

TECHNICAL DATA SHEET

Food-grade silicone acetate

Art. no. 0892 550 1

P. Qty.: 1 / 12

Special, high-quality sealant for sealing in food processing and drinking water sector, as well as for aquarium construction



Container	Cartridge
Contents	310 ml
Chemical basis	Sauer silicones (acetate systems)
Colour	Transparent
Density/conditions	1.04 g/cm ³ /at 20 °C
Continuous motion absorption	25 %
Shore A hardness	16 +/- 2
Min./max. processing temperature	5 to 40 °C
Min./max. temperature resistance	-40 to 180 °C
Min./max. full curing speed/conditions	2-3 mm/d/23 °C and 50% relative humidity
Min. skin-formation time	12 min
Conditions for skin-formation time	at 23 °C and 50% relative humidity
Min. breaking elongation	500 %
Fungicidal properties	No
Building material class/conditions	B2 - Normally inflammable/in accordance with DIN 4102

Application area

- For sealing joints that come into contact with drinking water or food, e.g. in commercial kitchens, butcher's shops, breweries, sales counters and walk-in refrigerators
- Without primer: Enamels, tiles, glass, anodised aluminium, stainless steel and artificial stone
- With primer: Aluminium** (bare, powder-coated), chrome, hard PVC, wood (bare, painted and glazed)

Suitable for aquarium manufacture

The right dimensioning (whether it's an adhesive bond or a double joint) depends on the type of glass elements used. When executing a double joint, the joint width should be at least 5 mm. A permanent adhesive bond can only be ensured after thoroughly cleaning the glass. For aquariums with a max. filling volume of 1350 litres.

TECHNICAL DATA SHEET

Proof of Performance



Notice

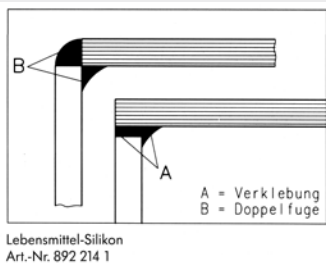
Due to the large number of existing paint systems, you should conduct your own tests to check compatibility with paint. Risk of yellowing on contact with white alkyd resin paints cannot be excluded. Not suitable for non-ferrous metals and metals without corrosion protection. Food-grade acetate silicon is not suitable for bonding or filling cavities.

Silicone has a tendency to discolour in dark areas where there is no UV exposure.

As colour definitions can vary, we recommend using the colour chart, art. no. 5995000406 to ensure precise colour matching.

*The 10-year warranty applies exclusively to the UV, weathering and ageing resistance properties of the product. Functionality cannot be guaranteed as this is dependent on proper application.

Use as aquarium silicone:



The usage instructions are recommendations based on the tests we have conducted and our experience; carry out your own tests before each application. Due to the large number of applications and storage and processing conditions, we do not assume any liability for a specific application result. Insofar as our free customer service provides technical information or acts as an advisory service, no responsibility is assumed by this service except where the advice or information given falls within the scope of our specified, contractually agreed service or the advisor was acting deliberately. We guarantee consistent quality of our products. We reserve the right to make technical changes and further develop products.