



# Silite RTV®

**Description:** A Silicone adhesive/sealant compound for sealing, caulking, bonding, and making gaskets.

**Intended Use:** Weather-proofing electrical components, caulking plumbing fixtures, sealing glass, and making form-in-place gaskets.

**Product features:** Flexible from -60°F to 450°F (white & clear)  
Moisture curing  
Flexible from -60°F to 600°F (Red)  
Resistant to weather and chemicals

**Limitations:** None

*Technical data should be considered representative or typical only and should not be used for specification purposes.*

**Typical Physical Properties:**

**Cured 7 days @ 75° F**

**Color** Clear, White, or Red  
**Viscosity** 300,000 - 400,000  
**Elongation** 600%  
**Tensile Strength** 400 psi  
**Tear Resistance** 47 pli  
**Coverage / lb** 100 linear ft.  
**Dielectric Strength** 375 volts/mils  
**Volume Resistivity** 7x10(13) ohm/cm  
**Dielectric Constant** 2.8  
**Tangent Loss** 10(3)  
**Cured hardness** 30 Shore A

**TESTS CONDUCTED**

Dielectric Constant ASTM D 150  
 Maximum Elongation ASTM D 412  
 Tensile Strength (Urethanes) ASTM D 412  
 Dielectric Strength, volts/mil ASTM D 149  
 Tear Resistance ASTM D 624  
 Volume Resistivity , ohm/cm ASTM D 149

**Uncured**

**Density** 1.05 gm/cm(3)  
**Viscosity** Non-sag gel up to 3/4"

**Surface Preparation:** Clean surface by solvent-wiping any deposits of heavy grease, oil, dirt, or other contaminants. Surface can also be cleaned with industrial cleaning equipment such as vapor phase degreasers or hot aqueous baths.

**Mixing Instructions:** Mixing is not applicable to this product.

**Application Instructions:** Clip tip of cartridge back to desired thickness. Drop into the caulking gun and squeeze trigger.

**Storage:** Store at room temperature.

**Compliances:** Meets USDA, FDA 177.2600. Meets MIL-A-46106A Group 1, Type 1

**Chemical Resistance:** *Chemical resistance is calculated with a 7 day, room temp. cure (30 days immersion) @ 75°F*

Ammonia	Fair	Methanol	Fair
Ammonium Hydroxide 20%	Very good	Motor Oil	Poor
Cutting Oil	Very good	Nitric 50%	Fair
Ethanol	Excellent	Potassium Hydroxide 20%	Excellent
Gasoline (Unleaded)	Poor	Sodium Hydroxide 10%	Excellent
Glycols/Antifreeze	Very good	Sodium Hydroxide 50%	Excellent
Hydrochloric 10%	Poor	Sodium Hypochlorite	Very good
Hydrochloric 36%	Poor	Sulfuric 10%	Very good

**Precautions:** Please refer to the appropriate material safety data sheet (MSDS) prior to using this product.

**For technical assistance, please call 1-800-933-8266**

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**FOR INDUSTRIAL USE ONLY**

**Warranty:**

Devcon will replace any material found to be defective. Because the storage, handling and application of this material is beyond our control, we can accept no liability for the results obtained.

**Disclaimer:**

All information on this data sheet is based on laboratory testing and is not intended for design purposes. ITW Devcon makes no representations or warranties of any kind concerning this data.

**Order**

**Information:**

<b>17100</b>	<b>3 oz.</b>
<b>17140</b>	<b>10.3 fl oz.</b>
<b>17130</b>	<b>10.3 fl oz.</b>
<b>17150</b>	<b>10.3 fl oz.</b>