



## 610 HIGH TEMPERATURE SILICONE SEALANT

### M.D.S.

610 is a single part, high temperature resistance acetoxy silicone sealant. It is suitable for all medium to large scale construction requirements, necessitating a high temperature seal. 610 is suitable for: Gasket seals, oven seals, power generation plants, oil field machinery & equipment. Auto & Marine engines.

610 is unaffected by occasional submersion in gasoline or crude oil.

### *Physical Properties 610*

**Color:**

Red or blue

**Specific Gravity:**

1 : 1.01

**Consistency:**

Non Slump (ASTM C639-5)

**Skin Forming Time:**

18 minutes @75F (50% RH.)

**Tensile Strength:**

150 psi. (2MPa) ASTM D412

**Ultimate Elongation:**

450%

**Elasticity Modulus (@ 100% elongation)**

25 psi. (0.8 MPa)

**Hardness Shore "A"**

24 (ASTM C661)

**Temperature Resistance:**

-65F to +725F

**Caution:** Ensure 610 is applied in well ventilated area. Avoid contact with skin & eyes. Wash off immediately with clean fresh water. With eye contact, flush with clean water for 10 minutes.

**KEEP OUT OF REACH OF CHILDREN**

**Surface Preparation:**

All joints should be thoroughly cleaned and any foreign matter blown out. All old caulk or sealant should be removed. Care should be taken to remove any surface alkaline deposits from cement or concrete. This may be done using an ammonia/water solution. Clean all glass or aluminum surfaces with a mineral spirit or a mild solvent prior to applying the sealant.

**Joint Design:**

The width must be a minimum of 4 times the expected movement. The minimum width should be 1/4" to a maximum of 3/8". For joint deeper than 3/8", a suitable backer rod should be used in accordance with good engineering practices.

**Application:**

Apply in on e continuous operating movement. Any tooling should be carried out prior to skin formation.

**Product Warranty:**

All products shown to be defective in manufacture, will be replaced free of charge. Since the use of these products is beyond the manufacturer's control, we can not assume any risk or liability for results obtained, nor can we accept damages in excess of the purchase price of the product.

**Packing:**

10.3 FL oz (310ml)

**Shelf Life:** 18 month