

LOCTITE®

ADHESIVES AND SEALANTS GUIDE



TOOLS REDEFINED.

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THREAD TREATMENTS

Henkel offers a full line of thread treatment products to suit the needs of the professional mechanic. Prevent loose fasteners and equipment failure with a few drops of a Loctite® threadlocker; fill the inner voids in press fits with Loctite® bearing mounts; use Loctite® anaerobic pipe or thread sealants to prevent leakage in metal fittings caused by vibration loosening, tape shredding, solvent evaporation and temperature cycling; and seal plastic and metal fittings with Loctite® non-hardening pipe joint compound.



YOU CAN'T LOOSE!

LOCTITE® STICKS

THREADLOCKERS

No Drips. No Spills. No Errors.

Henkel Corporation, the original inventor of anaerobic technology, now offers the same trusted performance in a solid stick formula. These patented stick products offer great flexibility for tough applications, especially overhead, and on components that cannot be moved. They’re compact, making them easy to carry from job to job and easy to store in a toolbox, tool belt or pocket. The solid formula also means they won’t spill or leak in toolboxes or on shop floors.



LOCTITE® THREAD TREATMENT STICKS KIT

One of our most significant innovations – SOLID formula Loctite® Thread Treatment Sticks. Now conveniently packaged in a kit designed to give you all five products in one part number. Upside down, right side up, or any angle in between, these Sticks deliver!

ITEM	CONTAINER SIZE	PACK
MC38725	19–20 g sticks	5 Kits
KIT CONTAINS:		
MC37700	Loctite® Red Stick Threadlocker (19 g)	
MC37614	Loctite® Blue Stick Threadlocker (19 g)	
MC37615	Loctite® Thread Sealant PST® Stick (19 g)	
MC37616	Loctite® Copper Anti-Seize Stick (20 g)	
MC37617	Loctite® Silver Anti-Seize Stick (20 g)	



LOCTITE® THREAD TREATMENT STICKS COUNTER DISPLAY

Order one part number and receive product sampling along with display. The colorful header and product packaging is sure to catch your customers’ attention. An informational tear pad is attached to the header. The high-quality, powder-coated aluminum display can be hung on your pegboard or placed on your counter.

ITEM	CONTAINER SIZE	PACK
MC38251	9–20 g sticks	Kit

CONTAINS DISPLAY AND:

MC37614	Loctite® Blue Stick Threadlocker (19 g), 3 pieces
MC37643	Loctite® Blue Stick Threadlocker (9 g), 5 pieces
MC37700	Loctite® Red Stick Threadlocker (19 g), 3 pieces
MC37701	Loctite® Red Stick Threadlocker (9 g), 5 pieces
MC37615	Loctite® Thread Sealant PST® Stick (19 g), 3 pieces
MC37616	Loctite® Copper Anti-Seize Stick (20 g), 3 pieces
MC37617	Loctite® Silver Anti-Seize Stick (20 g), 3 pieces



LOCTITE® BLUE STICK
THREADLOCKER –
MEDIUM STRENGTH

This medium strength anaerobic threadlocker offers the same locking strength and sealing capabilities as our traditional blue threadlocking liquid, Loctite® Threadlocker 242®. This wax-like stick is conveniently packaged in a self-feeding stick applicator. It is well-suited for difficult repairs, as in overhead applications. It can be applied to a part even if assembly is to take place at a later time, making the stick ideal for volume assembly. Removable with hand tools.

Typical Applications: Valve cover bolts, water pump bolts, oil pan bolts, drive shaft bolts, rocker arm adjustment nuts, carburetor studs.

ITEM	CONTAINER SIZE	PACK
MC37643	9 g	10
MC37614	19 g	6



LOCTITE® RED STICK
THREADLOCKER –
HIGH STRENGTH

With the same convenient packaging as the medium strength Loctite® Blue Stick Threadlocker, this high strength threadlocker is better suited for heavy-duty applications where resistance to heavy shock, vibration and stress levels is required. Localized heating and hand tools are required to separate parts.

Typical Applications: Assembly with air tools, cylinder block bolts, ring gear bolts, transmission shaft bolts.

ITEM	CONTAINER SIZE	PACK
MC37701	9 g	10
MC37700	19 g	6



LOCTITE® THREADLOCKER 222™ –
LOW STRENGTH

Loctite® Threadlocker 222™ is a low strength, purple threadlocker designed for fasteners under ¼" (6 mm) that require occasional adjustment. Removable with hand tools for easy disassembly. Non-corrosive.

