

TIMATSO[®]

TIMATSO INDUSTRIES LTD



RUBBER MOLDING

Discover advanced rubber molding solutions designed to deliver precision, strength, and reliability across diverse industrial applications.

WWW.TIMATSO.COM

TIMATSO® Rubber Molding

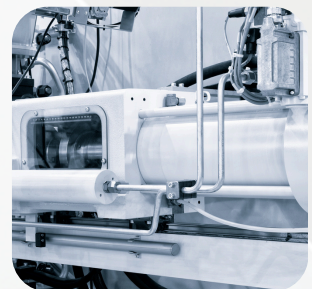
Rubber molding transforms raw elastomers into precise, durable components under controlled heat and pressure. The process ensures uniform shapes, strong bonding, and reliable mechanical properties for industrial applications. Through advanced molding techniques and strict quality control, Timatso delivers consistent performance, dimensional accuracy, and long-lasting resilience across every molded component.

About Us

Timatso is a manufacturer of high-performance sealing and protection components for industrial machinery. With a focus on quality, precision, and innovation, we serve customers across diverse industries, from automation to heavy manufacturing.

Our products are developed using advanced materials and tested under real operating conditions to guarantee reliability and longevity.

At Timatso, our mission is to deliver dependable protection solutions that enhance performance, reduce maintenance, and support our clients in achieving operational excellence.



About our Rubber Molding

Rubber molding is essential for achieving precision, consistency, and durability in modern component manufacturing. It transforms raw elastomers into high-performance parts through controlled pressure and temperature, ensuring exact shapes and strong material integrity.

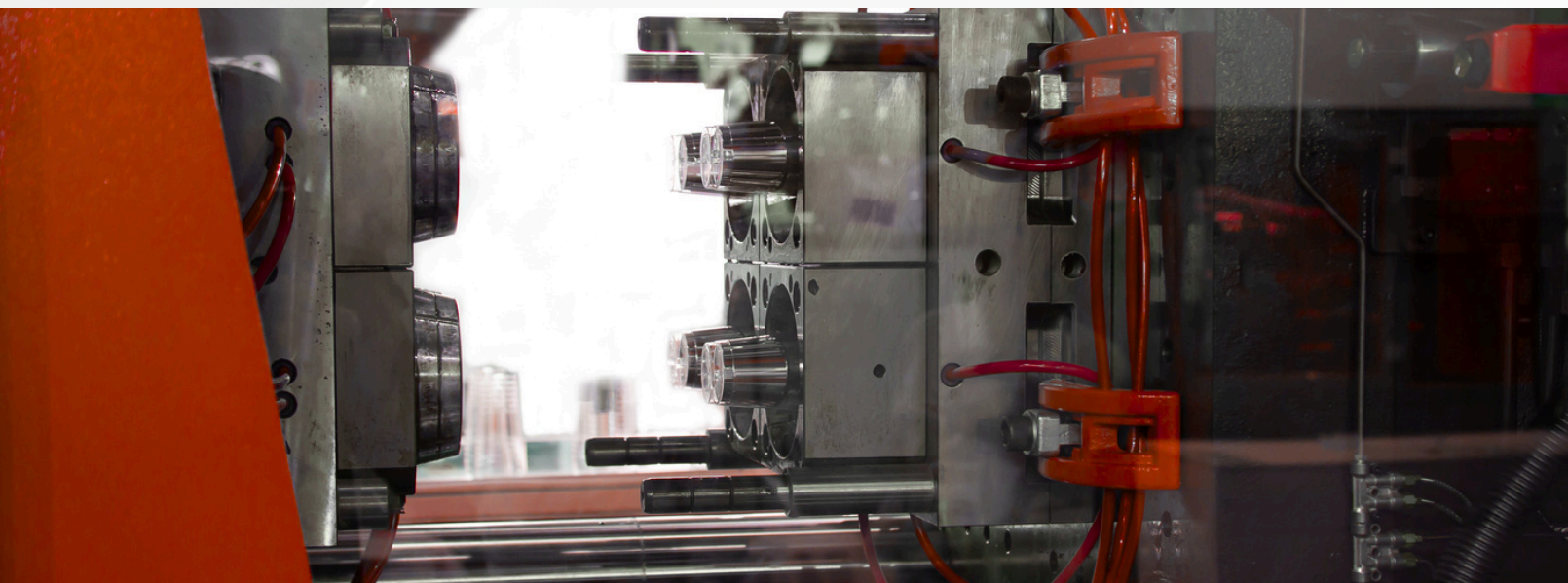
Timatso provides complete rubber molding solutions for industries including automotive, machinery, sealing technology, and general manufacturing. From concept to finished part, our processes are designed for accuracy, reliability, and production efficiency.

