



**Product Name:**

**TOWER SILICONE 100% Silicone Rubber Sealant**

**White TS-00293/ Clear TS-00295**

**Product Description:**

TOWER SILICONE All Purpose 100% Silicone Rubber Sealant is a one-component, acid-curing, silicone sealant for general purpose sealing in do-it-yourself applications. TOWER SILICONE cures at room temperature under the action of atmospheric moisture to give a permanently flexible silicone rubber. TOWER SILICONE exhibits excellent primerless adhesion to most materials and can be used for sanitary application. Commonly used on glass, tiles, ceramics, enamel, glazed tiles, varnished or painted wood; and some plastics.

It forms a flexible, durable airtight, water resistant seal offering exceptional protection. Once cured the bead is mildew resistant. TOWER SILICONE is safe for UV exposure and will not discolor.

**Features**

- Ready to use
- Joint movement capability ±25%
- Easy to gun and tool
- Available in white and clear
- Primer less application
- Weather resistant
- Wide temperature-application range
- Mildew protection
- Approved for incidental food contact

**Benefits**

- No mixing; reduces labor costs
- Flexibility provides long lasting water tight joints
- Non-sag application
- Blends with most materials and substrates
- Adheres to glass, tile, plastics and painted surfaces
- Produces long-lasting weather-tight seals
- Suitable for all climates
- Cured bead resists mildew growth
- Can be used for kitchen and sanitary applications

**Testing & Approvals**

- ASTM C-920 Type S, Grade NS, Class 25, Use NT, G, A and M with primer
- TT-S-00230C, Type II, Class A
- TT-S-001534A, Type; Non-Sag, Class A
- FDA Regulation No. 21 CFR 177.2600.2 Incidental Food Contact

**Applications**

- Siding; Wood, Vinyl, Aluminum
- Trim
- Stucco
- Panel Walls
- Plumbing, Counter, Vanity
- Window & Door Installation
- Fascia
- Vinyl Siding

**Substrates**

- Concrete\*
- Masonry\*
- Aluminum
- Wood
- Cement Board\*
- Galvanized
- Vinyl Siding

\* Adhesion to porous substrates can be improved in many cases by primer.

**Locations**

- Interior and Exterior
- Above Grade

TOWER SEALANTS

SEALANTS

All Purpose Silicone Acetoxy Sealant



### Surface Preparation:

The substrate areas that will be in contact with the sealant must be clean, dry and free of all loose material, dust, dirt, rust, oil, and other contaminants. Non-porous substrates should be cleaned with a solvent and a clean, lint-free, cotton cloth. Remove residual solvent before it evaporates with a dry cloth. Protect areas not to be sealed or when using sealant to form weather-stripping by placing wax paper over sealant to prevent sticking until it has cured. When cured and washed, the product meets the requirements of FDA Regulation No. 21 CFR 177.2600.2

### Installation:

1. Cut nozzle at 45° angle. Cured bead should be between 1/8" and 1/12" wide. 2. Puncture inner foil seal. 3. Smooth bead with finishing tool if necessary. 4. Clean up excess uncured sealant from surface and tools with mineral spirits. 5. Allow 24 hours for sealant to cure. Sealant will not cure in totally confined spaces. 6. Reseal for reuse. 7. Excess cured sealant must be cut or scraped away. Wash hands with soap and water.

### Physical & Chemical Characteristics:

Property	Value
Vehicle:	Polydimethylsiloxane, Acetoxysilane cross-linker
Pigment:	White - Calcium Carbonate / Clear - None
VOC Content:	Chemically Curing Compound <3%
Service Temp:	-40°F to 400°F
Application Range:	20°F and rising.
Max Temp Application:	Air temp 100°F <sup>o</sup> and substrate less than 120°F
Dynamic Joint Movement:	+/- 25%
Flash Point:	Not Applicable
Consistency:	45 G/S @ 75°F (SEMCO Gun at 50psi)
Applications:	Interior / Exterior
Life Expectancy:	60 Year Warranted Performance
Shelf Life:	12 months when stored at 50°F to 80°F
Coverage:	10.1 fl oz = 53 linear ft. at a 3/16" bead
Odor:	Pungent Vinegar Odor
Tooling Time:	15 Minutes
Tack Free Time:	60 Minutes
Clean Up:	Mineral Spirits

### Cleanup

Immediately after use, clean equipment with soap and water. Remove cured sealant by cutting with a sharp-edged tool. Remove thin films by abrading.

### Safety

See Material Safety Data Sheet for safety information or product label. During cure acetic acid is released and vapors should not be inhaled. Good ventilation is required. Should uncured silicone rubber come into contact with eyes or mucous membranes, the affected area must be rinsed thoroughly with water. To request a Material Safety Data Sheet visit our web site at [www.towersealants.com](http://www.towersealants.com) or contact Tower Sealants at 866-897-7568. For medical emergencies only, call ChemTrec 1-800-424-9300.

### Limited Warranty

Tower Sealants warrants that this product, provided it is properly stored and applied, will never crack, peel, or separate. If a failure occurs, return proof of purchase for replacement. Manufacturer shall not be held liable for damages in excess of the purchase price. This is the sole and exclusive remedy and liability for defects or failure of this product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, WRITTEN OR ORAL, STATUTORY, EXPRESSED OR IMPLIED; INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS.