



TECH DATA SHEET PROSIL 1100 TIN CURE SILICONE

Product: ProSil 1100 Tin Cure Silicone

Product No: 28031024010 Gal Kit
28031024013 Pail Kit
28031024015 Drum Kit

Trade Name: ProSil 1100 Tin Cure Silicone

Supplier: Fiberlay Inc.
24 S. Idaho St.
Seattle, WA 98134
(206)782-0660

Prosil 1100 Tin Cure Silicone is a two-component, room temperature, condensation cure, silicone material. The cured rubber has excellent mechanical properties and good shelf-life stability. This material is an excellent choice for the molding of intricate patterns, skin molding and applications where high Durometer, dimensional stability and extremely tough rubber are required.

<u>Shore A</u>	<u>Gel time</u>	<u>Demold Time</u>	<u>Mixed Viscosity</u>	<u>Mix Ratio</u>	<u>Shrink age</u>	<u>Mixed Color</u>	<u>Specific Gravity</u>	<u>Tear Strength</u>	<u>Elong-ation%</u>	<u>Tensile Strength</u>
40	45 min	24 hrs	37,000 cps	10A:1B	<0.3%	Purple	1.13	160 ppi	300	650 psi

ProSil 1100 Tin Cure Silicone is mixed at a 10:1 Base (A) to Activator (B) ratio by weight. Before you begin, premix the activator thoroughly.

Carefully weigh both parts. Mix thoroughly for 3 minutes scraping sides & bottom of mixing container. Vacuum degassing is recommended at 29 inches of mercury for 2-3 minutes.

Pour a single stream into the lowest spot allowing the silicone to travel upward without entrapping air.

The curing process begins as soon as the catalyst is mixed with the base. The material will cure as described in the data above under normal temperature and humidity conditions. Because this system is sensitive to heat and humidity, a change in cure speed may be observed if one or both of these variable are altered. A large difference in temperature or humidity may alter the cure profile of the material. In addition, if the product is to be used with aggressive resins such as high styrene polyester resins, it is recommended that the rubber be allowed to cure for 48 hours.

Safety information: The material safety data sheet (SDS) for this or any ProSil product should be read before using and is available upon request.

**Keep Out of Reach Of Children.
For Industrial Use Only**

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