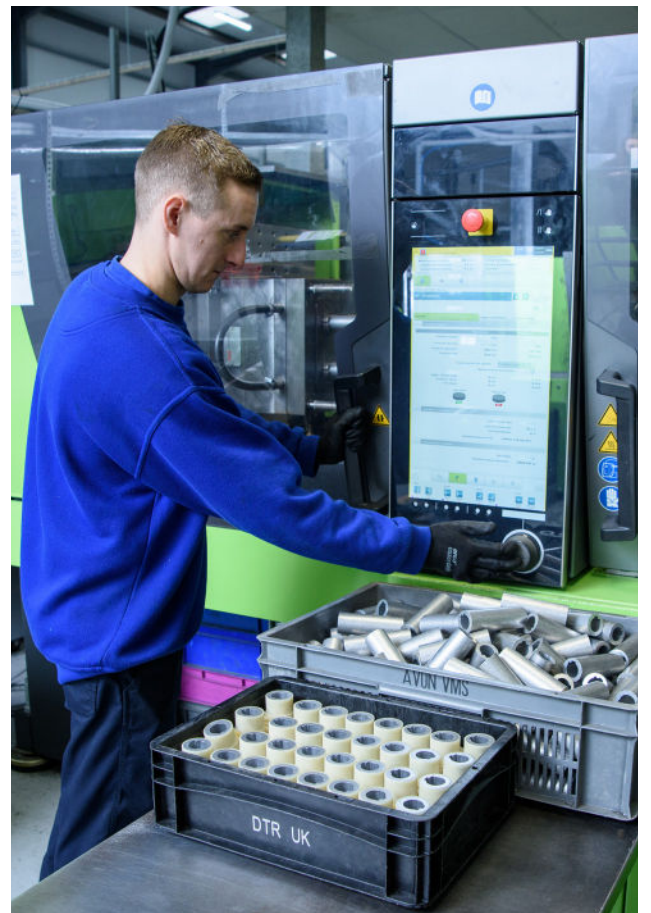


Thinking and planning ahead

Designing and manufacturing products and components to exacting quality and timeline criteria is only part of the wider equation for many customers who have to manage their own, often complex, manufacturing and supply chain logistics.

So, our partnership with customers is crucial to help plan and forecast likely demand and to avoid production disruption or unnecessarily high stock-holdings.

We also share our customers' aspirations for more environmentally sustainable products and achieve high rates of waste reduction and recycling throughout our production process.



A solution for every
high performance
moulding requirement



Automotive

We have extensive experience in the development and manufacture of technical components to the automotive industry ranging from plastic moulded pipework & couplings, through to specialised suspension components and metal replacement parts. Our extensive knowledge and expertise in this sector enable us to develop unique, high performance solutions.



Manufacturing

Wide ranging capability to produce mouldings using high quality materials that are ideally suited to their operating environment, means we are experts in providing technical components to product manufacturers seeking high performance, cost effective and often pre-assembled products and components. Whether for white goods, heating equipment, or plumbing fittings, we're able to guarantee uninterrupted production line supply and reliable product performance.



Commercial

Our work in the commercial sector is diverse and focuses on solving an array of challenges using the optimum material choices combined with robust, well-engineered products. From components in heating and ventilation systems through to filtration plants, heavy plant & machinery, medical or military applications, we'll manufacture the best-performing solution.

Avon Group consists of individual businesses that offer a unique range of engineering and manufacturing skills. These businesses all have extensive capabilities to design and manufacture products using a wide range of different materials that provide innovative solutions to manufacturing and industrial problems.

The Group is one of the largest suppliers of sealing gaskets for aerosols in the world, a major manufacturer of specialist parts for the automotive industry and an industry leader in the design and manufacture of specialist sealing, insulation and protection products for industry, using plastic, foam and rubber as well as other synthetic and composite materials.

With extensive design and manufacturing capability in the UK, the Group serves the needs of customers at home and around the world.



www.avon-group.co.uk

