



**CONNECTORS**

Connecting Technology for Pharma & Biotech.

# **CUSTOM-MADE SINGLE-USE SILICONE MOULDINGS**



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# COMPANY PORTRAIT

Connectors AG specialises in connection elements for liquid sterile technology for use in the pharmaceutical and food industries. In order to meet the stringent requirements for process equipment and sterile tubing systems, Connectors AG has developed a siliconebased system: custom-made single-use silicone mouldings.

We offer our customers high-quality products manufactured under clean-room conditions, which are distinguished by their technical finesse and proven mechanical properties. As an innovative thinker, planner and partner, we pay particularly close attention to our customers' specific needs. Thanks to a continuous product development process that is driven by our commitment to addressing requirements as they arise, we can provide the best possible and most cost-effective solutions.



## Connectors and its partners

Connectors AG was founded in 1985. Thanks to our many years of engineering and production experience and our strong alliance with a range of partners, our customers benefit from an extensive product range and short delivery times.

## Swiss Technology – customized rapid production

Thanks to strong partnership with an European NORMA Group factory we have all capabilities for a fully customized rapid production of a single-use systems. We own the whole production process, which allows us to keep world-wide known Swiss quality of our products. We develop, engineer and deliver product solutions, which answers exact customers' needs even quicker and more accurate.

We offer our expertise, technology and manufacturing capabilities to work out perfect solution on every stage of the project – even on the level of very initial product idea.



## Custom-made single-use silicone mouldings

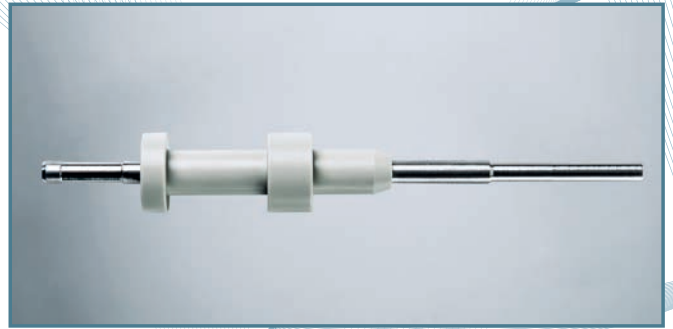
The new single-use process system for the pharmaceutical and food industries

The principle of this system is practical and hygienic: use once and then dispose of it. Long interruptions to production for sterilisation between batch runs are avoided and the requirements for cleaning validation are simplified.

Single-use silicone mouldings are ideally suited for use in pharmaceutical processes and the food industry. They are made up of different individual components, which are delivered as complete single-use process systems.

The products are manufactured and the systems packaged under clean-room conditions. The products as well as the production and cleaning processes go through comprehensive checks and are subject to strict quality standards. All tests on the end product have been carried out at accredited laboratories.





## What are single-use systems?

Objects made from silicone for a single use in biopharmaceutical production applications.

### Advantages of single-use systems:

- Ready to use
- Modular design yields economic benefits
- Short changeover times, meaning less machine downtime
- Minimisation of cross-contamination risks
- Less validation outlay
- Simplified handling
- General minimisation of safety risks



### Possible areas of application

- Sampling
- Fluid transfer
- Aseptic filling



## Why choose single-use systems from Connectors?

- Customer-specific prefabricated system (customised products)
- Own manufacturing facility – short production times
- Small batches also possible
- Manufactured under clean-room conditions
- Extensive expertise in silicone material
- All systems are gamma-sterilised, double-packed and delivered ready to use
- All certificates are included in the delivery (FDA/USP Class VI), with the traceability of all components guaranteed

