



**ELASTOTET S.A.**

**SEALING & ADHESIVE MATERIALS**

**Silicone, Acrylic & Polyurethane Sealants**

---

# S 100

## ACETOXY TYPE SILICONE

### PACKAGING

In plastic cartridges of 0,28 Lt content and sausages 0,6 and 0,4 Lt.

### COLOURS

Transparent, White  
It can not be painted.

### PHYSICAL PROPERTIES

- High mechanical properties
- Excellent adhesion
- High resistance to ageing
- High Temperature resistance
- No yellowing

### TECHNICAL CHARACTERISTICS

1. Application temperature :	+5°C to + 40°C
2. Surface membrane formation time (depending on environmental conditions):	10 - 15 min
3. Curing speed:	2,5-3,0 mm/day
4. Hardness SHORE A:	19±2
5. Temperature variations resistance:	- 50°C to +180°C
6. Elongation at break (DIN 53504) :	800%
7. Modulus 100% (DIN 53504) :	0,35 N/mm <sup>2</sup>
5. Tensile strength (DIN 53504) :	1,5 N/mm <sup>2</sup>
6. Elongation at break (DIN 53504) :	800%

### APPLICATION FIELDS

**Silicone S 100 is a special type of high mechanical properties, resistance to high temperatures and ageing (it retains its properties over 15 years under especially hard conditions, as exposure to high solar radiation, rain and frost). It is recommended for application in heavy duty constructions such as industrial and technical ones, aircraft building, solar heaters, internal combustion engines, glass constructions, shop windows, ship building, fireplaces.**

## **INSTRUCTIONS FOR USE**

### **CARTRIDGES**

The closed cartridge is cut at the point where the thread ends. Then the nozzle is screwed on the cartridge and cut (slantwise preferably) to form an opening proportional to the joint width. After the cartridge has been cut appropriately, the sealant is applied in the joint with the use of a hand- or air-gun.

### **SAUSAGES**

**The 0,6 lt / 0,28 lt sausage** is inserted in the special hand- or air-gun and it is cut at the edge. Then the gun nozzle is screwed and cut (slantwise preferably) to form an opening proportional to the joint width.

The sealant must be applied on clean and dry surfaces (without any dust, loose particles, oil, etc.).

The use of self-sticking paper tape (MASKING TAPE) on both sides of the joint is recommended, in order to avoid soiling.

Immediately after the application of the sealing material in the joint, the surface of the uncured sealant is smoothed with the use of a spatula or by finger.

**Restrictions** : The width of the joint must be neither less than 3-4 mm, nor more than 30-40 mm.

**Precautions** : Contact with eyes must be completely avoided. In such case wash with plenty of water. Keep it away from children.

**Storage stability** : at least 12 months if stored in a cool (below 25°C) and dry place.

### **Warning to users**

The information contained in this document is given in good faith based on our current knowledge. It is only an indication and is in no way binding, particularly as regards infringement of or prejudice to third party rights through the use of our products. ELASTOTET GUARANTEES THAT ITS PRODUCTS COMPLY WITH ITS SALES SPECIFICATIONS. This information must on no account be used as a substitute for necessary prior tests which alone can ensure that a product is suitable for a given use. Users are responsible for ensuring compliance with local legislation and for obtaining the necessary certifications and authorisations. Users are requested to check that they are in possession of the latest version of this document and ELASTOTET is at their disposal to supply any additional information.