



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.

GASKETING

ANAEROBIC

Loctite® 504™ Gasket Eliminator® Flange Sealant

Gap Filling

A single-component, instant, low pressure seal that fills gaps to .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 .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® 5205™ Flange Sealant

Fast curing and flexible, good sealing properties against oil and water/glycol particularly at high temperatures. High viscosity.

LOCTITE® BRAND GASKETING PRODUCTS PROPERTIES CHART

PRODUCT	Item Number	Container	Typical Use	Color	Gap Fill	Cured State	Viscosity cP	Temperature Range	Cure Speed	Recommended Primer	Specific Gravity	Agency Approvals
504™ Gasket Eliminator®	50441 50480	250 ml tube 300 ml cartdg.	Gap filling	Orange	Unprimed - .030" Primed - .050"	Rigid	500,000/ 1,200,000 Thixotropic	-65°F to 300°F	Unprimed - 4 to 24 hrs. Primed - 30 min. to 4 hrs.	NF™	1.08	-
509™ Gasket Eliminator®	21525 50965	300 ml cartdg. 850 ml cartdg.	Very flexible	Blue	Unprimed - .010" Primed - .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	-
510™ Gasket Eliminator®	51031 51041 51074	50 ml tube 250 ml tube 300 ml cartdg.	High temp. applications Excellent solvent resistance	Red	Unprimed - .010" Primed - .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 Listed for U.S.
515™ Gasket Eliminator®	51517 51531 51580	6 ml tube 50 ml tube 300 ml cartdg.	For flexible applications	Purple	Unprimed - .010" Primed - .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 Listed for U.S.
518™ Gasket Eliminator®	22423 22424 51817 51831 51845	Kit Kit 6 ml tube 50 ml tube 300 ml cartdg.	For all metals including aluminum flanges	Red	Unprimed - .010" Primed - .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
549™	54941	250 ml tube	Instant seal plastic gasket	Orange	Unprimed - .020" Primed - .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	-
568™	56841	250 ml tube	Plastic gasket	Orange	Unprimed - .015" Primed - .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	-
573™	26392	250 ml tube	Slow curing for extended assembly operations	Green	Unprimed - .010" Primed - .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	-
574™	24018 26338	50 ml tube 250 ml tube	Fast curing, large gaps	Orange	Unprimed - .010" Primed - .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	-
5127™	17430	300 ml cartdg.	For flexible applications, high elongation	Blue	Unprimed - .010" Primed - .010"	Flexible	100,000/ 500,000 Thixotropic	-65°F to 280°F	Unprimed - 4 to 24 hrs. Primed - 1 to 24 hrs.	N™	1.10	-
5182™	18010	850 ml cartridge	Robotic application on flanges, seals, covers	Red	Unprimed - .010" Primed - .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	-
5205™	28554	50 ml bottle	Fast curing, flexible	Red	Unprimed - .010" Primed - .020"	Flexible	110,000/ 345,000 Thixotropic	-65°F to 300°F	Unprimed - 1 to 24 hrs. Primed - 5 min. to 24 hrs.	N™ or T™	1.19	-

🌐 Indicates worldwide availability.

