

# POLYSIL HI-TEMP<sup>®</sup>

## HI-TEMP RED SILICONE SEALANT



### DESCRIPTION

**POLYSIL HI-TEMP** is a one-part silicone sealant that provides a long lasting, flexible seal with excellent adhesion to most surfaces. **POLYSIL HI-TEMP** cures in the presence of atmospheric moisture. There is little change in gunability at temperatures ranging from -80°F to 600°F.

### RECOMMENDED USES

**POLYSIL HI-TEMP** is extremely well suited for non-porous material like metal, glass, and applications requiring high temperature resistance. It can be used in industrial assembly, exhaust stacks, ducting and other high heat applications.

### APPLICATION INSTRUCTIONS

Prior to application, clean and dry the surface remove all dirt, oil, grease, and foreign matter. Trim nozzle to obtain desired angle and bead size. Puncture inner seal. Apply with a caulking gun, forcing sealant into the joint. Seal unused portion with cap. Clean off excess sealant with solvent using the manufacturer's safety precautions.

### CLEAN UP

Use solvent following manufacturer's Material Safety Data Sheet precautions.

### FEATURES

- *FDA / USDA Approval*
- *Industrial grade*
- *Excellent weather resistance, does not crack, shrink or chalk*
- *Excellent for uses on high temperature application up to 600°F*
- *Excellent mold and mildew resistance*

### TECHNICAL SPECIFICATIONS

Packaging	(12) 10.3 oz. tubes, 40 lb. pail, 441 lb. drum
Shelf Life	18 months in unopened containers
Typical Properties	Sag or slump..... nil Tack free time at 77°, 50% RH..... less than 1 hour Curing time at 77°F, 1/4" bead..... 5 to 7 days Durometer hardness (Shore A)..... 23 Tensile Strength..... 245 psi Peel strength..... 20 ppi Dynamic joint movement..... ± 25% Weatherability..... excellent
Coverage Rate	31 linear ft. using 1/4" bead
Color	Red
Temperature Limits	Storage..... at or below 100°F Application..... -80°F to 140°F Service..... up to 450°F for extended periods 600°F for shorter periods
Specification Compliance	Meets and exceeds Federal Specification MIL-A-46106, TT-00230C, TT-S-001543A, ASTM C-920, CAN-19, 13-M82; NSF and USDA approved. Meets FDA 21 CFR 177.2600 when properly cured.

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