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# SS-6004VF+

## Product Description

SS-6004VF+ is a 1-part silicone RTV developed for conformal coating applications. SS-6004VF+ offers unprimed adhesion to many metals and plastics. SS-6004VF+ combines high flexibility with a neutral oxime cure system to provide a durable silicone adhesive coating.

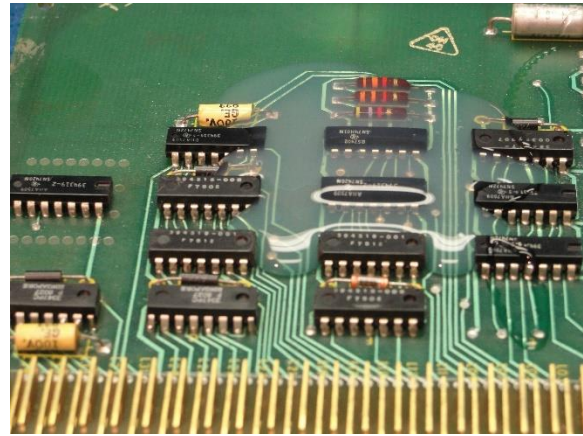
## Product Features

- ◆ Fast R.T. cure
- ◆ Self- leveling liquid RTV
- ◆ Neutral cure
- ◆ UV tracer allows inspection of parts
- ◆ Adhesion to metals and many plastics
- ◆ Temperature range -45 to 250C
- ◆ RoHS and REACH compliant

**Color:** Clear + UV Tracer  
 (custom colors available upon request)

## Typical Applications

- ◆ Conformal coating of assemblies
- ◆ Industrial sealing
- ◆ Thin section potting & encapsulation



# Self-Leveling Silicone RTV Conformal Coating

## Typical Properties

### UNCURED

Viscosity, cps	7,000
Specific Gravity	1.01
Consistency:	Liquid
Skin time, mins @ RT	5.5
Tack time, mins @ RT	11.5
Skin time, mins @ 85°C, 60% RH:	.75
Tack time, mins @ 85°C, 60% RH:	2

### CURED

Cured -72 Hrs. @ R.T.  
 Cured - 2 Hrs. @ 1.2mm, 85°C, 60% RH

Tensile Strength, PSI	200
Elongation, %	300
Durometer, Shore A	15
Dielectric Strength KV/mm	20
Dielectric Constant	3.1
Dissipation Factor	.01
Volume Resistivity	4x10 <sup>15</sup>

## **Method of Application**

Dip or dispense coating onto assembly, allow to cure.

## **Chemical cure system**

Oxime cure system

## **Curing**

Cure speed can be accelerated with increased humidity to very rapid cures exhibiting surprisingly fast adhesion. Typical utilization involves dispensing in open air and ambient humidity to result in a durable adhesive rubber conformal coating.

## **Packaging**

SS-6004VF+ is available in 8 lb. containers, 40 lb. pails and 400 lb. drums. This product is also available in customer defined packaging sizes, upon request

## **Solids**

98% solids, contains no solvents

## **Adhesion**

Primerless adhesion to most metals and many plastics

## **Service temperature**

-45 to 250C

## **Limitations**

Do not use product in a fuel or solvent immersion application. 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 SDS.

## **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**

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p  
o  
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