



# Silicone Sealant RTV ss-896-897

## 100% Silicone Industrial Grade

### Description:

**Silicone Sealant RTV Industrial Grade** is a 100% R.T.V. "Room Temperature Vulcanization" acetic silicone sealant with solvent, a good performance, excellent adhesion and flexibility for room temperature.

### Product Advantages:

- High adhesion to smooth surfaces
- For use in marine environments
- Vulcanization at room temperature
- Excellent sealing and cracking sealant
- 30 year warranty
- Resistant to fungus and moisture
- 550% elongation
- Does not crack, shrink, or peel
- Long-lasting

### Uses:

Silicone Sealant RTV Industrial Grade is ideal for joints or joints without movement, to seal tightly and protect a wide variety of surfaces from weather inclements.

Adhesive to painted or unpainted surfaces:

- Crystals
- Ceramics
- Metals
- Plastic

### Complies with Specifications:

- TT-S-00230C
- TT-S-001543A
- MIL-A-46106
- ASTM D2240
- ASTM D412

### Coverage Table:

Joint sizes measured in inches:

		Depth	
Width	Inch	1/4"	1/2"
	1/4"	24.8'	
	1/2"	12.4'	6.1'
	3/4"	8.1'	4'
	1"	6.1'	3'

Linear Feet by 10.3 fl.oz.

### Product Data:

Type of Product:	Resin 100% Acetic Silicone
Color:	Clear, White
Solids (%):	82% by weight 82% by volume
Weight/Gallon:	8.33 ± 0.05 lb. (3.78 ± 0.02 kg.)
Curing Time at 77°F (25°C) 50% RH:	
To Touch:	10-20 minutes
Final Cured:	24 hours
Sizes:	10.3 fl.oz. cartridge
Specific Gravity:	1.04 (25°C 77°F)
Extrusion Rate:	400 g/min. (with orifice of 1/8" and pressure of 90 psi.)
ASTM D2240:	Hardness Shore A25
ASTM D412:	Tension Force (psi) 325
ASTM D412:	Elongation (%) 550
ASTM D746:	Fragile point -80°F (-65°C)
Coefficient volume of thermal expansion 0°C to 100°C (32° to 212°F)	9.3 x 10 <sup>-4</sup>
Thermal Conductivity, cal/(cm.)(°C)(sec.)	0.45 x 10 <sup>-3</sup>
BTUs by (feet)(°F)(hr.)	0.11

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

S.D.S.: Available upon request.

### Surface Preparation:

The surface must be free of dust, dirt, grease and mold. Remove any loose pieces of old cracked paint or sealant.

### Application Method:

1. Clean the surface as recommended.
2. Cut the tip of the tube according to the desired grain size.
3. Hold the plug at a 45 ° angle and tighten the sealant.
4. Before the shell peeling forms (5-10 minutes), fix any damages or imperfections, with a putty knife or paddle and, if necessary, remove the protective tape that has been placed in some spaces.
5. Remove any excess of Lanco® Silicone Sealant RTV Industrial Grade with Lanco® Mineral Spirits MS-107. Once the sealer has cured, it can be removed with a sharp knife.

### Mildew Surfaces:

Remove any mold on the surface, before any application of the silicone. With a mixture of 1/4 gallon household bleach and 3/4 of hot water, clean thoroughly, entire mold containing surface. Rinse profusely and allow surfaces to completely dry.

### Already Sealed Surfaces:

It is necessary to remove as much old and stale silicone as possible, especially if it is in deteriorated conditions.

**Other Information:**

**Storage and Shelf Life:** If stored in its original unopened container at 77°F (25°C), the Lanco® Silicone Sealant RTV Industrial Grade will have a shelf life of one year. All tubes should be kept uncut, when not in use. For opened, unsealed tubes a plug cap, of raw material could be formed in the opening.

**Warning!** Avoid direct contact with uncured sealant, as it irritates the eyes and may irritate the skin. Overexposure to vapors may cause irritation of the nose, throat and eyes. Avoid contact with the eyes and skin.

**Important:** Use only with adequate ventilation. Do not touch your contact lenses when you have sealant on your hands. In the case of sealant falling into your eyes, rinse with plenty of water for 15 minutes. Seek medical attention. If it gets in contact with or on the skin, remove it and wash the affected area with plenty of water. The sealant emits acetic acid (produces a vinegar-like odor) while it is healing. Keep out of the reach of children.

**Limitations:** It is not recommended to use this sealant on concrete, marble, oak, limestone, brick and lead surfaces, or underwater pipes. Lanco® Silicone Sealants RTV Industrial Grade adhere well to themselves, but not to other different sealers. The paint layers do not stretch with silicone elastomeric sealants; therefore, the silicone can not be painted.

**Cleaning:** Clean any excess sealant with Lanco® Mineral Spirits MS-107. Once cured it can be removed with a sharp razor.

**Limited warranty:** Lanco® Silicone Sealants RTV Industrial Grade have 30-year satisfaction guarantee. If you use this product in the manner indicated and it cracks, peels or separates while you own your home, send your purchase receipt along with the used tube to: Lanco® Mfg. Corporation, Customer Service Department, Urb. Aponte # 5, San Lorenzo, PR 00754; and it will gladly be replaced. It is clear and remains understood, that the seller accepts no responsibility beyond the replacement of the product or the refund of the purchase price of the same.

