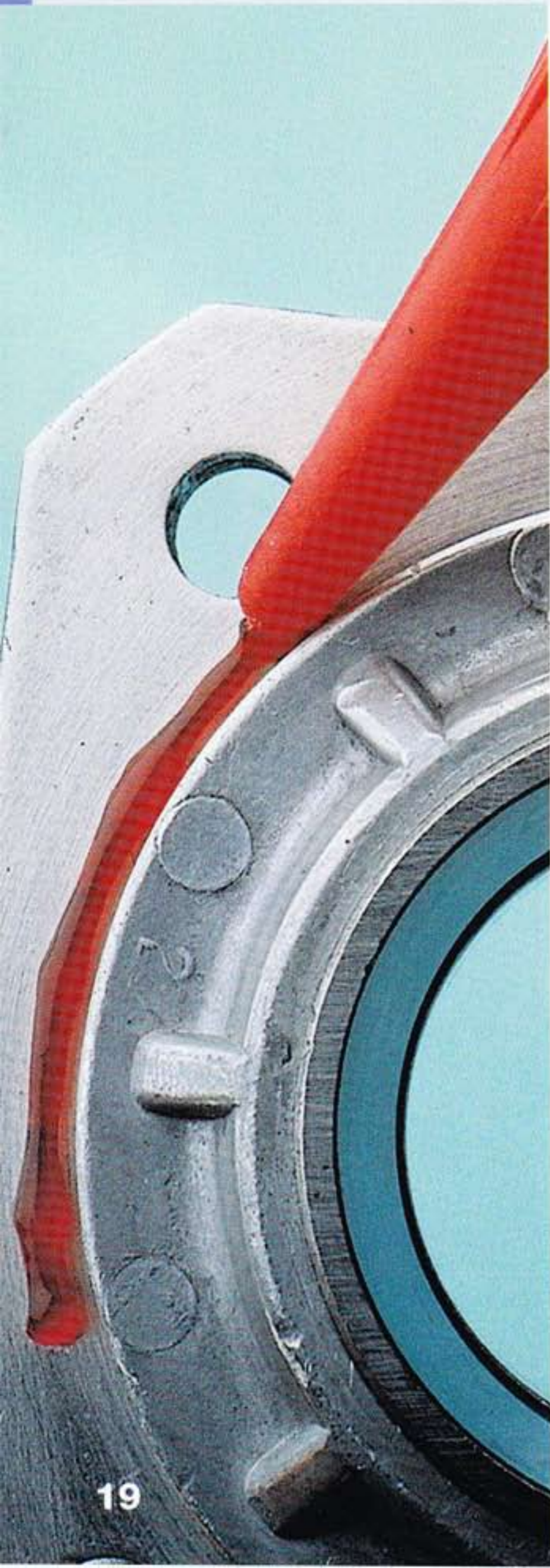


# Gasketing – Anaerobic

Anaerobic gasketing technology has revolutionized the sealing of flanges in the automotive industry, in the assembly of heavy equipment, and in the manufacture of various types of fluid power equipment. Loctite® brand anaerobic gasketing materials remain liquid when exposed to air, but cure when confined between mating flanges. Anaerobic gasketing products are best suited for small gap applications and rigid metal-to-metal assemblies.



## LOCTITE® 504™ GASKET ELIMINATOR® FLANGE SEALANT

### Gap Filling

A single-component, instant, low pressure seal that fills gaps to 0.050".

## LOCTITE® 509™ GASKET ELIMINATOR® FLANGE SEALANT

### Flexible

Product withstands minor flange movements caused by vibrations. It will not run when applied to vertical surfaces. Fluorescent blue properties allow easy visual inspection during assembly.

## LOCTITE® 510™ GASKET ELIMINATOR® FLANGE SEALANT

### High Temperature

Product has a temperature range to 400°F with excellent solvent and chemical resistance. Makes or dresses gaskets in rigid assemblies. Eliminates gasket compression set.

## LOCTITE® 515™ GASKET ELIMINATOR® FLANGE SEALANT

Makes flexible gaskets for rigid machined flanges with less than 0.050" gap. Flexes with flanges that move in service.








## LOCTITE® 518™ GASKET ELIMINATOR® FLANGE SEALANT

Forms a flexible, solvent-resistant seal that will not tear or decay. Seals to 300°F and fills gaps to 0.050". Can be used on flexible metal assemblies, including aluminum surfaces. Easy disassembly and cleaning.



