



# TruSil 100 Silicone Sealant

## Product Data Sheet

TruSil 100 Silicone Sealant is a high performance acetox curing silicone sealant adhesive that demonstrates high strength adhesion and excellent weatherability under the most severe conditions.

### Product Features:

TruSil has been specially formulated to meet low VOC requirements and is recognized for its smooth consistency, low temperature application, ease of tooling, and quick cure time. Upon cure, TruSil100 is a medium modulus, permanently elastomeric material that meets ASTM-C920 performance standards and can withstand +/- 25% joint movement. TruSil 100 can be used for extended periods at temperatures up to 400°F (232°C).

### Door Hardware Applications:

We recommend using TruSil 100 to apply the installation channels onto our signature Flood Barrier Shield and to caulk around exterior door hardware, such as Doorway Thresholds.

### Additional Applications:

TruSil 100 is an NSF 51 Certified Silicone Sealant, making it the ideal caulk to use in and around food processing and storage. Applications include repair of kitchen and restaurant appliances, sinks, stainless steel walls, walk-in-coolers, ice machines, & various types of refrigeration units, produce and meat storage/display, and repair of piping, seals, gaskets, and valves that may come into contact with food.

- Exterior windows, skylight doors, and siding
- Kitchen, Bath, & Restaurant tile, sinks, tubs, and counters
- HVAC/R, Plumbing, Electrical, Roofing
- RV, trailer and specialty vehicle manufacture and repair
- Industrial Seals
- Walk in coolers, ice machines, and other types of refrigeration units
- Piping, seals, gaskets, and valves where contact with food may occur



Product Features	
NSF 51 Certified	
Meets ASTM-C920	
50+ Year Durability	
Excellent Weatherability	
Permanently Flexible	
High Temp Performance	
Low Temp Flexibility	
Mildew Resistant	
+/- 25% Joint Movement	
Low V.O.C. (36 g/l)	

Physical Properties:	
Chemistry	Acetoxo Silicone
Cure Type	Moisture Cure
Color	Clear
Tack Free Time	5 - 7 Minutes at 75°F
Cure Time	24 - 48 Hours at 75°F
Application Temperature	-25°F to 120°F
Service Temperature	-55°F to 400°F
Joint Movement Capability	+/- 25%
Durometer Shore A	18
Tensile Strength	303 psi
Elongation At Break	337%
Shelf Life	12 Months

Standards & Specifications:	
<b>Meets NSF 51 Certification Criteria</b>	
<b>Meets ASTM-C920 Performance Criteria</b>	
<b>Meets Federal Spec. TT-S-00230C</b>	
<b>EcoSeal Standards:</b>	
V.O.C. Content: <b>36 g/l</b>	
LEED 2009 (EQ Credit 4.1): <b>1 point</b>	
NAHB Green Guidelines: <b>5 G.I. Points</b>	
Complies To: <b>SCAQMD Rule #1168</b>	
<b>OTC-Ozone Trans. Comm.</b>	
<b>CARB</b>	
<b>BAAQMD</b>	

