



Maximus™ ss-296

Neutral Silicone 100% RTV for Windows and Doors

Description:

Maximus™ is a sealant and 100% neutral silicone adhesive R.T.V. "Room Temperature Vulcanization", high performance, zero V.O.C. and low odor with excellent adhesion and flexibility. It forms a waterproof and weatherproof joint on many surfaces.

Product Advantages:

- High adherence to glass, metal and others
- Fast drying and low odor
- Vulcanization at room temperature
- Weatherproof, waterproof, and resistant to water
- Lifetime warranty
- Resistant to fungus
- Excellent modular strength and maximum tension
- Complies with ASTM-C-920-86 Type S, Grade NS, Class 25, Use NT.

Uses:

Maximus™ is ideal for non-moving joints in doors, windows and others, such as bathtubs, sinks, toilets, kitchen tops and to seal details on cars and fixtures, or equipment. It can be used for fixed mechanical parts, compressors, gearboxes and pressure pumps.

Adhesive to painted or unpainted surfaces:

- Glass and laminated glass
- Mirrors
- Ceramics
- Metals and aluminum
- Plastics
- Polycarbonate

To seal or glue into:

- Flashes and joints
- Drains
- Ducts
- Natural cabinets and tops
- Windows and doors
- Signboards

Coverage Table:

Joint sizes measured in inches:

Width	Depth	
	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:	100% Resin Neutral Silicone
Color:	Transparent Clear, White
Solids (%):	100% by weight 100% by volume
Weight/Gallon:	8.66 ± 0.05 lbs. (3.93 ± 0.02 kg.)
Drying Time:	
To Touch:	10-20 minutes
Final Cured:	24 hours
Curing Time at 77° F (25° C):	50% RH 60 min.
Sizes:	10.3 fl.oz. cartridge
Durometer Hardness:	
Shore A:	17 - 35 points
Tension Strain Force:	
MPA (psi):	140 - 300 psi
Elongation Percentage:	> = 200%
Extrusion Rate:	300 - 700 g/min. (with orifice of 1/8" and pressure of 90 psi.)
V.O.C.:	0 g/L

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® Maximus™ 100% R.T.V. Silicone Sealant 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® Maximus™ 100% R.T.V. Silicone Sealant 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® Maximus™ 100% R.T.V. Silicone Sealants 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® Maximus™ 100% R.T.V. Silicone Sealants 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.