Typical Applications: Carburetors, relay locks, headlamps, throttle body assembly, choke assembly and fuel injection set screws, body panel mounting fasteners.

ITEM	CONTAINER SIZE	PACK
MC38653	6 ml tube	12



PERFORMANCE WITH A TWIST!

LOCK AND LOAD!

Invented by Henkel as a revolutionary method to positively lock and seal threaded fasteners, Loctite® threadlocker adhesives are used in a wide range of applications – from delicate fuel injection components to heavy-duty transmission and engine assemblies. Specified by automotive OEMs and approved for use on factory assembly lines, threadlockers work by filling the spaces between threads. The result is a secure, one-piece assembly that will not loosen under stress.

Available in varying strengths and temperatures, threadlockers perform reliably and effectively on fasteners of any type and size, either before or after assembly.



LOCTITE® THREADLOCKER 242® – MEDIUM STRENGTH

Loctite® Threadlocker 242® is an all-purpose, medium strength, blue threadlocker. Ideal for all nut and bolt applications 1/4" to 3/4" (6 mm to 19 mm). Eliminates the need for stocking expensive lock nuts and lock washers. Locks and seals while preventing parts from loosening due to vibration. Protects threads from corrosion. Removable with hand tools for easy disassembly.

Typical Applications: Valve cover bolts, water pump bolts, oil pan bolts, drive shaft bolts, rocker arm adjustment nuts, carburetor studs.

ITEM	CONTAINER SIZE	PACK
MC37418	6 ml tube	12
MC37477	36 ml bottle	6



LOCTITE® THREADLOCKER 262™ – HIGH STRENGTH

Loctite® Threadlocker 262™ is a permanent, high strength, red threadlocker that is applied to fasteners up to 3/4" (19 mm) in size before assembly. Designed for securing parts that must withstand heavy shock, vibration, or extreme chemical or environmental conditions. Localized heating and hand tools are required to separate parts.

Typical Applications: Assembly with air tools, cylinder block bolts, ring gear bolts, transmission shaft bolts.

ITEM	CONTAINER SIZE	PACK
MC37420	6 ml tube	12
MC37478	36 ml bottle	6



LOCTITE® THREADLOCKER 243™ – SURFACE INSENSITIVE

Loctite® Threadlocker 243™ is a general purpose, medium strength, blue threadlocker with improved oil tolerance. For fasteners between 1/4" to 3/4" (6 mm to 19 mm). Parts can be separated using hand tools.

Typical Applications: Rocker studs, rocker adjustment bolts, bolts on valve and cam covers, oil pans, disc brake calipers, intakes and alternators, and pulley assemblies.

ITEM	CONTAINER SIZE	PACK
MC37419	6 ml tube	6



LOCTITE® THREADLOCKER 271™ – HEAVY-DUTY

Loctite® Threadlocker 271™ is a high strength, red threadlocker for heavy-duty applications. Especially well-suited for permanently locking studs and press fits. Adds 3,000 psi holding power on slip and press fit assemblies. Replaces set screws and snap rings. Locks against vibration loosening. Removable with heat and hand tools. For fasteners up to 1" (25 mm) in size.

Typical Applications: Frame brackets, suspension fasteners, shock absorber mounts, wheel studs.

ITEM	CONTAINER SIZE	PACK
MC37421	6 ml tube	12
MC37479	36 ml bottle	6



LOCTITE® THREADLOCKER 277™ – HEAVY-DUTY/LARGE BOLTS

Loctite® Threadlocker 277™ is a high strength adhesive for locking and sealing large bolts and studs 1" (25 mm) or larger in diameter. Heat may be required to weaken bond before parts can be disassembled.

Typical Applications: Frame brackets, suspension fasteners, shock absorber mounts, wheel studs.

ITEM	CONTAINER SIZE	PACK
MC38656	36 ml bottle	6

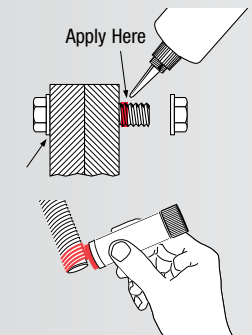


LOCTITE® THREADLOCKER 290™ – PENETRATING

Loctite® Threadlocker 290™ is a low viscosity wicking grade, green, threadlocking liquid that wicks along the threads of pre-assembled fasteners to secure them in place. Since it is applied after assembly, preventive maintenance procedures are simplified. Ideal for fasteners ranging from #2 to 1/2" (2.2 mm to 12 mm) in size. Localized heating and hand tools are needed for disassembly.

