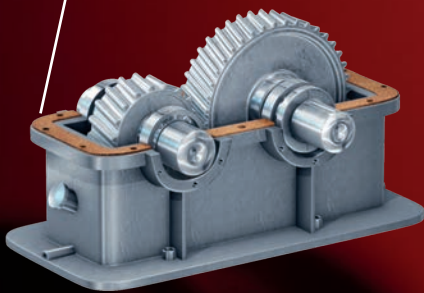


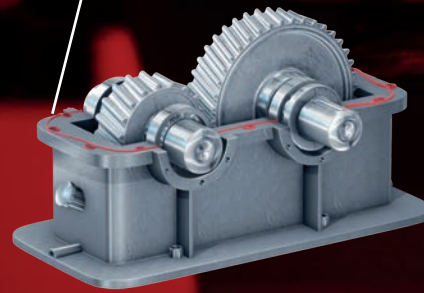
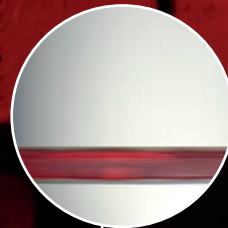
# GASKETING PRODUCTS

Cut gaskets leak. **We seal.**



## PROBLEM

With compression gaskets:  
Not all surface imperfections are filled.  
They distort, relax under compression  
and displace from the joint.



## SOLUTION

With liquid gaskets:  
When assembled, all surface imperfections  
are filled, adding structural stiffness and  
eliminating micromovement and slipping. They  
do not shrink, crack or suffer from relaxation.

# Liquid gaskets hold up better. For longer lasting seals.

To provide a leak-free seal over a long period of time, gaskets must fill voids and be resistant to liquids and/or gases, while withstanding the operating temperatures and pressures to which they are subjected. LOCTITE® offers a range of gasketing products designed for any flange type, gap size or material.



## How to choose a gasketing product.



### FLANGE TYPE

#### RIGID MACHINED FLANGES

Rigid, machined flange surfaces typically are designed for no gap, allowing for metal to metal contact. For these assemblies, anaerobic liquid gaskets are the best choice because they provide the highest strength seal.

#### STAMPED OR FLEXIBLE FLANGES

Typically thinner, stamped metal flanges can have larger gaps that need to be filled. They are also subject to more flex in service. For these types of assemblies, silicone liquid gasketing products provide the best seal.



Find the right product for your application



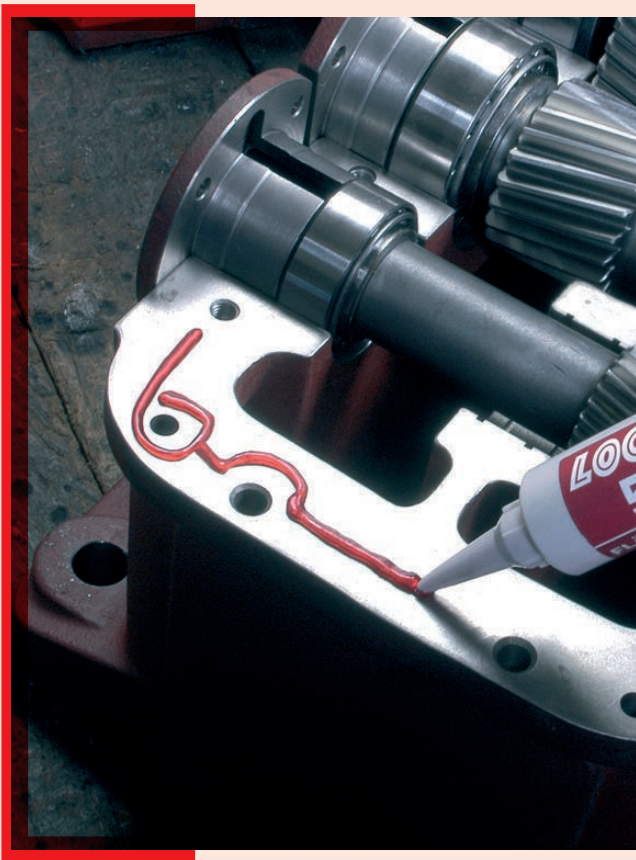
**FLANGE TYPE**

**Rigid Machined Flange**

- LOCTITE® 518™
- LOCTITE® 515™
- LOCTITE® 510™
- LOCTITE® 573™
- LOCTITE® 5127™

**Stamped Flange**

- LOCTITE® SI 5699™
- LOCTITE® SI 5900™
- LOCTITE® SI 587™
- LOCTITE® SI 596™



**Rigid Machined Flange**

GASKETING PRODUCTS



**518™**  
General Purpose

**Colour:** Red  
**Viscosity:** 4,000,000 cP Thixotropic  
**Temperature Resistance:** Up to 150°C  
**Cure Method:** Anaerobic



