

RTV SILICONE SEALANT



DESCRIPTION

POLYSIL silicone sealant is a one-part acetoxy cure sealant that cures in the presence of atmospheric moisture to produce a durable and flexible silicone rubber. **POLYSIL** is intended for a variety of applications, including general-purpose construction and industrial manufacturing and assembly.

RECOMMENDED USES

Due to its excellent adhesion characteristics, **POLYSIL** can be used for sealing and adhering glass, plastics, metal, most types of wood, ceramic, natural and synthetic fibers, and many painted surfaces in a variety of 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 manufacturers safety data sheet.

CLEAN UP

Use solvent following manufacturers' Material Safety Data Sheet precautions.

FEATURES

- All colors available
- FDA / USDA Approval
- NSF Approval
- Excellent weatherability
- Permanently flexible
- Excellent mold and mildew resistance

TECHNICAL SPECIFICATIONS

Packaging	(12) 10.3 oz. tubes, 40 lb. pail, 441 lb. drum
Shelf Life	12 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)..... 25 Tensile Strength..... 245 psi Peel strength..... 20 ppi Dynamic joint movement..... ± 25% Weatherability.....excellent
Coverage Rate	31 linear ft. using 1/4" bead
Color	Aluminum, Black, Bronze, Clear, Gray, White
Temperature Limits	Storage..... at or below 100°F Application..... -80°F to 140°F Service..... up to 450°F for extended periods 500°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.

Polymer Adhesives Sealant Systems Inc., is proud to be affiliated with the following organizations:



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