

ANNEALING OF SILICONE MATERIALS & PARTS TO REDUCE THE DISCHARGE OF SILOXANES

Intelligent and high-quality - SCHLÖSSER has the right solution for your application. We manufacture your technical parts according to the highest quality criteria and reliably assemble, test and clean them.

The annealing of sheets and finished parts made

of silicone foam is becoming more and more important as a further finishing step due to increasing requirements in the electronics industry.

The annealing process is carried out to reduce siloxanes in the component to ensure protection against failure especially in electronics applications.



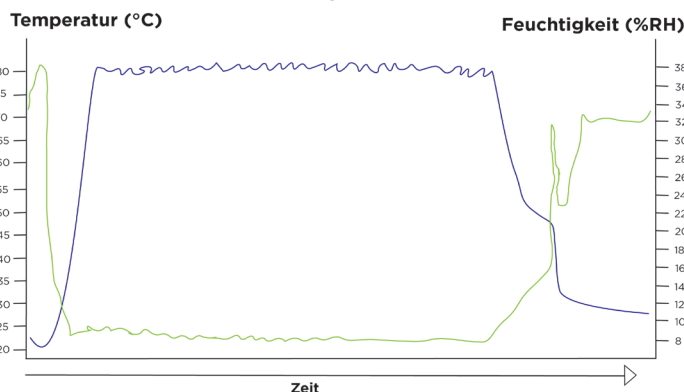
THE ADVANTAGES OF ANNEALING:

Reduction of the discharge of siloxanes to prevent corrosion. The siloxanes are discharged with the aid of temperature, air circulation and annealing time.

The annealing furnace is designed according to DIN EN 1539 for annealing silicone/silicone parts.

The annealing of silicone foam sheets leads to stress reduction in the material and to an improvement in dimensional stability of the parts produced from it.

On request, a verification document with temperature, annealing duration and air exchange rate is provided for each delivery batch. In addition, verification via **headspace GC/MS analysis** is available upon request.



As a competent partner for projects with increased technical requirements, you can rely on us completely. Annealing is suitable for a wide range of base materials in order to increase the quality of your products.

- SILICONE MATERIALS
- TEMPERATURES UP TO 250 °C
- ANNEALING OF FINISHED PARTS AND RAW MATERIALS
- BATCH TRACEABILITY
- RECIRCULATION AIR VOLUME FLOW UP TO 7,200 BM³/H

**WE LOOK FORWARD TO YOUR INQUIRY
AND WILL BE HAPPY TO ADVISE YOU!**

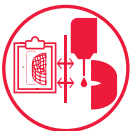
OUR PRODUCT DEVELOPMENT

WE MANUFACTURE YOUR TECHNICAL PLASTIC PART



TECHNICAL CONSULTING

Our technical consultants are available to assist you in developing a solution based on many years of experience in materials, manufacturing technologies and applications. Our main focus is on the optimal and economical implementation of your customer requirements.



PROTOTYPES

With our tool-less production technologies of laser cutting and water jet cutting, we can provide you with initial prototypes for test series, preliminary samples and pre-series within a short time. Changes due to the advancing state of development are no problem and can be implemented quickly.



TOOL MANUFACTURING AND CUTTING PROGRAMS

One of our core competencies is the manufacture of high-quality tools, for which we draw on our rich wealth of experience from over 70 years as well as the latest technological developments. The tools - individually adapted to the materials, tolerances and delivery forms for each customer product - enable a high tool life due to mechanical and reproducible resharpening and the products manufactured from them are produced with the highest precision.



SERIES PRODUCTION WITH INITIAL SAMPLING

Series production at SCHLÖSSER is carried out using the most economical production technology, taking into account the required quantities and technical requirements - whereby we can choose from a variety of different processes for the production of your items. Production takes place after customer approval as part of a sampling process, for example as EMPB or in accordance with VDA Volume 2 or PPAP standards.



LOGISTICS

Depending on your wishes and requirements, we offer various of delivery options to match your assembly process. Parts can be individually separated, bundled, stacked, secured with stacking pins, arranged on a backing liner for adhesive or non-adhesive parts, packaged in blister packs, KLTs, on rolls, or otherwise customized delivered.

SCHLÖSSER GMBH & CO. KG

Gaskets. Technical Parts.

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