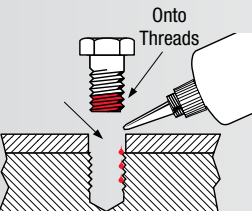
Typical Applications: Bolts on alternators, air conditioning belts and distributor clamps, carburetor adjustment screws, and hairline cracks.

ITEM	CONTAINER SIZE	PACK
MC37423	6 ml tube	12
MC37481	36 ml bottle	6



THROUGH HOLES (BOLTS AND NUTS) LIQUID AND SEMISOLIDS

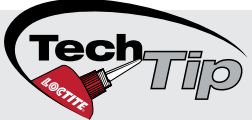
1. Clean all threads (bolt and nut) with a cleaner.
2. If necessary, spray all threads with Loctite® Klean 'N Prime™. Allow to dry.
3. Select the proper strength Loctite® threadlocker.
4. Insert bolt into through-hole assembly.
5. Apply several drops of liquid threadlocker onto bolt at targeted, tightened nut engagement area or, when using the stick product, completely fill the root of the threads at the area of engagement.
6. Assemble and tighten nut as usual.



BLIND HOLES (CAP SCREWS) LIQUID ONLY

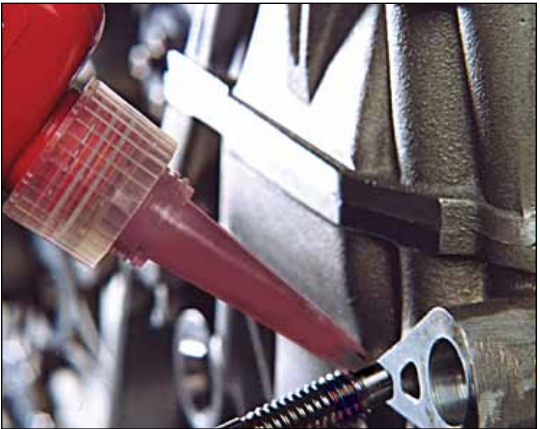
1. Clean all threads (bolt and hole) with a cleaner.
2. If necessary, spray (bolt and hole) with Loctite® Klean 'N Prime™. Allow 30 seconds to dry.
3. Select the proper strength Loctite® threadlocker.
4. Squirt several drops down the sides of the female threads.
5. Apply several drops to bolt.
6. Tighten as usual.

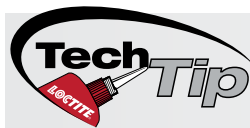
Note: Using Loctite® threadlockers will virtually eliminate stripped threads, in aluminum or magnesium housings, caused by galvanic corrosion.



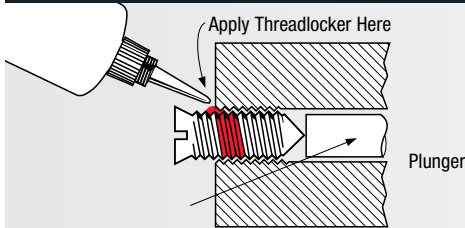
BLIND HOLES (STUDS) LIQUID ONLY

1. Clean all threads (stud and hole) with a cleaner.
2. If necessary, spray all threads with Loctite® Klean 'N Prime™. Allow to dry.
3. Squirt several drops of Loctite® Threadlocker 271™ down the sides of the female threads.
- Note: Use Loctite® Threadlocker 277™ if stud is over 1" diameter.
4. Apply several drops of Loctite® Threadlocker 271™ onto stud threads.
5. Install studs.
6. Position cover, head, etc.
7. Apply drops of Loctite® Threadlocker 242® onto exposed threads.
8. Tighten nuts as required.



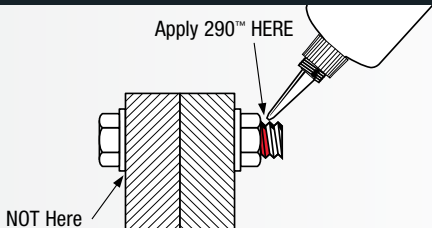


ADJUSTMENT SCREWS



- 1. Adjust screw to proper setting.
 - 2. Apply several drops of Loctite® Threadlocker 290™ at screw and body juncture.
 - 3. Avoid touching bottle tip to metal.
- Note: If readjustment is difficult, apply heat to screw with soldering gun (450 F/232 °C).

