

US-SCC-900

US-SCC-900 is a heat curing silicone RTV developed for encapsulation and conformal coating applications. This is a 1-Part silicone that when heated to 150°C, cures in less than 30 minutes forming a tough silicone rubber.

Product Features

- Transparent encapsulant
- Addition cure liquid
- Excellent moldability and conformation to plastic, metal and glass parts
- Convenient 1-Part system
- Fluoresces under UV light for inspection

Typical Applications

- Electronic component vibration
- Shock and thermal insulation
- Dust and moisture protection
- Dielectric and insulation

Chemical cure system: Platinum catalyzed, addition cure system.

Typical Properties

Uncured

Color: Water white, clear	Viscosity, cps: 900	Specific Gravity: 0.90
Consistency: Self-leveling, light liquid	Pot-life at Room Temperature: 12 months	
Cure time at 150°C: < 30 minutes	Odor: none	

Cured

Shore 00: 60	Tensile: 100 PSI	Elongation: 200%
Byproducts: none	Shrinkage: none	Corrosivity: none
Temperature range: -65°C to 250°C		

Application Methods: Apply by: pouring, dipping, brushing, flow-coat, spin-on or spraying.

Handling precautions: Avoid contact with tin cured RTV's, sulphur compounds, azides, imides, latex rubber gloves, and amines as cure system can be deactivated

Solids: 100% solids, contains no solvents

Adhesion: This product offers primerless adhesion to plastics, metals and typical substrates.

Service temperature: -65°C to +250°C continuous

Limitations: Do not use product in solvent or fuel immersion applications. Allow to fully cure before putting assembly into service.

Packaging: Available in 2.8 & 5.5oz squeeze tubes, 6.25oz sem kit cartridges, a 25 ml syringe, one pound cans, 8 lb. gallon containers and 40 lb. 5 gallon pails. This product is also available in customer defined packaging sizes, upon request.

Handling and safety: For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to MSDS.

Shelf-life: Sealed containers guaranteed for 1 year from the ship date when stored in a cool dry area below 70°F.

Applicable standards: Conforms to GM low volatility requirements.