



Silicone experts

M+S SILICON M+S FORMTEILE M+S DAMERIUS M+S KAYSER

THE M+S GROUP.



Versa

THE SILICONE MATERIAL AND THE M+S GROUP.



The performance profile of the M+S group:

- Wide range of silicone extrusions, mouldings and insulating sleeves
- Modern production methods for consistently high quality and precision
- Own toolmaking for flexible response to customer requests
- Compound development in its own laboratory
- Individual solutions according to specific customer requirements
- Competent advice on products and applications
- Technical Service Department in the facilities on site



tile



SILICONE IS ONE OF THE MOST INNOVATIVE ELASTOMER OF OUR TIME: IT HAS OUTSTANDING PROPERTIES. BESIDES THAT, SILICONE IS SO VERSATILE AS NO OTHER MATERIAL. ALIKE THE VERSATILITY OF SILICONE IS THE COMPREHENSIVE PRODUCTION RANGE OF THE M+S GROUP.

Customer

THE PROFILE OF M+S GROUP.

ADVANTAGES OF SYNERGY. Four independent companies form the M+S group. They are specialists in their field and bring their expertise into the group. At the same time employees share their knowledge with each other and use the joint purchasing pool. These synergies will benefit you as a customer of M+S group.

SYSTEM PARTNER FOR CUSTOM SOLUTIONS.

The M+S group is a system partner: Working closely with you, we develop and produce tailor-made solutions in silicone. Alike the high quality of the products is our service.



oriented



COMPONENTS AND ASSEMBLIES. We offer the full range of silicone products: hoses, profiles, foams and assemblies, insulating sleeveings with and without fabric and mouldings. The M+S companies produce single components or complete assemblies as required.

WIDE VARIETY OF APPLICATIONS. M+S products from silicone can be used for a variety of applications in the electronics and automotive industries, medical technology, household appliances and toys, sealing technology, in windows and doors, as well as many other industrial areas.

OWN TOOL MANUFACTURING. With our toolshop, we can react independently and flexibly: M+S Kayser produces for the needs of the M+S company and also directly to customers who need a specialist for making molds and manufacture of stamping and drawing tools in top quality.

Sustain

THINKING AND ACTING OF THE M+S GROUP.

PARTNERSHIP AND TRUST. Our cooperation is characterized by partnership and trust. Flat hierarchies in all M+S companies will open up direct contact with your desired contacts at any time. Your advantages: easy consultation and quick decisions.

SOCIAL RESPONSIBILITY. The sustainable development of the M+S group to promote and, at the same time to preserve fundamental values shape our strategy. The training and education has a high priority. 10% of the workforce within the M+S companies are trainees who take part in training courses, like all other employees in production and management. As M+S group, we support social projects and assign simple tasks to workshops for people with disabilities.



able



EFFICIENT USE OF RESOURCES. The commitment to the principles of sustainability is part of the corporate philosophy of the entire M+S group. Examples of the efficient use of resources are the heat recovery system, that M+S Silicon installed in 2008. At M+S Silicon Formteile, 50% of the electricity is generated by solar energy in their own company. The Thermal Oxidation (TNV) at M+S Damerius contributes to the reduction of emissions.

ENVIRONMENTAL CERTIFICATION TO DIN EN ISO 14001. From the city of Dortmund, M+S Silicon received the quality award "Ökoprofit Betrieb" for its commitment in the field of environmental protection in 2008. To achieve this, M+S Silicon had to go through a comprehensive certification process. The environmental management system according to DIN EN ISO 14001 has been installed in all companies within the M+S group.



High

THE PRODUCTS AND PROCESSES OF M+S GROUP.

QUALITY MANAGEMENT GIVES SAFETY. Quality is the first priority for the M+S group - this applies to products as well as processes. The M+S companies are DIN EN ISO 9001: 2008 certified. In addition, you can be sure: The M+S group performs many services in accordance with TS and VDA and meets the required standards.



value



QUALITY RAW MATERIALS, COMPREHENSIVE INSPECTIONS.

The M+S companies use only high quality raw materials, which they receive from reliable German and European partners. This ensures the quality of the silicone products and save long distance transport. Thus, the materials are always readily available. All incoming goods as well as the entire manufacturing process, are subject to strict controls.

