

## AS-RTV-SL

### Product Description

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

### Product Features

- Room temperature cure
- Self-leveling liquid RTV
- Primerless adhesion to most plastics, metals and typical substrates.
- Non-corrosive Oxime cure

### Curing

RTV stands for Room Temperature Vulcanization, which means to cure at room temperature. Typical utilization involves dispensing in open air and after exposure to ambient humidity, a room temperature cured rubber is formed.

### Packaging

Available in standard 3 fl oz. tubes and 10.3 fl oz. caulkers. (other size packaging available upon request)

### Shelf-life

In sealed containers, 1 year when stored in a cool dry area.

### Service Temperature

-45 to 250°C

## Self-Leveling Silicone RTV Conformal Coating

### Typical Properties

#### UNCURED

*Color:	Clear
Viscosity, cps	10,000
Specific Gravity	1.01
Consistency	Low viscosity fluid
Working time, mins. @ R.T.	10
Tack Free Time, mins. @ R.T.	20
Solids, %	98
VOC, %	1.949

\*(custom colors available upon request)

#### CURED – ROOM TEMPERATURE

Cured	72 hrs. @ R.T.
Tensile Strength, PSI	200
Elongation, %	300
Durometer, Shore A	15
Dielectric Strength, KV/mm	20
Dielectric Constant	3.1
Dissipation Factor	0.01
Volume Resistivity	$4 \times 10^{15}$

### Typical Applications

- Coating assemblies
- Industrial sealing
- Thin section potting & encapsulation

### Method of Application:

Dip or dispense coating onto assembly, allow product to cure.

### 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.