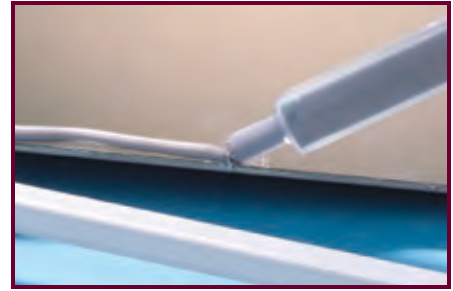


Elastomeric Gasketing & Sealing



Your Application

- Excellent fluid resistance
- Formulations for high operating temperatures available
- UV-curing formulations for cure-in-place production requirements
- Suited best for large-gap applications and stamped metal assemblies, where flange flexing occurs

ARE YOU GASKETING OR SEALING?

Gasketing

Fast Cure

High Fluid Resistance

One-Part

Light Cure

Rigid for High Torque

Normal Hardness

Solution

**SI 5900®
Instant Gasket**

SI 5050™

SI 5699™

AA 5810A™

Color	Black	Translucent	Grey	Black
Viscosity	Paste	Paste	Paste	Paste
Temperature Range	-75°F to 500°F (-59°C to 260°C)	Up to 300°F (149°C)	-75°F to 625°F (-59°C to 329°C)	-40°F to 300°F (-40°C to 150°C)
Oil Resistance	Increased Oil Resistance	N/A	Increased Oil Resistance	Excellent Oil Resistance
Agency Approvals	CFIA Listed	N/A	CFIA Listed	N/A

Product Description

LOCTITE® SI 5900® Instant Gasket

Makes high performance, leakproof gaskets in one minute. Equipment can be returned to service immediately. Blowout resistant. Outperforms precut gaskets.

P/N	Package Size
30509	5 fl. oz. cartridge
40479	190 ml aerosol can
40478	90 ml aerosol can
20176	300 ml cartridge Uses nozzle #870981

LOCTITE® SI 5050™ Silicone Adhesive Sealant

A UV light curing silicone for high speed adhesion, gasketing and sealing applications. High adhesion for difficult-to-bond substrates.

P/N	Package Size
1212165	40 lb. pail

LOCTITE® SI 5699™ Grey, High Performance RTV Silicone Gasket Maker

For rigid flange assemblies. Excellent fluid resistance. Easy to dispense, noncorrosive, low odor, low volatility. Grey in color.

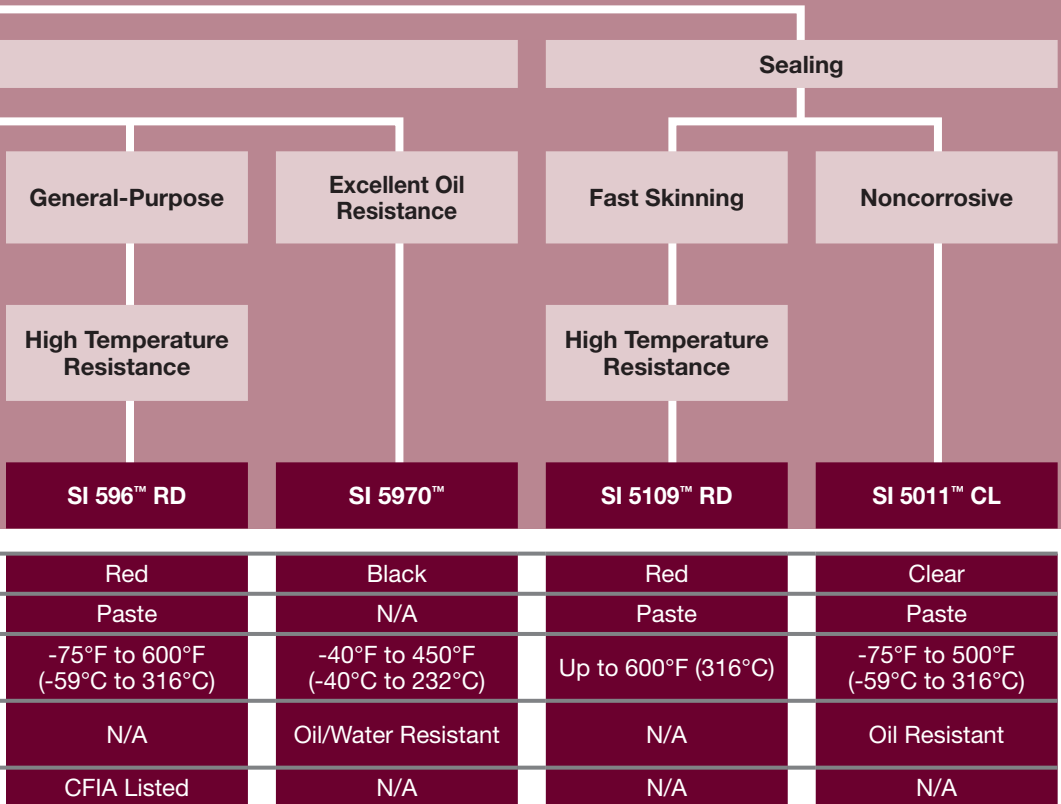
P/N	Package Size
18718	70 ml tube
18581	300 ml cartridge Uses nozzle #870981
18582	50 lb. pail
18583	550 lb. drum
40505	190 ml aerosol can