QUALITY MADE IN GERMANY. Made in Germany, this is what distinguishes the products of the M+S group. Development, production and sales are united in the individual company "under one roof", the sites closely linked. Highly automated manufacturing technology ensures the constant quality and the precision of silicone products. For you, this means that the conditions for an efficient processing of the M+S products in your production are created.



Compa

M + S SILICON GMBH & CO. KG

Products:

- Silicone extrusions
- Silicone hoses
- Silicone foams
- Edge protection profiles
- Mouldings

Areas of application:

- Automotive
- Electrical industry
- Food Industry
- Medical industry
- Toys



The M+S Silicon GmbH & Co. KG was founded in 2001. It is the origin of the M+S group. Its core competence is the production of silicone extrusions/HTV mouldings. Silicone rubber is processed into a various range of products and adapts to very different demands on shape and design. M+S Silicon produces extrusions, vulcanised moulded edges and HTV-moulded products in any desired color and on the basis of individual specifications, samples and drawings.

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M + S SILICON FORMTEILE GMBH

Products:

- LSR moulded parts
- 2K-parts
- Inserts
- Assemblies

Areas of application:

- Automotive
- Medical Industry
- Biotechnology
- Food Industry
- Optical Industry
- Mechanical Engineering
- Electrical industry



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Silicone mouldings can be used in various industrial fields due to their high thermal and mechanical stability. The M+S Silicon Formteile GmbH manufactures these versatile components in the LSR method on most modern machines in a full 4-shift operation. Precise moulded parts made of injected liquid silicone (LSR) are produced in the desired shapes, designs and colors.



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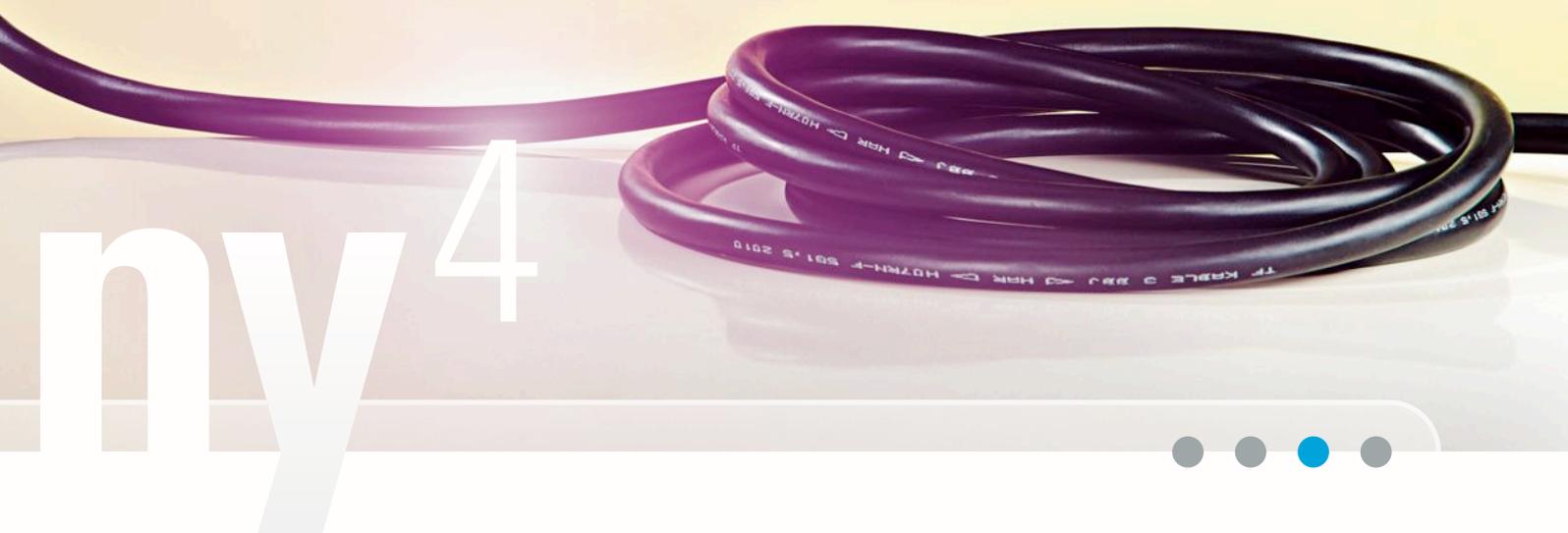
M + S D A M E R I U S G M B H & C O . K G

