

Vibra-TITE®

THREAD SEALANTS

- Seals and secures metal pipes and fittings
- Fills the space between threaded metal parts
- Prevents leakage caused by tape shredding, vibration loosening, solvent evaporation, or damaged threads
- Prevents corrosion and galling of threads
- Low and high pressure applications
- Seals to burst strength of most piping systems
- Facilitates assembly
- Service removable



Vibra-Tite Part #	Available Sizes	LOCTITE® Part#	Product Description	Color	Viscosity (cP)	Max Gap Fill (in)	Sealing Pressure (PSI)	Temp Range	Fixture (min.)	Suggested Primer	Specs Met
420		565™/592™	CONTROLLED STRENGTH - SLOW CURE								
42050	50 mL Tube	56531/59231	Industrial grade, controlled locking strength, metal fittings. High temp & high performance. Gasoline resistant.	White	150,000 - 550,000 Paste	0.012	10,000	-65°F to 300°F	60	611 or 612	
42025	250 mL Tube	56541/59241									
42016	16oz Jar w/brush										
42000	1L Jug	56543/59243									
427		577™	MEDIUM STRENGTH - STAINLESS STEEL								
42750	50 mL Tube	21456	High Performance Sealant.	Yellow	420,000	0.012	10,000	-65°F to 300°F	90	611 or 612	
42725	250 mL Tube										
440		545™	PNEUMATIC / HYDRAULIC SEALANT								
44002	1.8 mL Bullet		Pneumatic and hydraulic sealant for fluid, power and gas system connections.	Purple	16,000	0.007	10,000	-65°F to 300°F	30	611 or 612	
44010	10 mL Bottle	32429									
44050	50 mL Bottle	54531									
44025	250 mL Bottle	54541									
44000	1L Jug										
442		5452™	HYDRAULIC FAST CURE SEALANT								
44250	50 mL Tube	1265769	Gel formula. Fast curing.	Purple	29,000 - 200,000		10,000	-65°F to 300°F		611 or 612	
444		569™	HYDRAULIC SEALANT - HIGH PRESSURE								
44410	10 mL Bottle		Hydraulic sealant, non shrink, high vibration and shock resistant.	Brown	300 - 500	0.007	10,000	-65°F to 300°F	10	612	
44450	50 mL Bottle	56931									
44425	250 mL Bottle	56941									
44400	1L Jug	56943									
446		554™	REFRIGERANT SEALANT - HIGH PRESSURE								
44610	10 mL Bottle	25882	Refrigerant sealant. Maximum solvent resistance.	Red	6000 - 8000		10,000	-65°F to 300°F	10	611 or 612	
44650	50 mL Bottle										
44625	250 mL Bottle	55441									
44600	1L Jug										
460		567™	HIGH TEMPERATURE - STAINLESS STEEL								
46006	6 mL Tube	56707	General purpose. For stainless steel and other inert metal threaded pipes and fittings. Gasoline resistant.	White	350,000	0.012	10,000	-65°F to 400°F	60	611 or 612	GM 1182607
46050	50 mL Tube	56747									
46025	250 mL Tube	56765									
46016	16 oz Jar w/brush	33241									
46000	1L Jug	56790									
480			MULTI-PURPOSE - FBC COMPATIBLE								
48004	4 oz Jar w/brush		PTFE non-hardening and non-toxic thread sealant for use in potable water systems.	White	160,000 -260,000		10,000	-35°F to 500°F	n/a	n/a	
48008	8 oz Jar w/brush										
48016	16 oz Jar w/brush										
486			MULTI-PURPOSE - NON HARDENING								
48604	4 oz Jar w/brush		Non-Curing Thread Sealant with PTFE. Used to seal against many liquids and gases both under pressure and vacuum.	Off White	25,000 - 100,000		5,000	-65°F to 300°F	n/a	n/a	
48608	8 oz Jar w/brush										
48616	16 oz Jar w/brush										

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Vibra-Tite 420 PTFE Instant Pipe Sealant - Industrial Grade with controlled lubricity, prevents galling while protecting from corrosion and rust. Parts may be repositioned up to 24 hours after assembly. Typical uses include stainless steel and all other metal fittings. **COMPETES WITH LOCTITE® 565™/592™**

Vibra-Tite 427 Medium Strength - Stainless Steel Pipe Sealant with high viscosity, locks and seals threaded fittings with high performance withstanding temperatures up to 300°F (149°C). Suitable for stainless steel. **COMPETES WITH LOCTITE® 577™**

Vibra-Tite 440 Hydraulic & Pneumatic High Pressure Sealant with excellent solvent resistance. It locks hydraulic and pneumatic connections producing a high strength, high pressure seal, while allowing easy disassembly with standard tools. Typical uses include pneumatic fittings, small pipe threads, and hydraulic fittings up to 2" in diameter. **COMPETES WITH LOCTITE® 545™**

Vibra-Tite 442 Hydraulic Fast Cure Sealant is a fast curing gel thread sealant which withstands temperatures up to 300°F (149°C). **COMPETES WITH LOCTITE® 5452™**

Vibra-Tite 444 Hydraulic High Pressure Sealant is a general purpose pipe sealant that creates an instant seal on threaded joints with a high resistance to solvents and withstands temperatures to 300°F (149°C). Typical uses: Small pipe threads and hydraulic fittings. **COMPETES WITH LOCTITE® 569™**

Vibra-Tite 446 High Pressure Sealant - Refrigerant Sealant provides excellent resistance to solvents on threaded pipes and fittings up to 3" in diameter. Typical uses include refrigeration systems and service with volatile chemicals. **COMPETES WITH LOCTITE® 554™**

Vibra-Tite 460 High Temperature - Stainless Steel Pipe Sealant prevents galling and provides an instant low pressure seal on coarse fitting threads which is further strengthened as the product cures. Assembled parts can withstand temperatures up to 400°F (204°C) and may be repositioned up to 24 hours after assembly. Typical uses include stainless steel, aluminum, galvanized metal and other inert metal threaded pipe fittings. **COMPETES WITH LOCTITE® 567™**

Vibra-Tite 480 Multi-Purpose - FBC Compatible Thread Sealant with PTFE is designed to lubricate and seal threaded connections. A non-curing and non-toxic formula, Vibra-Tite 480 contains no lead or harmful metals and can be used in potable water systems.

Vibra-Tite 486 Multi-Purpose Thread Sealant with PTFE is a creamy white paste for general purpose pipe and thread sealing. Typical applications include sealing threaded pipes, pipe fittings and flanges to seal against liquids and gases.

Benefits:

- Lubricates during assembly
- Seals regardless of assembly torque
- Seals to the burst rating of the pipe
- Provides controlled disassembly torque
- Easy dispensing
- Good chemical and temperature resistance, 300°F (150°C)
- Instant seal
- Seals and secures metal fittings

Typical Applications:

- Fire protection industry
- Chemical processing industry
- Petroleum refining industry
- Waste treatment facilities
- Utilities and power generation
- Gas compression and distribution
- Automotive and industrial equipment

Vibra-Tite Thread Sealants

seal and secure metal pipes and fittings, by filling the space between threaded metal parts. Thread sealants prevent leakage caused by tape shredding, vibration loosening, solvent evaporation, and damaged threads. Vibra-Tite products are designed for both low and high pressure applications. Thread sealants seal to the burst strength of most piping systems. Because of the lubricating properties, Vibra-Tite thread sealants make it easy to assemble fittings as well as prevent galling of the threads. For repairs, parts may be disassembled with basic hand tools.



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