PRE-ASSEMBLED FASTENERS LIQUID ONLY



- 1. Clean bolts and nuts with a cleaner.
 - 2. Assemble components.
 - 3. Tighten nuts.
 - 4. Apply several drops of Loctite® Threadlocker 290™ at the nut and bolt juncture.
 - 5. Avoid touching bottle tip to metal.
- Note: For preventive maintenance on existing equipment, RETIGHTEN nuts and apply Loctite® Threadlocker 290™ at the nut and bolt juncture.



LOCTITE® KLEAN 'N PRIME™ — ANAEROBIC ACTIVATOR

A solvent-based primer that features very long on-part life. Use to speed the cure of all Loctite® anaerobic products and ensure proper cure on inactive metals. Ideal for cure conditions below room temperature.

Typical Applications: All nut and bolt applications.

ITEM	CONTAINER SIZE	PACK
MC37509	4.5 oz. aerosol can	6



Visit us on the web for complete access to products, services, technical resources, and data sheets.

LOW STRENGTH



- Removable with hand tools
- Adjustment screws
- Calibration screws
- Meters and gauges
- Up to 1/4" (6 mm) diameters

MEDIUM STRENGTH THREADLOCKERS



- Removable with hand tools
- Machine tools and presses
- Pumps and compressors
- Mounting bolts
- Gear boxes
- Up to 3/4" (19 mm) diameters

HIGH STRENGTH THREADLOCKERS



- Removable with heat and hand tools
- Heavy equipment
- Suspension bolts
- Motor and pump mounts
- Bearing cap bolts and studs
- Up to 1" (25 mm) and larger diameters

WICKING THREADLOCKERS



- Removable with heat and hand tools
- Preassembled fasteners
- Instrumentation screws
- Electrical connectors
- Carburetors
- Up to 1/2" (12 mm) diameters

Properties Chart: Threadlockers

LOCTITE® PRODUCT	Item Number	Container	Typical Use	Color	Viscosity (cP)	Torque in. lbs. (M10 Steel Nuts & Bolts) Break/Prevail	Temp. Range	Cure Speed, Steel @ 25°C	Oil Tolerant	Specific Gravity	Agency Approvals
222™	MC38653	6 ml tube	Low strength up to 1/4" (6 mm) screws	Purple	1,200/ 5,000 Thixotropic	53 / 30	-65°F - 300°F (-54°C - 149°C)	Fixture 10 min. — Full Cure 24 hrs.	•	1.05	•
242°	MC37418 MC37477	6 ml tube 36 ml bottle	Removable grade up to 1/4" to 3/4" (6 mm to 19 mm) bolts	Blue	1,200/ 5,000 Thixotropic	110 / 43	-65°F - 300°F (-54°C - 149°C)	Fixture 10 min. — Full Cure 24 hrs.	•	1.07	Mil-Spec (S-46163A) Type II, Grade N, CFIA
243™	MC37419	6 ml tube	1/4" to 3/4" (6 mm to 19 mm) bolts with light oil contamination	Blue	2,250/ 12,000 Thixotropic	180 / 62	-65°F - 300°F (-54°C - 149°C)	Fixture 5 min. — Full Cure 24 hrs.	Yes	1.08	Agriculture Canada approved
262™	MC37420 MC37478	6 ml tube 36 ml bottle	High strength locking up to 3/4" (19 mm) bolts	Red	1,800/ 5,000 Thixotropic	189 / 275	-65°F - 300°F (-54°C - 149°C)	Fixture 5 min. — Full Cure 24 hrs.	•	1.05	Mil-Spec (S-46163A) Type II, Grade O, Agriculture Canada approved
271™	MC37421 MC37479	6 ml tube 36 ml bottle	High strength for fasteners up to 1" (25 mm) diameter	Red	500	250 / 275	-65°F - 300°F (-54°C - 149°C)	Fixture 10 min. — Full Cure 24 hrs.	•	1.10	Mil-Spec (S-46163A) Type I, Grade K, UL® classified, CFIA
277™	MC38656	36 ml bottle	High strength for large bolts	Red	7,000	275 / 275	-65°F - 300°F (-54°C - 149°C)	Fixture 60 min. — Full Cure 24 hrs.	•	1.12	Mil-Spec (S-46163A) Type I, Grade L
290™	MC37423 MC37481	6 ml tube 36 ml bottle	Wicking grade for pre-assembled parts	Green	12	85 / 250	-65°F - 300°F (-54°C - 149°C)	Fixture 6 min. — Full Cure 24 hrs.	•	1.08	Mil-Spec (S-46163A) Type III, Grade R, CFIA
Blue Stick Threadlocker	MC37614 MC37643	19 g stick 9 g stick	Removable grade up to 1/4" to 3/4" (6 mm to 19 mm) bolts	Blue	Semisolid	110 / 43	-65°F - 300°F (-54°C - 149°C)	Fixture 10 min. (3 min. w/ primer) — Full Cure 24 hrs.	•	1.10	CFIA
Red Stick Threadlocker	MC37700 MC37701	19 g stick 9 g stick	High strength locking up to 3/4" (19 mm) bolts	Red	Semisolid	202 / 34	-65°F - 300°F (-54°C - 149°C)	Fixture 20 min. (5 min. w/ primer) — Full Cure 24 hrs.	•	1.06	CFIA