LOCTITE® AA 5810A™ Sealant

Single-component, non-silicone polyacrylate-based adhesive/sealant. Excellent oil resistance.

P/N	Package Size
39211	300 ml cartridge
39210	50 lb. pail

* Made-to-order item.



**LOCTITE® SI 596™ RD
Silicone Adhesive Sealant**

Makes gaskets that resist temperatures to 600°F (316°C) intermittent. Resists aging, weather and thermal cycling without shrinking, cracking or hardening. Fills gaps to 0.25 in.

P/N	Package Size
59630	80 ml tube
59675	300 ml cartridge
82279	12 oz. tube
40465	190 ml aerosol can

**LOCTITE® SI 5970™
Flange Sealant**

A non-oxime gasket maker. Resistant to liquid coolants, oils and most automotive fluids.

P/N	Package Size
39246	300 ml cartridge
35230	50 lb. pail

**LOCTITE® SI 5109™ RD Tile
Bond Red High Temp RTV
Silicone Adhesive Sealant**

High initial tack strength silicone that resists temperatures to 600°F (316°C) intermittent.

P/N	Package Size
19163	300 ml cartridge
1162399	4.5 gallon pail

**LOCTITE® SI 5011™ CL
Noncorrosive RTV Silicone
Adhesive Sealant**

Neutral curing and noncorrosive for aluminum, concrete and electrical applications.

P/N	Package Size
51387	80 ml tube
51388	300 ml cartridge

Elastomeric Gasketing & Sealing



LOCTITE® Gasketing Properties Charts

75

Gasketing & Sealing

LOCTITE® PRODUCT		ITEM NUMBER	PACKAGE TYPE/SIZE	COLOR	CONSISTENCY	OIL RESISTANCE	TEMPERATURE RANGE (INTERMITTENT)	SEALING TIME	AGENCY APPROVALS	
SEALING / FORMED-IN-PLACE	NONCORROSIVE	SI 598™ BLACK	34018 59830 59875 59891 40463	0.5 oz. tube** 70 ml tube 300 ml cartridge 49 lb. pail 190 ml can	Black	Paste	Excellent oil resistance	-75°F to 625°F (-59°C to 329°C)	Tack-Free – 30 min. Full Strength – 24 hrs.	CFIA Listed
		SI 587™ BLUE	58730 58775 58791 40462	70 ml tube 300 ml cartridge 50 lb. pail 190 ml can	Blue	Paste	Increased oil resistance	-75°F to 500°F (-59°C to 260°C)	Tack-Free – 30 min. Full Strength – 24 hrs.	NSF P1, CFIA Listed, ABS
		SI 5699™ GREY	18718 18581 18582 18583 40505	70 ml tube 300 ml cartridge 50 lb. pail 550 lb. drum 190 ml can	Grey	Paste	Increased oil resistance	-75°F to 625°F (-59°C to 329°C)	Tack-Free – 30 min. Full Strength – 24 hrs.	CFIA Listed
		SI 5920™ COPPER	30542 82046 21472	70 ml tube 300 ml cartridge 40 lb. pail	Copper	Paste	Increased oil resistance	-65°F to 700°F (-54°C to 371°C)	Tack-Free – 60 min. Full Strength – 24 hrs.	CFIA Listed

