

Loctite® brand liquid thread sealants seal and secure metal pipes and fittings, filling the space between threaded metal parts, and hardening to prevent leakage. Designed for low and high pressure applications, liquid thread sealants seal instantly for low pressure testing. When fully cured, they seal to the burst strength of most piping systems.

THREAD SEALING

LIQUID THREAD SEALANTS

Loctite® 542™ Thread Sealant

Fine Threads

A liquid sealant recommended for sealing the fine threads of hydraulic and pneumatic connectors.

Loctite® 545™ Thread Sealant

Hydraulic/Pneumatic Fittings

A liquid sealant for locking and sealing high pressure, fluid power systems with tapered fittings. Contains no fillers and will not foul valves or fluid filtering systems.

Loctite® 564™ Thread Sealant

General Purpose

Ideal for large threads where easier disassembly is required.

Loctite® 565™ PST® Thread Sealant

Controlled Strength

A general purpose instant sealant for tapered and straight/tapered fittings. Controlled strength for ease of disassembly.

Loctite® 554™ Thread Sealant

Refrigerant Sealant

Excellent solvent resistance on threaded fittings and pipes up to 3" in diameter. Recommended for refrigeration systems and service with aggressive chemicals.

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

or use the "Distributor Locator" on our web site at www.loctite.com/distributor

New semi-solid thread sealing QuickStix™ are available! See pages 98 & 99 for more details.

Loctite® 567™ PST® Thread Sealant

High Temperature

Withstands temperatures to 400°F with excellent solvent resistance. Locks and seals tapered pipe threads and fittings, including high pressure applications. Disassembles with hand tools.

Loctite® 572™ Thread Sealant

Low Strength

Low strength sealant with moderate fixture speed for use on coarse threads.

Loctite® 577™ Thread Sealant

Coarse Threads

Medium strength, general purpose sealant for use on coarse, threaded components.

Loctite® 579™ Thread Sealant

Instant Seal

A general purpose pipe sealant that cures into a resistant plastic. Excellent solvent resistance and withstands temperatures to 300°F (149°C). Sealing is effective on threaded joints up to 2" in diameter. Lower locking strength secures elbows in any position but permits easy disassembly.

Loctite® 580™ PST® Thread Sealant

Low Halogen/Low Sulfur

For threaded fittings in fossil fuel, solar and hydro plant piping systems.

Loctite® 592™ PST® Thread Sealant

Slow Cure

Locks and seals threaded fittings. Parts may be repositioned up to 24 hours after application.

Loctite® 5772™ Thread Sealant

Low Halogen/Low Sulfur

A medium strength thread sealant with fast curing properties. Especially developed for use on sensitive metals, like Titanium, used in the Nuclear Industry. Parts can be separated using hand tools.

For technical information and/or product availability, call 1-800-LOCTITE or on the web

Visit

www.loctite.com



LOCTITE® BRAND LIQUID
THREAD SEALANTS
PROPERTIES CHART

PRODUCT	Item Number	Container	Typical Use	Color	Viscosity, cP	Temperature Range	Recommended Primer	Specific Gravity	Agency Approvals
542™ 	21453 37795	50 ml bottle 250 ml bottle	Fine threads	Brown	525/1,850 Thixotropic	-65°F to 300°F	N™ or T™	1.06	—
545™ 	54505 32429 54531 54541	.5 ml capsule 10 ml bottle 50 ml bottle 250 ml bottle	Pneumatic hydraulic sealant, no fillers	Purple	14,000	-65°F to 300°F	N™ or T™	1.02	ABS, CFIA
554™	25882 55441	10 ml bottle 250 ml bottle	Refrigerant sealant, high strength	Red	2,500	-65°F to 300°F	N™ or T™	1.02	CFIA
564™	28754 28755	50 ml tube 250 ml tube	General purpose, low strength for large diameter pipe	White	90,500	-65°F to 300°F	N™ or T™	1.17	CSA International, ULC Classified for Canada, NSF/ANSI 61, CFIA
565™ PST® 	56507 56531 56541 56571 56543 56566	6 ml tube 50 ml tube 250 ml tube 300 ml cartdg. 1 liter bottle 10 liter bottle	Controlled strength	White	300,000	-65°F to 300°F	N™ or T™	1.10	CSA International, UL Classified for U.S., ULC Classified for Canada, NSF/ANSI 61, CFIA
567™ PST®	56707 56747 56765 33241 56790	6 ml tube 50 ml tube 250 ml tube 350 ml brush can 1 liter bottle	For stainless steel and all other metal fittings	White	540,000	-65°F to 400°F	N™ or T™	1.14	CSA International, UL Classified for U.S., ULC Classified for Canada, ABS, CFIA
569™	56931 56941 56943	50 ml bottle 250 ml bottle 1 liter bottle	Original hydraulic sealant	Brown	400	-65°F to 300°F	N™ or T™	1.05	CFIA
571™	57141	250 ml bottle	Excellent solvent resistance and high strength	Brown	2,000	-65°F to 300°F	N™ or T™	1.10	MIL-S-22473E for existing designs, ASTM D5363 for new designs
572™ 	21454	50 ml tube	Slow cure, low strength	White	17,000/ 50,000 Thixotropic	-65°F to 300°F	N™ or T™	1.25	—
577™ 	21456 21457	50 ml tube 250 ml tube	Medium strength, coarse threads	Yellow	24,000/ 80,000 Thixotropic	-65°F to 300°F	N™ or T™	1.09	—
579™	57941	250 ml tube	Low strength, instant seal	Silver/ brown	20,000	-65°F to 300°F	N™ or T™	1.10	—
580™ PST®	58031	50 ml tube	Low halogen, low sulfur, PTFE free	White	600,000	-65°F to 300°F	—	1.08	—
592™ PST®	59214 59231 59241 59243	6 ml tube 50 ml tube 250 ml tube 1 liter bottle	Medium strength	White	350,000	-65°F to 400°F	NF™	1.21	UL Classified for U.S., ULC Classified for Canada, CFIA
5772™	25524	50 ml bottle	Low halogen, low sulfur, medium strength, fast cure	Yellow	7,500	-65°F to 300°F	—	1.09	—

 Indicates worldwide availability.