WHEN SHOULD I USE A PRIMER?

Use a primer when both surfaces are considered inactive. It is necessary to apply the primer to one surface, in most cases, unless gaps are excessive. See chart below.

ACTIVE METALS			
Iron	Plain Steel	Kovar®	Commercial Aluminum
Brass	Copper	Monel®	(with copper content, e.g., 6061)
Bronze	Manganese	Nickel	
INACTIVE METALS			
Plated Parts	Pure Aluminum	Plastics	Magnetite Steel
Titanium	Cadmium	Stainless Steel	Magnesium
Inconel	Galvanized Steel	Gold and Silver	Zinc
Natural or Chemical Black Oxide		Anodized Aluminum (Alodine, Irridite)	

THREAD SEALANTS



LOCTITE® THREAD SEALANT PST® STICK – HIGH PERFORMANCE

The Loctite® Thread Sealant PST® Stick is a single-component, semisolid anaerobic pipe sealant compound. The self-feeding applicator stick facilitates application of the material where a conventional liquid or paste would be difficult to use. Loctite® Thread Sealant PST® Stick cures rapidly to provide immediate low pressure sealing. The controlled lubricity prevents galling and protects mated threaded areas from rust and corrosion, and eases disassembly. Recommended for sealing metal tapered pipe threads and fittings in automotive applications.

Typical Applications: Stainless steel fittings, oil and coolant lines, fuel fittings, rear axle fill plug, intake manifold switches, head bolts into through holes, oil psi-sending units and sensors.

ITEM	CONTAINER SIZE	PACK
MC37615	19 g stick	6



LOCTITE® PST® 565™ THREAD SEALANT – HIGH PERFORMANCE

This controlled strength sealant is formulated specifically for metal, tapered pipe thread fittings. Loctite® PST® 565™ Thread Sealant replaces most tapes and pipe dopes. Cures rapidly to withstand 10,000 psi. Perfect as a replacement for pre-coated parts. Prevents galling and protects mated threaded areas from rust and corrosion.

Typical Applications: Stainless steel fittings, head bolts into through holes, oil psi-sending units/sensors, oil and coolant lines, intake manifold switches, rear axle fill plug, fuel fittings.

ITEM	CONTAINER SIZE	PACK
MC37396	50 ml tube	6



LOCTITE® THREAD SEALANT 545™ – PNEUMATIC/HYDRAULIC

Loctite® Thread Sealant 545™ is designed for locking and sealing high-pressure pneumatic and hydraulic systems. The pneumatic/hydraulic sealant contains no fillers or particles that could contaminate system fluids, foul valves, or clog fine filters and screens. Reliably cures on “as received” fasteners. Controlled locking strength allows easy disassembly.

Typical Applications: Hydraulic line fittings, brake fittings, transmission fluid fittings, PTO fittings.

ITEM	CONTAINER SIZE	PACK
MC37482	36 ml bottle	6



LOCTITE® PST® 592™ THREAD SEALANT – HIGH TEMPERATURE

Loctite® PST® 592™ Thread Sealant locks and seals threaded fittings. Resists leakage, vibration loosening, moisture, hydraulic fluids, and diesel fuels. Lubricates threads for easy assembly and disassembly. Won't shred or wear like tape. Parts may be repositioned up to 24 hours application. Works up to 400°F (204°C).

Typical Applications: Head bolts into through holes, oil psi-sending units and sensors, oil and coolant lines, fuel fittings, rear axle fill plug, brake and power steering fittings.