Built for demanding environments, Timatso molded components deliver lasting performance, flexibility, and dimensional precision.

Vulcanisation: Strength through precision bonding

Vulcanisation is the process that gives Timatso rubber/steel components their durability and flexibility.

During production, rubber and metal are permanently bonded under heat and pressure, creating a seamless connection that resists wear, oil, and mechanical stress. This ensures each wiper maintains its form and performance even under demanding industrial conditions.



Compression Molding



PRECISION FORMING

Compression molding is a highly efficient process for producing durable rubber components with consistent geometry. Raw material is placed into a heated mold cavity and shaped under pressure to achieve exact form and surface finish.



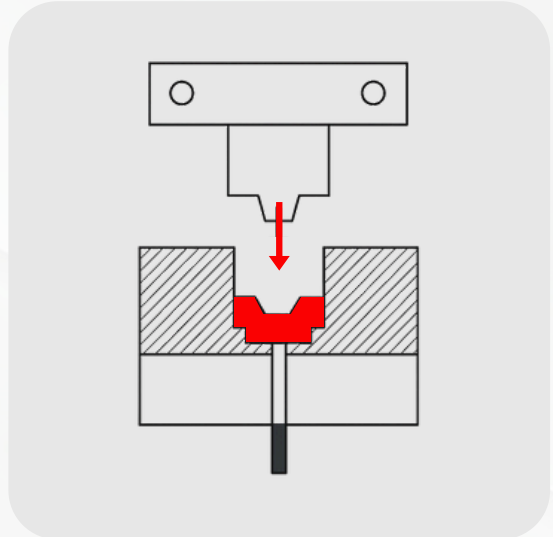
CONSISTENT QUALITY

Timatso's advanced compression molding systems ensure uniform heat distribution and pressure control, resulting in stable material properties and minimal variation between parts.



COST-EFFICIENT PRODUCTION

This process is ideal for medium to large production runs, combining reliable repeatability with optimized material use and reduced waste.

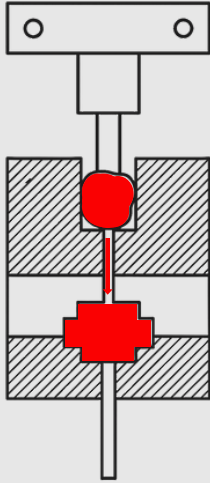


Timatso compression molding delivers precision, strength, and efficiency.

By combining controlled pressure and temperature, it ensures high dimensional accuracy and dependable performance for every molded component.



Transfer Molding



Timatso transfer molding combines precision flow control with design versatility.

It delivers consistently clean surfaces, tight tolerances, and superior quality for demanding industrial applications.



CONTROLLED ACCURACY

Transfer molding enables the production of complex rubber parts with tight tolerances. Material is preheated and transferred into a closed mold through a channel system, ensuring even flow and precise cavity filling.



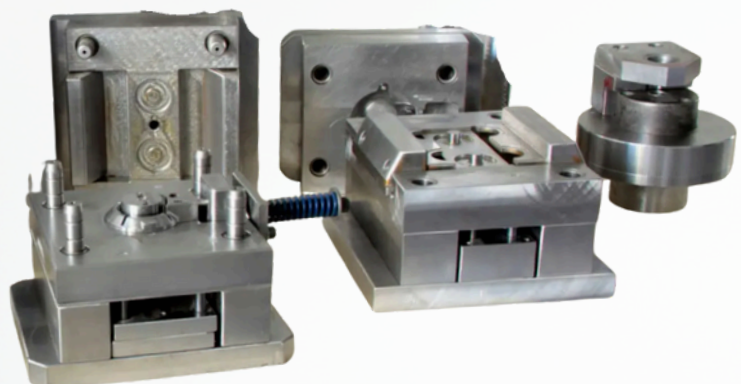
REDUCED FLASHING

This method minimizes excess material and surface imperfections, providing cleaner, more accurate parts suitable for technical and sealing applications.