## Loctite® Brand Gasketing Products Properties Chart

PRODUCT	Item Number	Container	COLOR	TYPICAL USE	GAP FILL	CURED STATE	VISCOSITY (cP)	TEMPERATURE RANGE	CURE SPEED	RECOMMENDED PRIMER	SPECIFIC GRAVITY	AGENCY APPROVALS
<b>504™ Gasket Eliminator®</b>	50441 50480	250 ml tube 300 ml cartridge	Orange	Gap filling	Unprimed – 0.030" Primed – 0.050"	Rigid	500,000/ 1,200,000 Thixotropic	-65°F to 300°F	Unprimed – 4 to 24 hrs. Primed – 30 min. to 4 hrs.	N™ or T™	1.08	N/A
<b>509™ Gasket Eliminator®</b>	21525 50965	300 ml cartridge 850 ml cartridge	Blue	Very flexible	Unprimed – 0.010" Primed – 0.020"	Flexible	65,000/ 200,000 Thixotropic	-65°F to 300°F	Unprimed – 6 to 48 hrs. Primed – 1 to 6 hrs.	N™	1.12	N/A
<b>510™ Gasket Eliminator®</b> 	51031 51041 51074	50 ml tube 250 ml tube 300 ml cartridge	Red	High temperature applications, excellent solvent resistance	Unprimed – 0.010" Primed – 0.020"	Rigid	188,000/ 500,000 Thixotropic	-65°F to 400°F	Unprimed – 4 to 24 hrs. Primed – 30 min. to 4 hrs.	N™	1.16	UL Classified for U.S.
<b>515™ Gasket Eliminator®</b> 	51517 51531 51580	6 ml tube 50 ml tube 300 ml cartridge	Purple	For flexible applications	Unprimed – 0.010" Primed – 0.050"	Flexible	275,000/ 950,000 Thixotropic	-65°F to 300°F	Unprimed – 1 to 12 hrs. Primed – 15 min. to 2 hrs.	N™	1.10	UL Classified for U.S.
<b>518™ Gasket Eliminator®</b> 	22423 22424 51817 51831 51845	Kit Kit 6 ml tube 50 ml tube 300 ml cartridge	Red	For all metals including aluminum flanges	Unprimed – 0.010" Primed – 0.050"	Flexible	800,000/ 3,750,000 Thixotropic	-65°F to 300°F	Unprimed – 4 to 24 hrs. Primed – 30 min. to 4 hrs.	N™	1.13	NSF/ANSI 61, CFIA
<b>549™</b>	54941	250 ml tube	Orange	Instant seal plastic gasket	Unprimed – 0.020" Primed – 0.050"	Rigid	22,500	-65°F to 300°F	Unprimed – 6 to 24 hrs. Primed – 2 hrs. to 24 hrs.	N™ or T™	1.25	N/A
<b>568™</b>	56841	250 ml tube	Orange	Plastic gasket	Unprimed – 0.015" Primed – 0.050"	Rigid	6,500	-65°F to 300°F	Unprimed – 12 to 24 hrs. Primed – 2 hrs. to 24 hrs.	N™ or T™	1.12	N/A
<b>573™</b> 	26392	250 ml tube	Green	Slow curing for extended assembly operations	Unprimed – 0.010" Primed – 0.020"	Semi-Rigid	19,000/ 60,000 Thixotropic	-65°F to 300°F	Unprimed – 6 to 48 hrs. Primed – 1 to 6 hrs.	N™	1.25	N/A
<b>574™</b> 	24018 26338	50 ml tube 250 ml tube	Orange	Fast curing, large gaps	Unprimed – 0.010" Primed – 0.020"	Semi-Rigid	30,000/ 100,000 Thixotropic	-65°F to 300°F	Unprimed – 1 to 12 hrs. Primed – 15 min. to 2 hrs.	N™	1.11	N/A
<b>5127™</b>	17430	300 ml cartridge	Blue	For flexible applications, high elongation	Unprimed – 0.010" Primed – 0.010"	Flexible	100,000/ 500,000 Thixotropic	-65°F to 300°F	Unprimed – 4 to 24 hrs. Primed – 1 to 24 hrs.	N™	1.10	N/A
<b>5182™</b>	18010	850 ml cartridge	Red	Robotic application on flanges, seals, covers	Unprimed – 0.010" Primed – 0.020"	Flexible	140,000/ 580,000 Thixotropic	-65°F to 300°F	Unprimed – 4 to 24 hrs. Primed – 30 min. to 24 hrs.	N™	1.10	N/A



Indicates worldwide availability.



Indicates TOP CHOICE products.