ITEM	CONTAINER SIZE	PACK
MC37398	6 ml tube	12
MC37397	50 ml tube	6

IF IT ISN'T
RED,
IT ISN'T LOCTITE.®



We've built our reputation on this red bottle and so can you. Since 1953, the Loctite® brand has led the industry in threadlocking and retaining solutions. Our commitment to excellence hasn't changed nor has the unique **RED BOTTLE.**

Choose the original, choose the **LOCTITE® BRAND.**

LEAKS DON'T STAND A CHANCE!

LOCTITE®

THERE IS NO SECOND CHOICE.



THREAD SEALANTS

Loctite® thread sealants seal and secure metal pipes and fittings, filling the space between threaded metal parts. Thread sealants harden to prevent leakage caused by vibration loosening, tape shredding, solvent evaporation, damaged threads and temperature cycling. Designed for low and high pressure applications, thread sealants seal instantly for on-line low pressure testing. When fully cured, they seal to the burst strength of most piping systems.



LOCTITE® THREAD SEALANT WITH PTFE – FITTING SEALANT

This economical, general-purpose fitting sealant outperforms tapes and pipe dopes. Seals and resists pressure in air, oil, and diesel fuel. Remains pliable at high and low temperatures. Temperature range: -65°F to 300°F (-54°C to 149°C); resists common shop fluids.

Typical Applications: Air conditioning fittings, temperature sending fittings, hydraulic fittings.

ITEM	CONTAINER SIZE	PACK
MC37546	16 oz. brushtop can	12



LOCTITE® HEAD BOLT & WATER JACKET SEALANT

Loctite® Head Bolt & Water Jacket Sealant is a single-component anaerobic hybrid that lubricates fasteners during assembly, as well as seals the gaps between the threads. It eliminates corrosion, which can cause difficulties if future disassembly is required. The Head Bolt & Water Jacket Sealant locks the bolts in order to prevent premature loosening and, should the assembly need to be taken apart in the future, acts as a lubricant to ease the removal of fasteners that are through holes into water jackets.

Typical Applications: Headbolts, water pump bolts, thermostat housings, intake manifold bolts, temperature sensors.

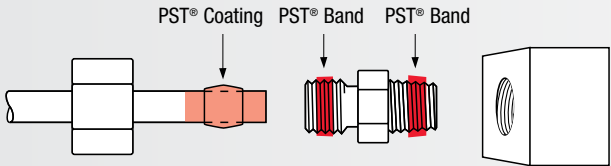
ITEM	CONTAINER SIZE	PACK
MC1158514	50 ml tube	6

Properties Chart: Thread Sealants

LOCTITE® PRODUCT	Item Number	Container	Typical Use	Color	Viscosity (cP)	Seal to Operating Pressure	Specific Gravity	Agency Approvals
Thread Sealant PST® Stick	MC37615	19 g stick	General purpose	White	Semisolid paste	Seals operating pressures to 10,000 psi	•	UL Classified for U.S., ULC Classified for Canada, CSA International, CFIA, NSF/ANSI 61
545™	MC37482	36 ml bottle	Pneumatic/hydraulic sealant, contains no fillers	Purple	14,000	Seals operating pressures to 10,000 psi	1.02	Agriculture Canada approved ABS
PST® 565™	MC37396	50 ml tube	Controlled strength	White	300,000	Seals operating pressures to 10,000 psi	1.10	CSA 3319-81, 3319-01 UL MH8007 (N) ULC-Canada approved Agriculture Canada approved
PST® 592™	MC37398 MC37397	6 ml tube 50 ml tube	Medium strength	White	350,000	Seals operating pressures to 10,000 psi	1.21	UL MH8007 (N) ULC-Canada approved Agriculture Canada approved
Head Bolt & Water Jacket Sealant	MC1158514	50 ml tube	General purpose fastener during assembly	Black	Paste	Seals operating pressures to 10,000 psi	N/A	N/A
Thread Sealant with PTFE	MC37546	16 oz. brushtop can	General purpose, added lubricity	White	Paste	10,000 to 50,000 psi	•	•

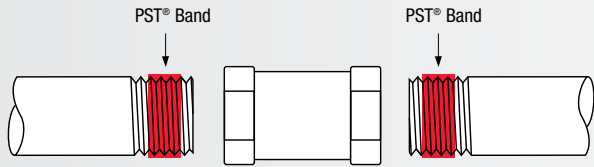


COMPRESSION FITTINGS



- Slide fitting nut and ferrule back approximately 3/4" from end of tubing.
 - If necessary, spray the entire assembly with Loctite® Klean 'N Prime™. Allow to dry.
 - Note: Primer is not required for brass parts.
 - Apply a thin coating of Loctite® PST® Thread Sealant to tubing where ferrule will be located.
 - Slide ferrule forward over Loctite® PST® Thread Sealant coated tubing, then apply a thin bead of Loctite® PST® Thread Sealant coating to ferrule.
 - Slide ferrule forward over Loctite® PST® Thread Sealant coated tubing.
 - Apply a small band of Loctite® PST® Thread Sealant to male threads.
 - Assemble and tighten normally.
- Note: Do not use on plastic fittings or tubing.

