

# S – HI TEMP

## ACETOXY TYPE SILICONE

### PHYSICAL PROPERTIES

Excellent primerless adhesion to most common non-porous substrates

Good tooling properties.

Maintains elastic properties at continuous temperatures of up to 270 °C.

### TECHNICAL PROPERTIES

1. Application temperature	+5 to +40 °C
2. Extrusion rate at 23°C, 3-mm nozzle, pressure 0,63 N/mm <sup>2</sup>	4 ml/s
3. Skin-forming time at 23°C/50% rel. humidity :10'	
4. Vulcanization rate at 23°C / 50% r.h. :	4,0 mm/day
5. Hardness, SHORE A:	25±2
6. Temperature resistance :	-60 to +270 °C
7. Specific gravity at 23°C	1,04
8. Modulus at 100% elongation (DIN 53504):	0,6 N/mm <sup>2</sup>
9. Tensile strength (DIN 53504):	2,2 N/mm <sup>2</sup>
10. Elongation at break (DIN 53504):	500%
11. Tear strength (ASTM D 624, sp. A):	5 kN/m

### APPLICATION FIELDS

S-Hi Temp is a one-part, acid-curing, silicone sealant for general-purpose sealing in high temperature applications up to 270 °C continuously or 300 °C for short-term periods. It is ideal as a gasket sealant, for sealing valve covers, exhaust and ventilation pipes. It is highly resistant to oil, water, antifreeze and transmission fluid. S-HiTemp silicone exhibits excellent primerless adhesion to many non-porous materials such as glass, tiles, ceramics, enamel, glazed tiles, clinker, varnished or painted wood, and many plastics (epoxide, polyester, polyacrylate, formica, etc.).

### INSTRUCTIONS FOR USE

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

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.

**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.

## PACKAGING

In plastic cartridges of 0,28 Lt, and aluminium tubes of 0,08 Lt content.

## COLOURS

Red, Black

It cannot be painted.

### Warning to users

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