

SILICONE SOLUTIONS

1670-C Enterprise Parkway
Twinsburg, Ohio 44087

Phone (330) 405-4595

Fax (330) 405-4596

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
- ◆ R.T. cure or Fast Heat Cure
- ◆ Suitable for encapsulation and lamination applications
- ◆ Self-leveling liquid
- ◆ 1:1 mix ratio
- ◆ High temperature resistant
- ◆ Non-corrosive

Typical Applications

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

Color: Silver-Tan

(custom colors available upon request)

Service Temperature

-65 to 260C

2-part Electrically Conductive Silicone RTV

Typical Properties

Viscosity, cps	300,000
Specific Gravity	3.06
Consistency :	thick liquid
Working time, mins. @ R.T.:	15
Tack Free Time, mins. @ R.T.:	30
Cure time	<u>48 Hrs. @ R.T. or</u> <u>15 mins @ 150 C</u>
Durometer, Shore A	70
Volume resistivity, Ohms/cm	0.005
Conductive filler	silver

Method of Application

Dispense sealant onto part and mate parts. Be sure not to squeeze all of the product out of flange assembly. Allow to cure.

Chemical cure system

Addition cure system

Solids

98% solids, contains no solvents

Curing

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

Adhesion

Primerless adhesion to most plastics, 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.

Packaging

SS-2612 is available in 50 and 400ml dual syringes as well as 1,2 and 5 gallon pail kits. 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 can irritate eyes and skin. Refer to MSDS.

Shelf-life

Sealed containers are guaranteed for 1 year 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 implied. User shall rely on his 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 of 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 ****