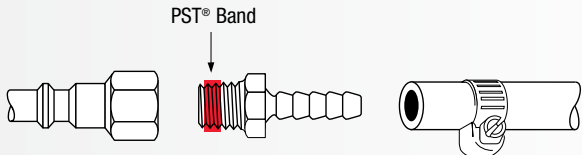
STANDARD FITTINGS – PIPES, HYDRAULIC, OR AIR



- Clean parts of contamination. If necessary, spray Loctite® Klean 'N Prime™ onto threaded parts (male and female). Allow to dry.
 - Note: Primer is not required for brass parts.
 - Apply a band of Loctite® PST® 592™ or 565™ Thread Sealant to male threads starting one or two threads from end of pipe.
 - Assemble parts snugly. Do not overtighten.
 - If initial pressure exceeds 1,000 psi*, wait 30 minutes before pressurizing.
- Note:
- For stainless steel components, use Loctite® PST® 565™ Thread Sealant.
 - For general purpose thread sealing, use Loctite® PST® 565™ Thread Sealant or Loctite® PST® Pipe Sealant Stick.
 - For fine filtration systems requiring zero contamination, use Loctite® Thread Sealant 545™ for hydraulic/pneumatic fittings.
 - Do not use on oxygen or strong oxidizers (chlorine).
 - For applications requiring temperature range above 300°F/149°C (no higher than 400°F/204°C), use Loctite® PST® Thread Sealant.

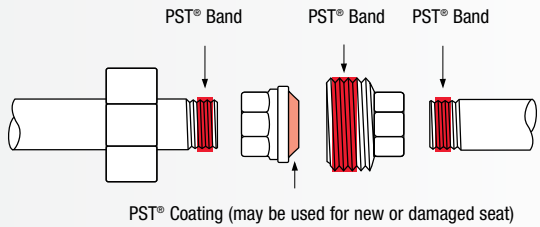
*Depending on conditions.

HOSE ENDS – AIR & HYDRAULIC



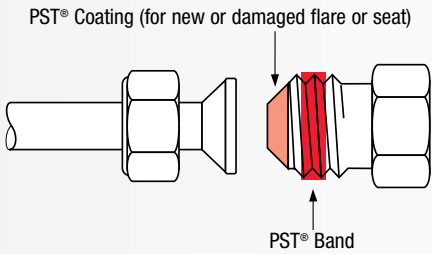
- If necessary, spray adapter threads with Loctite® Klean 'N Prime™. Allow to dry.
 - Insert barbed hose stem into hose I.D. with slight twisting motion.
 - Install appropriate hose clamp.
 - Apply a band of Loctite® PST® Thread Sealant to male hose stem threads upon installation or adding accessory device. Tighten snugly.
- Note: Loctite® PST® Thread Sealant may attack synthetic rubber tubing.

PIPE UNIONS



- Disassemble and, if necessary, spray all components with Loctite® Klean 'N Prime™. Allow to dry.
- Apply a thin coating of Loctite® PST® Thread Sealant to union face.
- Apply a band of Loctite® PST® Thread Sealant to male threads.
- Assemble parts snugly.

FLARED/SWAGED FITTINGS



- Disassemble and, if necessary, spray all components with Loctite® Klean 'N Prime™. Allow to dry.
- Apply a thin coating of Loctite® PST® Thread Sealant to fitting face.
- Apply a band of Loctite® PST® Thread Sealant to male threads.
- Assemble parts snugly.

BEARING MOUNTS

Use Loctite® bearing mounts to bond non-threaded, cylindrical metal assemblies. Fill the inner voids in close-fitting press fits, lock keyways and secure splines. Prevent wear and secure new parts, or restore fit to worn parts. Seal joints to stop leakage and prevent fretting and corrosion. Mount bearings and bushings, and make press fits and interference fits even stronger.

Formulated in a selection of viscosity, gap-filling ability, flexibility and strength characteristics, Loctite® bearing mounts can be used on all of your tough retaining applications.



