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## SS-153

### Product Description

SS-153 is a heat curing silicone RTV adhesive rubber developed for bonding applications requiring encapsulation or deep section curing configurations. SS-153 is a 1-part silicone that when applied to the substrate and thermally cured, allows handling of the bonded assembly within minutes. SS-153 works well in manual and automatic dispensing equipment.

### Product Features

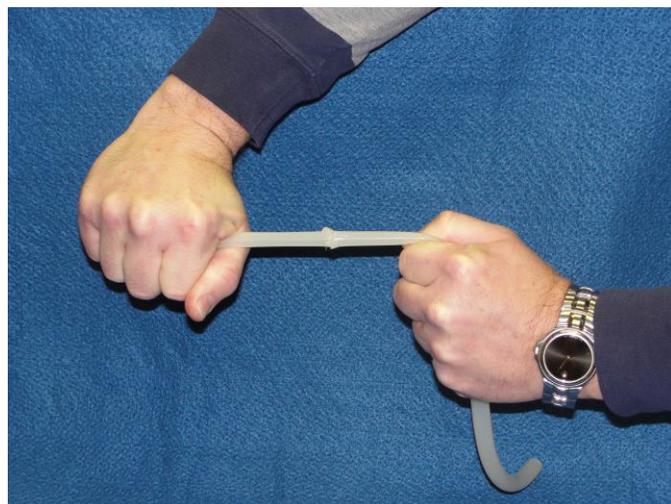
- Fast heat cure
- Can cure in fully encapsulated assemblies
- Adhesion to metals and many plastics

### Typical Applications

- Component lamination
- Encapsulation fabrication bonding
- Bonding silicone to a variety of substrates

### Chemical Cure System

Platinum Catalyzed



## Heat Cure Silicone Rubber Adhesive

### Typical Properties

Color	Translucent
Viscosity, cps	500,000
Specific Gravity	1.04
Consistency	Thixotropic
Cure Time @ 150°C	<15 Minutes
Durometer	25 Shore A
Tensile Strength	500 PSI
Elongation	450%
Peel Strength	100 PPI
Tear Strength	100 PPI
Thermal Conductivity	0.0005
Coefficient of Thermal Expansion	20 x 10 <sup>-5</sup>

### Curing

Can be accomplished with heat to very rapid cures. Typical utilization involves dispensing in open air and oven, IR, or hot air curing.

## **Solids**

**100% solids .**

## **Handling Precautions**

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

## **Limitations**

**Do not use in a solvent or fuel immersion applications. Allow to fully cure before putting assembly into service.**

## **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 the SDS.**

## **Shelf Life**

**Sealed containers are guaranteed for 6 months from the ship date when stored in a freezer, 3 months refrigerated and less than 1 month at room temperature.**

## **Limited Warranty**

**All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as warranty, either expressed or applied. User shall rely on his/her own information and tests to determine suitability of the product for the intended use, and the user assumes all risk and liability resulting from the use of this product. Manufacturer's sole responsibility shall be to replace that portion of product that the manufacturer proves to be defective. Manufacturer shall not be liable to the buyer or any third party for injury, loss or damage directly or indirectly resulting from the use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding by the manufacturer.**

**This product has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses which implantation within the human body is intended.**

**\*\*\*\*\*Customized versions available upon request\*\*\*\*\***