

## **SILICONE SOLUTIONS**

1670-C Enterprise Parkway  
Twinsburg, Ohio 44087

Phone (330) 405-4595

Fax (330) 405-4596

# **SS-26**

### **Product Description**

SS-26 is an electrically conductive, moisture curing silicone RTV. SS-26 is a 1-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-26 works well in manual and automatic dispensing equipment.

### **Product Features**

- ◆ Very high electrical conductivity
- ◆ Fast R.T. cure
- ◆ Thixotropic paste
- ◆ High temperature resistant
- ◆ Non-corrosive
- ◆ Very high thermal conductivity

### **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**

# **Electrically Conductive Silicone RTV**

### **Typical Properties**

Viscosity, cps	600,000
Specific Gravity	3.06
Consistency :	thixotropic paste
Working time, mins. @ R.T.:	15
Tack Free Time, mins. @ R.T.:	30
Cure time	24 Hrs. @ R.T.
Durometer, Shore A	70
Tensile Strength, PSI	280
Elongation, %	165
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**

### **Oxime cure system**

### **Solids**

**98% solids, contains no solvents**

## **Curing**

Cure speed can be accelerated with increased humidity to very rapid cure times. Typical utilization involves dispensing in open air and after exposure to ambient humidity, a room temperature cured rubber with electrically conductive properties is formed.

## **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-26 is available in 10.3 oz. cartridges and 40 lb. 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 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 applied. 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 \*\***