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# SS-2612

## Product Description

SS-2612 is an electrically conductive, room temperature curing silicone RTV. SS-2612 is a 2-part silicone that when applied to the substrate allows handling of the assembly within an hour. When cured, the elastomer resists weathering, ozone, moisture, UV and high temperatures. SS-2612 works well in manual and automatic dispensing equipment.

## Product Features

- Very high electrical conductivity
- RT or fast heat cure
- Suitable for encapsulation and lamination applications
- 1:1 mix ratio
- Non-Corrosive

## Typical Applications

- Form in place gaskets
- Electrically conductive sealant
- EMI/RFI silicone shielding

## Chemical Cure System

Platinum catalyzed, addition cure

# 2-Part Electrically Conductive Silicone

## Typical Properties

Color	Silver-Tan
Viscosity, cps	500,000
Specific Gravity	3.06
Consistency	Semi thixotropic
Working Time @ RT	15 Minutes
Tack Free Time @ RT	30 Minutes
Cure Time @ RT	48 Hours
Cure Time @ 150°C	15 Minutes
Durometer	70 Shore A
Volume Resistivity	0.005 Ohms-cm
Thermal Conductivity	>2.5 W/m-K
Conductive Filler	Silver

## Curing

Cure speed can be accelerated with heat to very rapid cure times.

## Solids

98% solids

## Adhesion

Primerless adhesion to most metals and typical substrates

## Limitations

Do not use product in solvent or fuel immersion applications. Allow to fully cure before putting assembly into service. Ensure enough product remains between flanges to be effective in an assembly.

## **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 12 months from the ship date when stored in a cool dry area below 70°F.**

## **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\*\*\*\*\***