

Loctite® brand silicone gasketing materials include unique products with excellent fluid resistance, formulations for high operating temperatures, and UV-curing formulations for cure-in-place production requirements. Silicone gasketing products are best suited for large gap applications and stamped metal assemblies where flange flexing occurs.

# GASKETING

## SILICONE

### FORM-IN-PLACE

#### Loctite® 5699™ Flange Sealant

*Grey High Performance  
RTV Silicone Gasket Maker*

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

#### Loctite® 5900® Flange Sealant

*Heavy Body RTV Silicone*

Superior flexibility and adhesion. Provides instant seal. Excellent fluid resistance. Non-corrosive, low odor, low volatility. Black in color.

NEW

#### Loctite® 5905™ Flange Sealant

*RTV Silicone*

Superior flexibility and adhesion, fast depth of cure. Offers excellent fluid resistance.

#### Loctite® 5910® Flange Sealant

*RTV Silicone*

Superior flexibility and adhesion. Excellent fluid resistance. Medium body is easy to dispense. Non-corrosive, low odor, low volatility. Black in color.

#### Loctite® 5920™ Flange Sealant

*Copper High Performance  
RTV Silicone Gasket Maker*

High performance for rigid flange assemblies. Low volatility. Copper in color.

#### Loctite® 5999™ Flange Sealant

*Heavy Body/Grey High Performance  
RTV Silicone Gasket Maker*

For rigid flange assemblies. Provides instant seal. Excellent fluid resistance. Non-corrosive, low odor, low volatility. Grey in color.

### CURE-IN-PLACE

#### Loctite® 5950™/5951™ Fastgasket® Flange Sealant

Designed for automated assembly. Rapid 30 second UV cure permits in-line processing. Secondary moisture cure insures full cure even in shadowed areas. Black/clear in color.

#### Loctite® 5960™ Fastgasket® Flange Sealant

Designed for automated assembly. Rapid 30 second UV cure permits in-line processing. Fluid resistant. Clear in color.

**Loctite® 5963™ Procure®  
Cure-In-Place Gasket**

*Heat Cure Compression*

Superior compression set resistance. One-component, exceptional fluid resistance, and heat resistance to 150°C. Great for powertrain applications. Grey in color.

**Loctite® 5964™ Procure®  
Cure-In-Place Gasket**

*Heat Cure Compression*

Soft, with greater elongation. Cures with either convection heat or microwave. One-component, good compression set for powertrain applications. Brown in color.

For the name and number of your nearest distributor, call: 1-800-LOCTITE (562-8483)

Or visit us on the web at: [www.loctite.com](http://www.loctite.com)

LOCTITE® BRAND FORM-IN-PLACE SILICONE FLANGE SEALANTS PROPERTIES CHART

PRODUCT	Item Number	Container	Typical Use	Color	Gap Fill	Extrusion Rate (gm/min.)	Temperature Range (intermittant)	Cure Method	Cure Speed*	Specific Gravity	Durometer**	% Elongation	Tensile Strength (psi)Δ	Agency Approvals
5699™	18718 18581 18582 18583	70 ml tube 300 ml cartridge 50 lb. pail 550 lb. drum	Oil/water resistant	Grey	.250"	250	-75°F to 625°F	Moisture	Tack free - 30 min. Full cure - 24 hrs.	1.45	55	160	435	-
5900®	20166 20167 20168	300 ml cartridge 50 lb. pail 550 lb. drum	High adhesion, instant seal	Black	.250"	35	-65°F to 500°F	Moisture	Tack free - 20 min. Full cure - 24 hrs.	1.34	35	550	200	CFIA, NSF P1
5905™	38535 36923	300 ml cartridge 50 lb. pail	High adhesion, fast depth of cure	Black	.240"	350	-65°F to 500°F	Moisture	Tack free - 20 min. Full cure - 24 hrs.	1.30	39	345	270	-
5910®	21746 21747 21748	300 ml cartridge 50 lb. pail 550 lb. drum	High adhesion	Black	.240"	600	-65°F to 500°F	Moisture	Tack free - 20 min. Full cure - 24 hrs.	1.34	30	550	200	-
5920™	30542 82046 21472	70 ml tube 300 ml cartridge 40 lb. pail	High temperature	Copper	.240"	>300	-65°F to 700°F	Moisture	Tack free - 60 min. Full cure - 24 hrs.	1.05	31	355	275	-
5999™	21744 28298 20170	300 ml cartridge 50 lb. pail 550 lb. drum	Oil/water resistant, instant seal	Grey	.240"	105	-75°F to 625°F	Moisture	Tack free - 10 min. Full cure - 24 hrs.	1.45	60	175	500	-

\* Varies with substrates. \*\* Shore A. Δ Grit blasted steel. Indicates worldwide availability.

LOCTITE® BRAND FASTGASKET® CURE-IN-PLACE SILICONE FLANGE SEALANTS PROPERTIES CHART

PRODUCT	Item Number	Container	Color	Extrusion Rate (gm/min.)	Cure Method	Cure Speed*	Hardness	% Elongation	Tensile Strength (psi)Δ	Agency Approvals
5950™ Fastgasket®	29287 18495	300 ml cartridge 40 lb. pail	Black	350	UV/ moisture	30 seconds @ 120 mW/cm <sup>2</sup>	30	200	150	UL Listed for U.S.
5951™ Fastgasket®	18198	40 lb. pail	Clear	350	UV/ moisture	30 seconds @ 120 mW/cm <sup>2</sup>	30	200	150	-
5960™ Fastgasket®	31132 24707	300 ml cartridge 40 lb. pail	Clear	350	UV	30 seconds @ 120 mW/cm <sup>2</sup>	50	260	600	-

\* Varies with substrates. Indicates worldwide availability.

LOCTITE® BRAND PROCURE® CURE-IN-PLACE GASKETS PROPERTIES CHART

PRODUCT	Item Number	Container	Color	Extrusion Rate (gm/min.)	Cure Method	Cure Speed*	Hardness	% Elongation	Tensile Strength (psi)Δ
5963™ Procure®	34337	50 lb. pail	Grey	250	Heat	10 minutes @150°C	50	360	620
5964™ Procure®	34347 34348	50 lb. pail 300 ml cartridge	Brown	120	Heat/ microwave	10 minutes@150°C/ VFM 2-4 minutes	32	530	635

\* Varies with substrates.