

Loctite® Silicones and Urethane Gasketing Properties Chart

PRODUCT	Item Number	Package Type & Size	COLOR	CONSISTENCY	OIL RESISTANCE	NONCORROSIVE	TEMPERATURE RANGE (INTERMITTENT)	SEALING TIME	AGENCY APPROVALS	
HIGH PERFORMANCE RTV SILICONES	Instant Gasket	30509 30507 40479 40478	5 oz. cartridge 7 oz. can 190 ml can 90 ml can	Black	Paste	Increased oil resistance	✓	-75°F to 500°F (-59°C to 260°C)	Operating strength 15 psi – 1 minute	GM 998-5990 Type 1, Ford WSE-M4G323-A6, Daimler Chrysler MS-GF44 Grade A, CFIA
	598™ Black	34018 59830 59875 59891 40463	0.5 ml 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 minutes Full Strength – 24 hours	ABS, CFIA
	587™ Blue	58730 58775 58791 40462	70 ml tube 300 ml cartridge 17 liter pail 190 ml can	Blue	Paste	Increased oil resistance	✓	-75°F to 500°F (-59°C to 260°C)	Tack Free – 30 minutes Full Strength – 24 hours	UL Listed for U.S., NSF P1, CFIA, ABS
	5699™ Grey	18718 18581 40505	70 ml tube 300 ml cartridge 190 ml can	Grey	Paste	Increased oil resistance	✓	-75°F to 625°F (-59°C to 329°C)	Tack Free – 30 minutes Full Strength – 24 hours	CFIA
	5920™ Copper	30542 82046	70 ml tube 300 ml cartridge	Copper	Paste	Increased oil resistance	✓	-65°F to 700°F (-54°C to 371°C)	Tack Free – 60 minutes Full Strength – 24 hours	CFIA
	5905™ Black	38535	300 ml cartridge	Black	Paste	Excellent oil resistance	✓	-65°F to 500°F (-54°C to 260°C)	Tack free – 20 minutes Full Strength – 24 hours	CFIA
SUPERFLEX® RTV SILICONES	Superflex® Blue RTV	30560 30533 30518 40482	80 ml tube 300 ml cartridge 12 oz. tube 190 ml can	Blue	Paste	N/A	N/A	-65°F to 500°F (-54°C to 260°C)	Tack Free – 30 minutes Full Strength – 24 hours	N/A
	Superflex® Red High Temp RTV	59630 59675 82279 40465	80 ml tube 300 ml cartridge 12 oz. tube 190 ml can	Red	Paste	N/A	N/A	-75°F to 600°F (-59°C to 316°C)	Tack Free – 30 minutes Full Strength – 24 hours	CFIA
	Superflex® Clear Noncorrosive RTV	51387 51388	80 ml tube 300 ml cartridge	Clear	Paste	Oil resistant	✓	-75°F to 500°F (-59°C to 260°C)	Tack Free – 25 minutes Full Strength – 24 hours	UL Listed for U.S.
	Superflex® RTV	59330 59375 40464	80 ml tube 300 ml cartridge 190 ml can	Black	Paste	N/A	N/A	-65°F to 450°F (-54°C to 232°C)	Tack Free – 30 minutes Full Strength – 24 hours	UL Listed for U.S., NSF/ANSI 51, CFIA
		59530 59575 40481	80 ml tube 300 ml cartridge 190 ml can	Clear						
		59430 59475 40466	80 ml tube 300 ml cartridge 190 ml can	White						
URETHANE SEALANT	Urethane Sealant	39916 36132	10.2 oz. cartridge 10.2 oz. cartridge	Grey Black	Paste	N/A	N/A	-40°F to 180°F (-40°C to 82°C)	Heavy Skin over 2 to 4 hrs. Full Cure – 3 days	CFIA

Loctite® Gasketing Silicones and Urethane Attribute and Application Chart

PRODUCT	MAIN ATTRIBUTES	APPLICATIONS
Instant Gasket	Instant seal and blowout resistance, replaces most cut gaskets, low odor, sensor-safe	Timing gear and valve covers, water pumps, gearboxes, transmission pans
598™ Black	Forms a tough, flexible silicone rubber gasket	Oil pans, valve covers, timing gear covers, differential covers
587™ Blue	Plant maintenance and small- to large-sized OEM	Typical automotive gasketing applications
5699™ Grey	Excellent oil resistance	Rigid flange sealing of transmissions and cast metal housings
5920™ Copper	Fills voids in surfaces for a positive seal	Adheres to most surfaces
5905™ Black	Fast cure, excellent fluid resistance	Large gap applications, flange flexing
Superflex® Blue RTV	Forms a tough, flexible silicone rubber gasket, oxygen sensor-safe	Typical automotive gasketing applications
Superflex® Red High Temp RTV	Plant maintenance and small- to large-sized OEM, low silicone volatiles	Automotive gasketing, industrial furnaces, boilers, ducting
Superflex® Clear Non-Corrosive RTV	Resists steam, chemical and UV ozone exposure	Adheres to most surfaces
Superflex® RTV	Resists aging, weathering and thermal cycling without hardening, shrinking, or cracking	Adheres to most surfaces
Urethane Sealant	Lifelong flexibility, paintable, weather resistant	Forming expansion joints, sealing gutters, filling concrete cracks