



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 to 500°F continuous, 600°F intermittent (Red)**
Flexible from -60 to 400°F continuous, 450°F intermittent (Clear & White)
Moisture curing
Resistant to weather and chemicals

Limitations: None

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

Cured 7 days @ 75° F

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

Color Clear, White, or Red

Coverage/lb 100 linear ft.

Density 1.05 gm/cm(3)

Dielectric Constant 2.8

Dielectric Strength 375 volts/mils

Elongation 600%

Tangent Loss 10(3)

Tear Resistance 47 pli

Tensile Strength 400 psi

Viscosity Non-sag gel up to 3/4"

Viscosity 300,000 - 400,000

Volume Resistivity 7x10(13) ohm/cm

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, 70 °F.

Compliances: Meets USDA, FDA 177.2600. Meets MIL-A-46106A Group 1, Type 1. NSF / ANSI 51.

**Chemical
Resistance:**

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

| | |
|------------------------|-----------|
| Ammonia | Fair |
| Ammonium Hydroxide 20% | Very good |
| Cutting Oil | Very good |
| Ethanol | Excellent |
| Gasoline (Unleaded) | Poor |
| Glycols/Antifreeze | Very good |
| Hydrochloric 10% | Poor |
| Hydrochloric 36% | Poor |

| | |
|-------------------------|-----------|
| Methanol | Fair |
| Motor Oil | Poor |
| Nitric 50% | Fair |
| Potassium Hydroxide 20% | Excellent |
| Sodium Hydroxide 10% | Excellent |
| Sodium Hydroxide 50% | Excellent |
| Sodium Hypochlorite | Very good |
| Sulfuric 10% | Very good |

Precautions:

Please refer to the appropriate safety data sheet (SDS) prior to using this product.

For technical assistance, please call 1-855-489-7262

FOR INDUSTRIAL USE ONLY

Warranty:

ITW Performance Polymers 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 Performance Polymers makes no representations or warranties of any kind concerning this data.

**Order
Information:**

17100 Clear3 oz.
17140 White10.3 fl oz.
17130 Red 10.3 fl oz.
17150 Clear10.3 fl oz.