

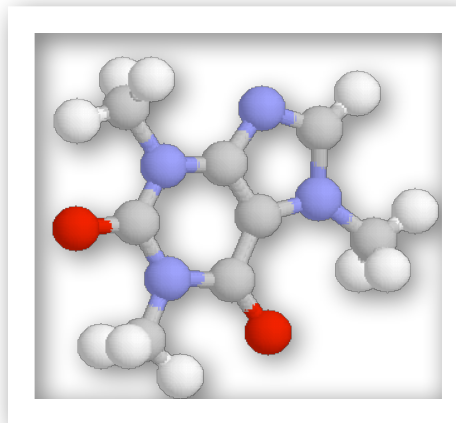
JIT SILICONES +

Fluorosilicone Adhesive/Sealant

Fluorosilicone Adhesive/Sealant

Chemical & Solvent Resistant

- Primary Use: Bonding & Sealing applications requiring solvent and or fuel resistance
- Bonds aggressively to most surfaces
- Service Temperature -85° F to 482° F
- White in color
- Acetoxy cure system
- Non-slumping paste



Standard package sizes:

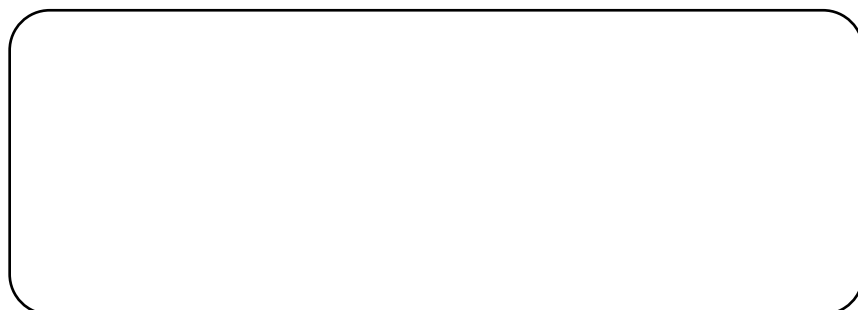
ITEM #	SIZE	NOTE
007302	6 oz (177ml) Cartridge	SEMCO Style
007303	23KG	Plastic Pail

JIT Silicones +

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Available from:



Technical Data

JIT *Fluorosilicone Adhesive/Sealant* is a one-part, non-slumping paste that cures to a rubbery solid at room temperature on exposure to water vapor in the air. This acetoxycure RTV (room temperature vulcanizing) fluorosilicone is designed to perform at temperatures from -85°F (-65°C) up to 482°F (250°C).

JIT *Fluorosilicone Adhesive/Sealant* is compliant with the Restriction of the Use of Certain Hazardous Substances in Electrical Equipment (RoHS) regulation contained in Article 4(1) of the European Parliament and Council's Directive 2002/95/EC. RoHS mandates that manufacturers restrict the use of lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polychlorinated biphenyls, and polybrominated diphenyl ethers in electrical and electronic equipment.

This material is compliant with the Registration, Evaluation, and Authorization of Chemicals (REACH) regulation (EU 1907/2006). JIT *Fluorosilicone Adhesive/Sealant* does not contain any of the 16 chemicals identified as Substances of Very High Concern (SVHC) by the European Chemicals Agency (ECHA), which oversees REACH compliance.

HOW TO USE:

1. Prepare surface for application of sealant. For proper application, surfaces must be clean & dry.
2. Cut nozzle to desired opening and puncture inner seal.
3. Apply by squeeze tube or Semco gun holding at 45° angle, pushing sealant ahead of nozzle.
4. Complete tooling immediately before a "skin" forms (typically within 5-10 minutes, but relative humidity will affect this).
5. Material cures & bonds in 24 hours with optimum strength achieved in 72 hours at 25°C (77°F) and 50% relative humidity.
6. After partial usage of container, any sealant remaining in nozzle will cure. Removal of cured plug from nozzle will allow reuse of remaining contents.

Note:

- Cure time is affected by relative humidity, degree of confinement and cross-sectional thickness of the sealant.
- The odor given off during cure is due to the liberation of acetic acid. This odor dissipates as cure progresses and is undetectable upon curing of the material.

Typical Properties - As Supplied

Test	Unit	Result	Method
Color		White	visual
Extrusion Rate	g/min	180	ASTM C603

Cure Characteristics - Exposed to air, 25°C (77°F) and 50% relative humidity

Skin-over time	minutes	5-10	ASTM C679
Tack-free time	minutes	25	ASTM C679
Cure time	hours	24	CTM

Typical Properties - As Cured

Test	Unit	Result	Method
Durometer, Shore A	points	35	ASTM D2240
Tensile at Break	psi	800	ASTM D412
Elongation at Break	%	375	ASTM D412
Tear Strength	ppi	55	ASTM D624
Specific Gravity		1.4	ASTM D792

Usable Life & Storage

When stored at or below 32°C (89.6°F), this product has a minimum usable life of 18 months from date of production.

Handling Precautions - See SDS (Safety Data Sheet)

Limited Warranty - Please Read Carefully

The information contained herein is offered in good faith and is believed to be accurate. However, Because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that JIT Silicones + (JIT) products are safe, effective, and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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