

## SILAX PT 913

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*Silax PT 913* is a special industrial silicone of range SILAX provided by a company HF market. It is an one-component acetoxy curing multipurpose sealant. It cures owing to moisture into durable and permanently elastic sealant. Due to its viscosity it is possible to work even in vertical positions.

*Silax PT 913* industrial silicone is weather, moisture and oil resistant after curing. It has also excellent ageing, shrinking and cracking resistance. It maintains its strength at great extent of service temperatures.

*Silax PT 913* is not recommended for porous materials applications.

### **Typical Applications:**

It designed for bonding and sealing of materials which are exposed high temperature for example gasket seals of gear boxes, oil baths, divisive levels of machinery parts, compressors, sealings of beaters and pumps. Bonding of metal, textile and plastic parts of equipments of automobile bodyworks. Sealing and potting of heat parts of machines, sealing of industrial ovens and conveyer belts by industrial ovens, gasket of filters of chimnies. Gasket, bonding, potting and protective surfacing of parts, which are exposed high temperatures. Bonding of joints metal-glass. Sealing of single parts, gaps on metal chimnies and smoke-flues.

### **Chemical Nature:**

*Silax PT 913* is based on high temperature silicone rubber.

### **Surface Preparation:**

Surfaces should be clean, dry, degreased and dust free. Non-porous surfaces such as aluminium, glass, metal, etc. should be properly degreased (using **S 1950** or **S 1960**).

### **Range of Applications:**

*SilaxPT 913* is suitable for clean metals, ceramics, glass, varnished wood and for many plastics.

### **General Characteristics:**

Appearance : Red

Application Temperature : +5<sup>0</sup>C - +40<sup>0</sup>C

Skinning Time : 10 min. (23<sup>0</sup>C,50%RH)

Hardness Shore A (DIN 53505) : 35

Modulus 100% (DIN 53455,A1) : 0.45 N/mm<sup>2</sup>

Tensile Strength (DIN 52455,A1) : 0.55 N/mm<sup>2</sup>

Elongation (DIN 52455,A1) : 130%

Elastic Memory (DIN 52458) : 90%

Temperature Resistance : -40<sup>0</sup>C – up to + 300<sup>0</sup>C

Storage Temperature : +5<sup>0</sup>C - +30<sup>0</sup>C

Shelf Life : 12 months from the date in cartridge

Packaging : 310 ml cartridge , 210 kg drum



**Caution:**

Sealant releases a small quantity of acetic acid as a by-product during curing. It disappears as soon as curing is complete.

Irritating to eyes. Keep out of reach of children. Prevent from contact with skin.

The Specified values are average and do not represent specifications.

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