DESIGN FLEXIBILITY

Timatso's transfer molding technology supports intricate geometries, inserts, and multi-cavity designs, making it ideal for high-precision industrial components.



Offset Molding

✓ CONTINUOUS PRODUCTION

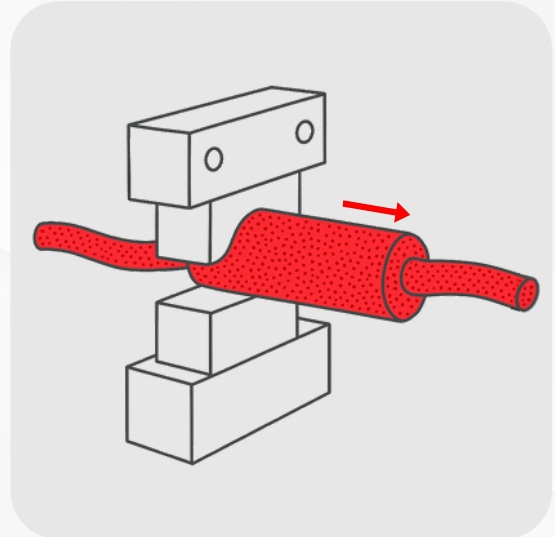
Offset molding allows the creation of endless rubber profiles by partially demolding each cycle. The unfinished section remains in the mold while new material is added, enabling a continuous molding process without visible connection lines.

✓ SEAMLESS QUALITY

This method ensures uniform material bonding and a flawless surface finish. The result is a continuous, high-quality rubber profile with consistent strength and elasticity throughout its entire length.

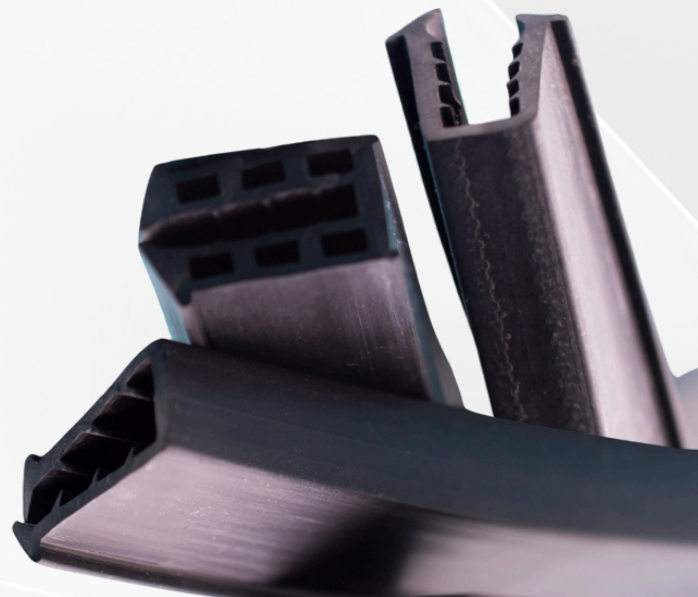
✓ PROCESS EFFICIENCY

Ideal for long extrusions and sealing applications, Timatso offset molding combines precision tooling with controlled pressure and temperature, achieving smooth transitions and minimal material waste.



Timatso offset molding enables continuous production of seamless rubber parts.

Through controlled, step-by-step molding, it delivers consistent quality, perfect surface finish, and truly endless profiles.





Innovation in Every Mold

Rubber molding at Timatso combines traditional craftsmanship with modern engineering.

Each project begins with understanding the customer's requirements and selecting the most suitable process and material to achieve the desired performance.

By applying precise temperature control, optimized tooling, and advanced molding techniques, Timatso continues to push the boundaries of what rubber components can achieve in flexibility, strength, and reliability.

Partnership for Lasting Performance

Timatso works closely with customers to turn technical ideas into functional, high-performance solutions.

From material selection to tooling design and final production, our team supports every stage of development. This collaboration ensures that each part fits perfectly into its application and performs reliably in operation.

With deep process knowledge, advanced production systems, and a customer-first mindset, Timatso stands as a trusted partner for durable, precise, and cost-efficient rubber molding solutions.





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