

JIT SILICONES +

Ultimate Gray

100% SILICONE SEALANT

- Primary Use:
Industrial gasketing
primarily formed in place
- Flexible Long Lasting Seal
- Service Temperature -65°
F to 450°F
(500° F Intermittent)
- UV Resistant
- Excellent Weatherability
- **Low Odor Cure**
- Won't oxidize sensitive
metals (brass, copper)
- Removable Nozzle on
Cartridges



Standard package sizes:

ITEM #	SIZE	NOTE
10064	10.1 oz (300ml) Cartridge	12 Cartridges Per Standard Box
10065	5 gallon pail	Plastic Pail
10066	55 gallon drum	Metal Drum

Available from:

JIT Silicones +

P.O. Box 24
Mars, PA 16046
Phone: (855) JIT-PLUS (855) 548-7587

www.jitsiliconesplus.com



Ultimate Gray Silicone Sealant

rev. 02-2017

Technical Data

JIT *Ultimate Gray Silicone 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 Oxime cure RTV (room temperature vulcanizing) silicone is designed to perform at temperatures from -65°F (-54°C) to 450°F (232°C), & intermittently to 500°F (260°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 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.

Typical Properties - As Supplied

Test	Unit	Result	Method
Color		GRAY	visual
Flow/Slump	inches	<=0.20	ASTM C639
Specific Gravity		1.5	ASTM D891
Extrusion Rate	g/min	>250	ASTM C603

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

Skin-over time	minutes	25	ASTM C679
Tack-free time	minutes	60	ASTM C679
Cure time	hours	24	CTM

Test	Unit	Result	Method
Durometer, Shore A	points	>45	ASTM D2240
Tensile at Break	psi	>=170	ASTM D412
Elongation at Break	%	>=120	ASTM D412
Peel Strength Carb/SS	ppi	>=19	ASTM D794
Peel Strength Alum/SS	ppi	>=19	ASTM D794

Typical Properties - As Cured

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 MSDS 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.

JIT's sole warranty is that the product will meet the sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. JIT SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE OR MERCHANTABILITY. JIT DISCLAIMS LIABILITY FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES.