



## Pipe Thread Sealants and Repair Kits

Pipe thread sealants are liquid sealants that apply directly to the threads of pipe and pipe fittings to create a seal that prevents loosening and leakage due to vibration. Also called pipe dope and pipe joint compound, they also seal out contaminants to protect the joint from corrosion and lubricate threads for easier assembly. Non-hardening sealants are commonly used in plumbing applications and allow for more ease in disassembly. Anaerobic sealants work with metal pipe and fittings in permanent assemblies that require a tight seal. **Anaerobic pipe thread sealants** provide a low-strength bond on stainless steel pipe and fittings without the need for a primer. They cure anaerobically, in the absence of air, and provide a tighter, longer lasting seal compared to non-hardening pipe sealants. **Non-hardening pipe thread sealants** include PTFE (polytetrafluoroethylene) which provides extra lubrication to ease connecting and disconnecting of pipe and fittings. They do not harden, which helps prevent cracking as the sealant ages and allows easy adjustment and disassembly.



**561 Thread Sealant Stick 3UU53**



**RectorSeal #5 4YRV9**

Series	Container Size	Container Type	Operating Temp. Range	Maximum Operating Pressure for Liquids	Maximum Operating Pressure for Gases	Color	Compatible Materials	Compatible Fluids	Properties	Item No.
<b>Anaerobic Sealants for Hydraulic &amp; Pneumatic Systems</b>										
<b>LOCTITE</b>										
545	1.7 fl oz	Bottle	-65 °F to 300 °F	10,000 psi	—	Purple	Metals	—	Pressure Resistant Bottle	5A237
	8.5 fl oz	Bottle	-65 °F to 300 °F	10,000 psi	—	Purple			Vibration Resistant Bottle	4KM12
569	1.7 fl oz	Bottle	-65 °F to 300 °F	10,000 psi	—	Brown	Steel	—	Vibration Resistant Tube	4KM18
5452	1.7 fl oz	Tube	-65 °F to 300 °F	10,000 psi	—	Purple			Vibration Resistant Tube	6JZW3
	6.9 fl oz	Tube	-65 °F to 300 °F	10,000 psi	—	Purple	Vibration Resistant Tube	6JZW4		
<b>VIBRA-TITE</b>										
440	8.5 fl oz	Bottle	-60 °F to 300 °F	10,000 psi	300 psi	Purple	Metals	Automotive Fluids	Vibration Resistant Bottle	49CH16
<b>Anaerobic Sealants for Refrigeration</b>										
<b>LOCTITE</b>										
554	0.3 fl oz	Bottle	-65 °F to 300 °F	10,000 psi	—	Red	Steel	—	Bottle	1YD23
	8.5 fl oz	Bottle	-65 °F to 300 °F	10,000 psi	—	Red				1YD24
<b>Anaerobic Sealants for Stainless Steel</b>										
<b>LOCTITE</b>										
567	1.7 fl oz	Tube	-65 °F to 450 °F	10,000 psi	300 psi	Off-White	Aluminum, Metals, Steel	Automotive Fluids, Butane, Methane (Natural Gas)	High-Temperature Resistant Tube	49CR86
	8.5 fl oz	Tube	-65 °F to 450 °F	10,000 psi	300 psi	Off-White			High-Temperature Resistant Brush-Top Can	49CR87
	11.8 fl oz	Brush-Top Can	-65 °F to 450 °F	10,000 psi	300 psi	Off-White			High-Temperature Resistant Brush-Top Can	49CR88
<b>VIBRA-TITE</b>										
460	8.5 fl oz	Tube	-65 °F to 400 °F	10,000 psi	300 psi	White	Metals	Air, Automotive Fluids, Water	Pressure Resistant Tube	49CH29
<b>General Purpose Anaerobic Sealants</b>										
<b>LOCTITE</b>										
561	0.7 oz	Stick	-65 °F to 300 °F	10,000 psi	—	White	Metals	—	Non-Drip Stick	3UU53
	1.7 fl oz	Tube	-65 °F to 300 °F	10,000 psi	—	Off-White			Pressure Resistant Tube	4KM15
565	8.5 fl oz	Tube	-65 °F to 300 °F	10,000 psi	—	Off-White	Steel	Automotive Fluids, Butane, Methane (Natural Gas)	Pressure Resistant Tube	4KM16
	33.8 fl oz	Bottle	-65 °F to 300 °F	10,000 psi	—	Off-White			Pressure Resistant Bottle	6KXK4
572	1.7 fl oz	Tube	-65 °F to 300 °F	—	—	Off-White	Metals	—	Pressure Resistant Tube	12Z238
577	1.7 fl oz	Tube	-65 °F to 450 °F	10,000 psi	—	Yellow	Metals, Steel	—	High-Temperature Resistant Tube	49CR90
	8.5 fl oz	Tube	-65 °F to 450 °F	10,000 psi	—	Yellow			High-Temperature Resistant Tube	49CR91
592	1.7 fl oz	Tube	-65 °F to 400 °F	10,000 psi	—	Off-White	Steel	—	Vibration Resistant Tube	4KM24
	8.5 fl oz	Tube	-65 °F to 400 °F	10,000 psi	—	Off-White			Vibration Resistant Tube	4KM25
<b>PERMATEX</b>										
High Performance	1.7 fl oz	Tube	-65 °F to 300 °F	10,000 psi	—	White	—	Automotive Fluids	Tube	2GX5
<b>General Purpose Non-Hardening Sealants</b>										
<b>PERMATEX</b>										
Pipe Joint Compound	16 fl oz	Brush-Top Can	-65 °F to 400 °F	5,000 psi	100 psi	Black	—	—	Non-Corrosive Brush-Top Can	3DPR1
<b>RECTORSEAL</b>										
No. 5	9.6 fl oz	Brush-Top Can	-50 °F to 400 °F	12,000 psi	2,600 psi	Yellow	Aluminum, Brass, Copper, Glass and Fiberglass, Iron, Plastics, Steel	Air, Automotive Fluids, Diesel, Gasoline, Kerosene, Methane (Natural Gas), Propane, Water	Brush-Top Can	4YRV9
No. 7	16 fl oz	Brush-Top Can	-50 °F to 450 °F	Not Rated	Not Rated	Black	Aluminum, Brass, Copper, Iron, Metals, Steel	Air, Alcohol, Automotive Fluids	Vibration Resistant Brush-Top Can	46F524
<b>Non-Hardening Sealants with Lubricating PTFE</b>										
<b>LA-CO</b>										
Pipette-Stik	1.3 oz	Stick	350 °F	2,000 psi	350 psi	White	Metals	Air	Non-Drip Stick	2F892
Slic-Tite	9.6 fl oz	Brush-Top Can	-50 °F to 500 °F	10,000 psi	3,000 psi	White	Metals, Plastics	Air, Methane (Natural Gas), Water	Lubricating Brush-Top Can	2F896
<b>LOCTITE</b>										
5113	16 fl oz	Brush-Top Can	-65 °F to 300 °F	5,000 psi	—	Off-White	Metals	Gasoline	Lubricating Brush-Top Can	16NH11
<b>PERMATEX</b>										
Thread Sealant with PTFE	4 fl oz	Brush-Top Can	-65 °F to 300 °F	—	—	White	—	Air, Automotive Fluids	Lubricating Brush-Top Can	3DPR7
16 fl oz	Brush-Top Can	-65 °F to 300 °F	—	—	White	—	—	Lubricating Brush-Top Can	2GX8	
<b>RECTORSEAL</b>										
T Plus 2	9.6 fl oz	Brush-Top Can	-15 °F to 350 °F	10,000 psi	2,000 psi	White	Aluminum, Brass, Copper, Glass and Fiberglass, Iron, Metals, Plastics, Steel	Air, Gasoline, Kerosene, Methane (Natural Gas), Propane, Water	Non-Flammable Brush-Top Can	4YRW6

\* UL Approved.