

# Technical Information



## SCRINTEC<sup>®</sup> 901 silicone rubber

**RTV 1 acetic acid system**

**\* flowable \* temperature stability\***

**\*RoHS conformity\***

### **Description:**

SCRINTEC<sup>®</sup> 901 is a one-component, flowable, silicone compound which reacts with moisture in the air to cure to a tough, rubbery solid.

The cured rubber stands out for

**-good flowability**

**-high temperature stability**

**-adheres well to various substrates**

**-ageing, wether and UV radiation resistance is very good**

**-it stays flexible from -60 °C to 250 °C**

### **Physical Properties:**

Spec. Gravity (DIN 52451)	1,20 g/cm <sup>3</sup>
Tack-free time (23 °C/50% RLF)	ab. 10 Min.
Shore-A-Hardness (DIN 53505)	35°
Elongation at break (DIN 53504)	450 %
Tensile strenght (DIN 53504)	1,4 N/mm <sup>2</sup>
Temperature stability at free access of dry air	-60 °C to 250 °C (short term 300 °C)

**Colour :** red

**Consistency:** flowable

11/09

## **SCRINTEC® 901**

- Uses** SCRINTEC® 901 is suitable for sealings, bondings and coatings in industrial manufacturing.  
If materials have to be applied that are very susceptible to corrosion we don't recommend SCRINTEC® 901.
- How to use:** The adhesion surface must be firm, dry, free from grease and dust. Tarry and bituminous substrates as well as materials based on EPDM, chloroprene rubber etc. are incompatible with silicone rubbers. Applying silicones to construction components which are subsequently painted might lead to poor paint adhesion.  
To ensure complete curing of the compound, sufficient air humidity must come into contact with the material. Only then can the final properties be obtained. The reaction progress starts as soon as the compound comes into contact with air humidity. Within 24 hours, a layer of approx. 2-3mm thickness has completely cured. The curing proceeds with a rate of 1-2 mm per day. Until fully cured, the compound releases volatile by-product of the crosslinker which cause a volume shrinkage of approx. 4-5%
- Packaging:** 85 ml tubes, 310 ml cartridges
- Shelf life:** 9 month (keep cool and dry)
- Remarks:** Wash hands after use  
Adequate ventilation must be provided during ventilation  
Read data sheet and safety data sheet before use

Our advice concerning the technical application of our products in oral and written form and by tests is provided to the best of our knowledge but is to be considered only as instruction without obligation on our part, also with regard to any patent rights of third parties, and does not release you from checking for yourself the products supplied by us and their suitability for the intended processes and purposes. Application and processing of the product are effected beyond our possibilities for control and are, therefore, exclusively your own responsibility. The cause and the amount of our liability and warranty are determined exclusively by the provisions of our General Terms of Delivery. This does not apply to test products for which any liability and warranty on our part are excluded.

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