

JIT SILICONES +

Rapid Set Sealant

100% SILICONE SEALANT

- Primary Use: Industrial OEM Sealing and Bonding allowing quicker handling of components
- Fast Cure & Bond Strength
- Service Temperature -85° F to 350°F (400° F Intermittent)
- UV Resistant
- Excellent Weatherability
- **Low Odor Cure**
- Won't oxidize sensitive metals (brass, copper)



Standard package sizes:

ITEM #	SIZE	NOTE
11040 (gray)	10.1 oz (300ml) Cartridge	12 Cartridges Per Standard Box
11050 (gray)	5 gallon (21.5Kg) Pail	Plastic Pail

JIT Silicones +

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Available from:

Rapid Set Sealant

rev. 11-2015

Technical Data

JIT **Rapid Set Sealant** is a one-part, nonslumping paste that cures to a rubbery solid at room temperature on exposure to water vapor in the air. This neutral cure RTV (room temperature vulcanizing) silicone is designed to perform at temperatures from -85°F (-60°C) to 350°F (177°C), & intermittently to 400°F (204°C).

HOW TO USE:

1. Prepare surface for application of sealant. For proper application, surfaces must be clean & dry.
2. Cut top tip of cartridge above threads, attach nozzle and cut to desired opening size.
3. Apply with caulking gun holding at 45° angle, pushing sealant ahead of nozzle.
4. Complete tooling immediately before a “skin” forms (typically within 1-2 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.

Typical Properties - As Supplied

Test	Unit	Result	Method
Color		Gray	visual
Flow/Slump	inches	<=0.20	ASTM C639
Extrusion Rate	g/min	200	ASTM C603

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

Skin-over time	minutes	1-2 minutes	ASTM C679
Tack-free time	minutes	5-10	ASTM C679
Cure time	hours	24	CTM

Typical Properties - As Cured

Test	Unit	Result	Method
Durometer, Shore A	points	33	ASTM D2240
Tensile at Break	psi	>=240	ASTM D412
Elongation at Break	%	>=350	ASTM D412
Peel Strength Carb/SS	ppi	>=19	ASTM D794
Peel Strength Alum/SS	ppi	>=19	ASTM D794

Usable Life & Storage

When stored at or below 32°C (89.6°F), this product has a minimum usable life of 12 months from date of production.

Handling Precautions - See SDS (Safety Data Sheet)

Limited Warranty - Please Read Carefully

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