



DIFFERENT APPLICATIONS

Explore the versatility of silicone in our wide range of applications. Silicone molding and extrusion find their place in diverse industries, solving unique challenges. At Sigma, we possess the capabilities and expertise to help you with silicone solutions in different grades and applications, from food contact to medical to general industry or any other special application!

DIFFERENT TYPES

We work with a spectrum of silicone types to meet your specific needs. We have the expertise to deliver silicone types in High-Temperature Vulcanizing (**HTV**) for extreme conditions, Room-Temperature Vulcanizing (**RTV**) for flexibility, or Liquid Silicone Rubber (**LSR**) for precision.

DIFFERENT METHODS

Our technical capabilities extend to various molding and extrusion methods. We will use the technology that will bring your ideas to life with precision and efficiency from our manufacturing methods of **compression**, **injection**, **transfer** molding, or **extrusion**.

Latest addition to our silicone capabilities: SILICONE EXTRUSION

Silicone extrusion is a specialized manufacturing process where high-quality silicone materials are precisely shaped into custom profiles, seals, and components. This versatile technique allows for the creation of silicone products tailored to specific applications. Whether it's for the medical, automotive, or industrial sectors, silicone extrusion ensures durability, flexibility, and consistent quality in every product. Any 2D geometry of your choice is possible with a low investment cost and short lead times with extrusion, be it vertical or horizontal extrusion.



Co-extrusion of different colours, as well as hardnesses are possible without the risk of bleeding between materials and colours!

Lastly, **sponge silicone** offers flexible solutions for a wide range of applications with its reduced density and low compressive force.



Further questions? CONTACT US

Kindly contact your usual contact person within Sigma if you are an existing customer. If you have not been in contact with us before, don't hesitate to contact us here:

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“SHAPED FOR YOUR SUCCESS

We don't just want to be your supplier but your partner from start to finish. With you in focus, we provide specialized polymer molded and extruded solutions for niche applications. Every development is special and uniquely tailored for our customers.