LOCTITE® PRODUCT	ITEM NUMBER	PACKAGE TYPE/SIZE	COLOR	TYPICAL USE	GAP FILL (INCHES)	EXTRUSION RATE (g/min.)	TEMP. RANGE	CURE METHOD	CURE SPEED*	SPECIFIC GRAVITY	SHORE HARDNESS	% ELONGATION	TENSILE STRENGTH (psi†)	AGENCY APPROVALS
SI 5620™	1257478	400 ml dual cartridge	Ultra-Clear / 1:1 A:B by volume	Ultra-clear potting, encapsulating, and sealing; noncorrosive	Unlimited	N/A	-40°F to 450°F (-40°C to 232°C)	Two-part	30 min.	1.00	A 35	N/A	N/A	N/A
	Part A - 1257595 Part B - 1257597	40 lb. pail 40 lb. pail												
	Part A - 1257594 Part B - 1257596	400 lb. drum 400 lb. drum												
SI 5900®	30509 40479 40478	5 fl. oz. cartridge 190 ml can 90 ml can	Black	High adhesion, instant seal	0.390	20 to 50	-65°F to 500°F (-54°C to 260°C)	Moisture	Tack-Free – 20 min. Full Cure – 24 hrs. to 7 days	1.3 to 1.37	A 31 to 36	>400	>246	NSF P1
	20176 20177 20178	300 ml cartridge 50 lb. pail 550 lb. drum	Black	High adhesion, instant seal	0.250	35	-65°F to 500°F (-54°C to 260°C)	Moisture	Tack-Free – 20 min. Full Cure – 24 hrs.	1.34	A 35	550	200	CFIA Listed, NSF P1
	38535 36923	300 ml cartridge 50 lb. pail	Black	High adhesion, fast cure depth	0.240	350	-65°F to 500°F (-54°C to 260°C)	Moisture	Tack-Free – 20 min. Full Cure – 24 hrs.	1.30	A 39	345	270	CFIA Listed
SI 5905™	40969	300 ml cartridge	White											
	21746 21747 21748	300 ml cartridge 50 lb. pail 550 lb. drum	Black	High adhesion	0.240	600	-65°F to 500°F (-54°C to 260°C)	Moisture	Tack-Free – 20 min. Full Cure – 24 hrs.	1.34	A 30	550	200	CFIA Listed
SI 5970™	39246 35230	300 ml cartridge 50 lb. pail	Black	Oil/water resistance	0.240	60	-40°F to 450°F (-40°C to 232°C)	Moisture	Tack-Free – 25 min. Full Cure – 24 hrs.	1.41	A 44	>200	278	N/A
	21744 28298 20170	300 ml cartridge 50 lb. pail 550 lb. drum	Grey	Oil/water resistant, instant seal	0.240	105	-75°F to 625°F (-59°C to 329°C)	Moisture	Tack-Free – 10 min. Full Cure – 24 hrs.	1.45	A 60	175	500	N/A
SI 5045™	40409 40408	3 oz. tube 300 ml cartridge	Clear	Military, high tensile	0.250 in.	40	-65°F to 400°F (-54°C to 204°C)	Moisture	Tack-Free – 1.5 hrs. Full Cure – 24 hrs.	1.14	A 25	>500	>493	MIL-A-46146B

= Indicates Worldwide Availability

* Varies with substrates. ** Uncarded tubes, sold as full cases of 100 pieces. † Grit-blasted steel.