Products:

- Insulating sleeveings containing fabric of glass fibre, viscose or polyester yarn coated with polyurethane varnish (DD varnish) or silicone dispersion for different temperature ranges
- Insulating sleeveings without fabric, polyurethane and silicone rubber for different temperature ranges

Areas of application:

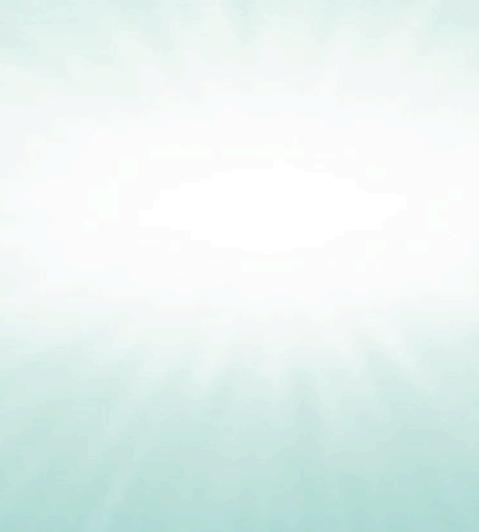
- Automotive
- Electrical industry
- Engine Manufacturers
- Generator Manufacturer
- Mechanical Engineering
- Wind Turbines



Since 2009, the M+S Damerius GmbH & Co. KG belongs to the M+S group. The modern traditional company manufactures quality hoses for the electrical installation for more than 75 years. Products include insulating sleeveings containing fabric of glass fibre, viscose or polyester yarn coated with polyurethane varnish (DD varnish) or silicone dispersion. Insulating sleeveings without fabric is being produced by M+S Damerius in PVC, polyurethane, and silicone rubber, just as the ones with fabric for different temperature ranges. The components are characterized by high abrasion resistance and high mechanical strength. The adhesion between the fabric and the coating is excellent.



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M + S KAYSER GMBH

Products:

- Molds
- Progressive tools including manufacturing of products
- Drawing and forming tools from carbide for drawing machines for the redrawing of tubes and bars.
- Polishing and transport discs, stocked on request in solid carbide or carbide
- Rollers
- Profile, straightening and transport rollers
- Special tools according to customer specification

Application technology:

- 3D milling
- CNC turning in combination with off-center drilling and milling with high dimensional accuracy
- Internal and external grinding
- NC surface grinding
- CNC EDM
- Stamping



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As a specialist in the mold design and manufacture of stamping and drawing tools M+S Kayser is a member of the M+S group since 2006. With an experience of more than 60 years, M+S Kayser manufactures tools for the M+S group and for customers from different kind of industries. Whether eroding, grinding, CNC milling, CNC turning: Modern machines and careful controls ensure the accuracy of the tools.



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Partner

THE SERVICE OF M+S GROUP.

DEVELOPMENT PARTNERS FOR COMPOUNDING. Tailored made as the product solutions are also the services of the M+S group. As development partners the M+S companies provide its comprehensive product and production know-how. Our experienced staff will determine the process requirements for the efficient production of innovative silicone mixtures.

APPLICATION TECHNICAL SUPPORT. A system partnership also includes the technical service. On request, M+S technicians accompany the implementing of the silicone products in your production processes and help with problems.



ship



GLOBAL PLAYER IN DIALOGUE. As a global player, the M+S group supplies silicone products on the markets of the world. We control the sales centrally from Germany. We are in constant dialogue with our national and international customers. You can meet your M+S contact person at numerous international trade fairs.

THE MATERIAL OF THE FUTURE. What should you expect from the M+S group for the future? Much more than you think today! We venture this prediction, because we know what a huge development potential silicone has. With all our experience, our specific know-how and steadily expanded capacities we are working to make silicone usable for applications, which currently perhaps seem an utopia, just as the solar power 10 years ago. What visions are to become reality for you? Let us shape the future together - with the material of the future: silicone!