**515™**  
General Purpose

**Colour:** Purple  
**Viscosity:** 1,500,000 cP Thixotropic  
**Temperature Resistance:** Up to 150°C  
**Cure Method:** Anaerobic



**510™**  
High Temperature

**Colour:** Opaque Pink  
**Viscosity:** 400,000 cP Thixotropic  
**Temperature Resistance:** Up to 204°C  
**Cure Method:** Anaerobic



**573™**  
Slow Curing

**Colour:** Green  
**Viscosity:** 23,250 cP Thixotropic  
**Temperature Resistance:** Up to 150°C  
**Cure Method:** Anaerobic



**5127™**  
Highly Flexible

**Colour:** Blue  
**Viscosity:** 120,000 cP Thixotropic  
**Temperature Resistance:** Up to 150°C  
**Cure Method:** Anaerobic

**Stamped Flange**

GASKETING PRODUCTS



**SI 5699™**  
Chemical Resistant

**Colour:** Grey  
**Viscosity:** Paste  
**Temperature Resistance:** 204°C  
**Cure Method:** Moisture



**SI 5900™**  
Instant Seal

**Colour:** Black  
**Viscosity:** Paste  
**Temperature Resistance:** 232°C  
**Cure Method:** Moisture



**SI 587™**  
High Adhesion

**Colour:** Blue  
**Viscosity:** Paste  
**Temperature Resistance:** 260°C  
**Cure Method:** Moisture



**SI 596™**  
High Temperature

**Colour:** Red  
**Viscosity:** Paste  
**Temperature Resistance:** 316°C  
**Cure Method:** Moisture



## GASKETING PRODUCTS

Product	Item Number	Pack Size	Colour	Features	Max Gap Fill Unprimed *	Viscosity [cP] 20 RPM	Thixotropic (yes/no)	Temperature Range	Fixture Time Steel
<b>RIGID MACHINED FLANGES</b>									
<b>510™</b>	2779070	50 ml	Opaque Pink	High temperature resistance, Excellent chemical resistance, AGA certificate 2590, up to 500kPa, Class II, Domestic Gas	0.25 mm	400,000	Yes	-55°C to 204°C	20 mins
	1496883	250 ml							
<b>515™</b>	209756	6 ml	Purple	Longer working time; for flexible applications, AGA certificate 2590, up to 500kPa, Class II, Domestic Gas	0.25 mm	1,500,000	Yes	-55°C to 150°C	30 mins
	2779091	50 ml							
	265605	300 ml							
<b>518™</b>	2096062	6 ml	Red	Primerless, oil tolerant, enhanced temperature resistance	0.25 mm	4,000,000	Yes	-55°C to 150°C	10 mins
	2099616	25 ml							
	2779094	50 ml							
	2096061	300 ml							
<b>573™</b>	1580740	250 ml	Green	Low strength, Very Long Open Time	0.25 mm	23,250	Yes	-55°C to 150°C	10 hrs
<b>5127™</b>	555354	50 ml	Dark Blue	Highly flexible	0.25 mm	120,000	Yes	-55°C to 150°C	15 mins
	449138	300 ml							

Product	Item Number	Pack Size	Colour	Feature	Viscosity cps [Mpas] or Extrusion Rate** g/min	Temperature Range	Tack Free Time
<b>STAMPED OR FLEXIBLE FLANGES</b>							
<b>SI 596™ Superflex Red RTV</b>	135507	80 ml	Red	High temperature resistance, good oil resistance, Acetoxy silicone	250 g/min	-59°C to 316°C	1 hr
	287421	85 g					
	198817	300 ml					
	287425	310 g					
<b>SI 5699™ Grey Maxx</b>	287301	95 g	Grey	Outstanding oil resistance, More rigid and harder than the other silicones, Oxine silicone	200 g/min	-59°C to 204°C	30 mins
	473152	300 ml					
<b>SI 5900™ Black Maxx</b>	743913	190 ml	Black	Excellent oil resistance, provides instant seal for auto blowout test	35 g/min	-54°C to 232°C	10 mins
	212184	300 ml					
<b>SI 587™ Blue Maxx</b>	332651	95 g	Blue	Excellent oil and coolant resistance, Low odour, Low VOC's	275 g/min	-59°C to 260°C	30 mins
	333949	300 ml					
<b>SI 5920™ Copper Maxx</b>	287437	85 g	Copper	High temperature resistance, good oil resistance, Oxine silicone	275 g/min	-54°C to 350°C	40 mins

\*Note: To increase gap fill, use a primer

\*\*Different viscosity test used