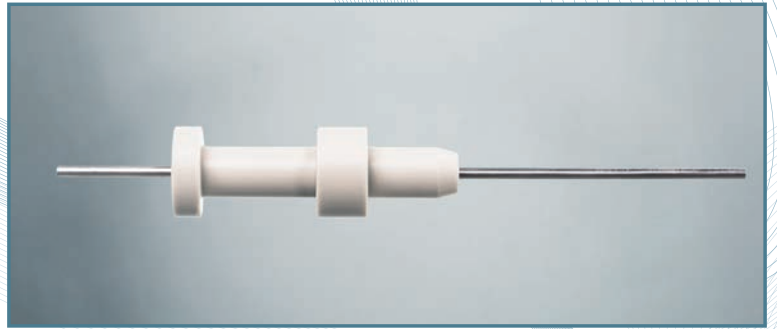
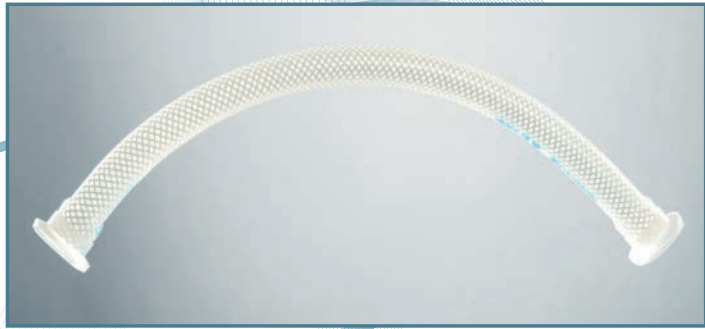
### **Benefits of single-use systems in the area of aseptic filling:**

(Example: regulator/needle systems for filling equipment)

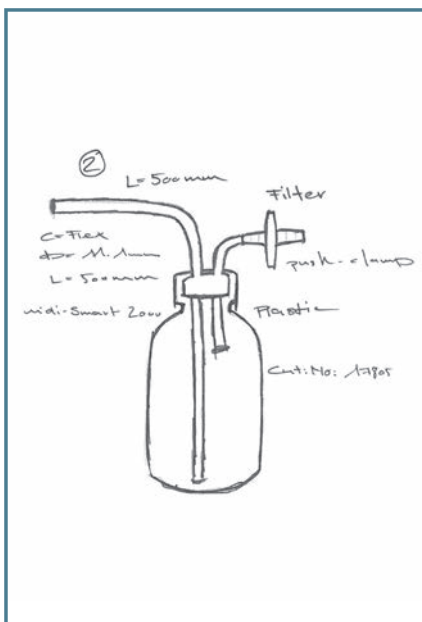
- Low risk of cross-contamination
- No problems with cleaning or sterilisation of the needles
- Minimisation of machine downtimes (a few minutes as opposed to several hours)
- No revalidation required after cleaning/sterilisation process (less paper)
- As a result, significant cost reduction and increased productivity
- Increased capacity with no additional investment in hardware required

### **Benefits of single-use systems in the area of fluid transfer:**

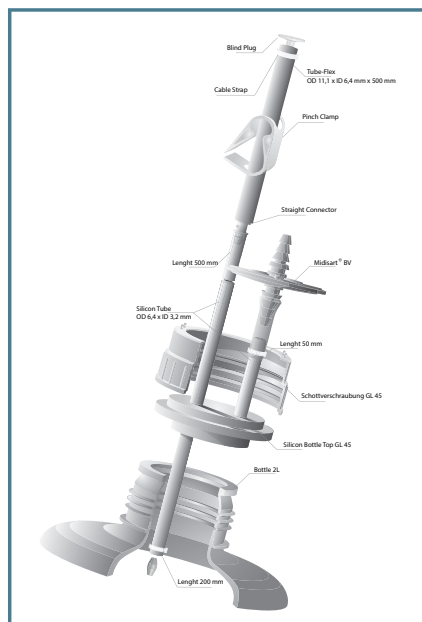
- Low risk of cross-contamination
- No sterilisation with steam or in autoclaves necessary
- Drastically reduced changeover times
- Simplified handling in terms of assembly (e.g. seals integrated in system)



You have a product idea, we have the know-how to implement.



Product idea



Engineering



Product result

## Contact us

Have our products sparked your interest? Do not hesitate to contact our customer service team. Our advisors will be happy to provide you with information on the entire Connectors product range. You can of course also arrange an appointment in order to clarify technical problems and questions on your premises. The Connectors field service team are out and about every day in order to provide our customers with the best advice and to find on-site solutions to their problems.



**CONNECTORS**

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