

SILICONES and more



Characteristics

Siliconen Culinair®

These silicones are highly liquid and deaerate themselves well.

Description

The Siliconen Culinair is a 2-component (poly-addition) pourable silicone, which cures at room temperature. These Silicones are very fluid and the results provide a high tensile strength. The Siliconen Culinair can withstand temperatures from -40 °C to +280 °C and are suitable for food molds.

Note: Do not let the mold come into direct contact with the heating element.

- FDA Approved and TÜV certified
- Very liquid (self-deaerating)
- Fair resistance to acid / aggressive substances
- Easy to mix
- Strong
- Low shrinkage (<0.1%)

Technical data

Mixing ratio (weight)	[A: B]	1: 1
Pot Life @ 20 ° C	[Min]	60
De-mould @ 20°C	[Hours]	4
Full strength after	[Days]	1

Note: Pot life and de-mould time are highly dependent on temperature! At a higher temperature, the processing time and de-mould time are shorter.

Processing

The Siliconen Culinair are easily mixed by hand. Blend the A and B component carefully and in the indicated ratio (1 part A and 1 part B by weight). Process the mixture within the indicated pot life and only de-mould after the specified time and if the mould feels solid and non sticky. Since your mold will be in contact with foodstuff, we recommend to post cure the mold. I.e place the mold for 2-3 hours in the oven at 120 °C to 140 °C, this is so any vapors left will be released. Then wash the mold clean with detergent and dry it well. The mold is now ready for use.

Please note: This is an addition curing silicone. This type of silicones may experience cure inhibition when coming into contact with sulfur, nitrogen, amino groups and metal salts. If you are not certain that the products you use (including gloves, spatulas and cups) contain these ingredients, please do a little test first!

Packing

The products are packed in a container of 0.5 or 1 kg A-comp. and 0.5 or 1 kg B-comp. The components can not be ordered separately. For larger packages we ask you to contact us through the site. Mix only material with the same batch numbers.

Durability

Provided that the silicone is properly sealed and stored cool and frost-free, the shelf life is at least 1 year.

Safety

After following the instructions in "processing", the hardened mixture meets the requirements of the FDA. If you frequently work with silicone or work with siliconen in very large amounts we advise using gloves and properly ventilate the area. For safety information see the safety data sheet.