

Moulded **silicone** parts

MEDICAL TECHNOLOGY

Liquid silicone rubber (LSR) / solid silicone rubber (HCR/HTV)
moulded parts and two-component assemblies
for the medical technology industry





MEDICAL TECHNOLOGY

Many years of expertise in liquid silicone rubber

Medical technology places high demands on the quality, functionality and durability of silicone and silicone products – M+S Silicon Form-teile satisfies these. We have been producing small and large liquid silicone rubber series since our foundation.

Materials for the medical technology industry

We use approved materials, which have properties including biocompatibility, for the medical technology industry. In addition, the materials are approved according to USP class VI and ISO 10993. Liquid silicone rubbers with the aforementioned special properties are now frequently used in precise medical applications. We can flexibly adapt the solid silicone rubbers developed by us to the strict requirements of our medical customers.

Cleanroom innovation

Our many years of expertise in handling liquid silicone rubber makes a significant contribution towards the development of two-component products made from silicone and plastic. A cleanroom of class 7 or 8 for the production of moulded silicone parts in accordance with medical regulations now represents a further development step.

We work in conformity with the industry-specific ISO 13485 certification. We pursue additional added value by means of added-value services, such as the packaging of silicone products in special blisters.





FORMTEILE



- 1 | Cutlery holders
- 2 | Needle-free adapters
- 3 | Two-component assemblies
- 4 | O rings
- 5 | Membranes
- 6 | Respiratory masks
- 7 | Control panel
- 8 | Hose section

M+S Silicon Formteile GmbH

M+S Silicon Formteile GmbH, founded in 2003, develops intelligent solutions for high-quality products made from liquid and solid silicone rubber. We provide advice in person, plan for the production of your products and precisely tailor our solutions to your needs.

Processing of liquid and solid silicone rubber

Our core competence is the processing of liquid silicone rubber (LSR). We produce versatile components in the LSR process with state-of-the-art injection moulding machines in a 4-shift operation. We also process solid silicone mixtures (HCR/HTV) fully automatically at our facilities. In addition, we apply our expertise in the processing of thermoplastic materials and liquid silicone rubber (LSR) for two-component assemblies.

Added value thanks to additional services

We are expanding injection moulding with attractive services. These include personalisation of products by means of tampon and laser printing technology and/or foil stamping as well as installation work and assembly production. On request, we deliver our products in sterile packaging, take on the post-curing process as well as different packaging processes. Besides constructive assistance, we offer surface treatment in the form of fluorination and parylene coating.

Quality management ensures peace of mind

Quality is the top priority for M+S Silicon Formteile – this applies to both products and processes. Our company is certified according to DIN EN ISO 9001:2008, ISO 14001:2004+Cor 1:2009 and DIN ISO 50001:2011.



Automotive industry



Construction industry



Trains and buses



Electrical industry



Catering



Household appliances



Mechanical engineering



Medical technology



Sanitation industry



Technical trade

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