RETAIN, MAINTAIN & STRENGTHEN!



BEARING MOUNTS



LOCTITE® BEARING MOUNT 620™ – HIGH TEMPERATURE

A high temperature (450°F/232°C), high viscosity liquid retaining compound. Provides a shear strength of over 3,800 psi on steel. Locks and secures metal cylindrical assemblies up to 0.015" (0.381 mm) diameter clearance. Prevents metal fretting and corrosion. Seals against leakage.

Typical Applications: Axle bearings, water and power steering pump pullies.

ITEM	CONTAINER SIZE	PACK
MC38652	36 ml bottle	6



LOCTITE® RETAINING COMPOUND 609™ – PRESS FIT/GENERAL PURPOSE

Loctite® Retaining Compound 609™ is a press fit/general purpose, low viscosity, rapid-curing anaerobic adhesive that augments the strength of press fit assemblies up to 0.005" (.127 mm) in diameter. Adds up to 3,000 psi holding power.

Typical Applications: Bushings, bearings, oil seals, ring gear bolts, differential lock pins.

ITEM	CONTAINER SIZE	PACK
MC60931	50 ml bottle	10



LOCTITE® BEARING MOUNT 680™ – RELAXED FITS

High strength, medium viscosity anaerobic adhesive for slip fit assemblies. Fixtures in 10 minutes at room temperature.

Typical Applications: Replaces set screws, clamp rings, snap rings, wheel bearings, idler shaft, fit bearings.

ITEM	CONTAINER SIZE	PACK
MC37485	36 ml bottle	6



LOCTITE® PRESS FIT REPAIR 660™ – FOR WORN PARTS

Loctite® Press Fit Repair 660™ is a creamy, non-running adhesive used to repair fit between parts. Also used to repair large gaps to 0.020" (.508 mm) in diameter and severely worn parts. Very rapid cure.

Typical Applications: Refitting worn shafts, housings, coupling and form-in-place shims, repairing worn keyways, loose set screws and other severely worn parts.

ITEM	CONTAINER SIZE	PACK
MC38651	50 ml tube	6



LOCTITE® BEARING MOUNT STICK – HIGH TEMPERATURE

A revolutionary method to bond non-threaded, cylindrical metal assemblies, this unique wax-like stick works just like Loctite® Bearing Mount liquids to secure parts, seal joints and prevent corrosion. Replaces clamp rings, set screws and snap rings.

Typical Applications: Bushings, bearings, oil seals, ring gear bolts, differential lock pins, axle bearings, water and power steering pump pullies.

ITEM	CONTAINER SIZE	PACK
MC39150	9 g stick	10

Properties Chart: Bearing Mounts

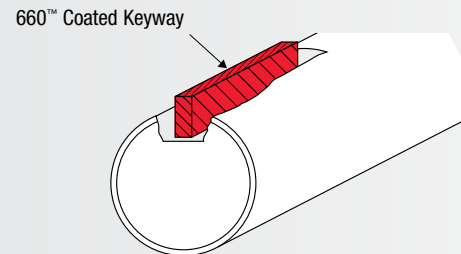
LOCTITE® PRODUCT	Part Number	Container	Typical Use	Color	Maximum Gap Fill (Diametrical)	Viscosity (cP)	Shear Strength Steel/Steel (psi)*	Temperature Range	Cure Speed, Steel @ 25°C	Specific Gravity	Agency Approvals
609™	MC60931	50 ml bottle	1 st generation to augment press fits	Green	0.005" (0.127 mm)	125	2,300 (minimum)	-65°F – 300°F (-54°C – 149°C)	Fixture 10 min. — Full Cure 24 hrs.	1.10	Mil-Spec (R-46082B) Type I
620™	MC38652	36 ml bottle	High temperature and high strength	Green	0.015" (0.381 mm)	8,500	3,800	-65°F – 450°F (-54°C – 232°C)	Fixture 30 min. — Full Cure 24 hrs.	1.16	Agriculture Canada approved ABS
660™	MC38651	50 ml tube	For repair of worn machinery parts	Silver	0.020" (0.508 mm)	250,000/1,500,000 Thixotropic	3,335	-65°F – 300°F (-54°C – 149°C)	Fixture 20 min. — Full Cure 24 hrs.	1.13	Agriculture Canada approved
680™	MC37485	36 ml bottle	High strength for slip fitted parts	Green	0.015" (0.381 mm)	1,250	2,800 (minimum)	-65°F – 300°F (-54°C – 149°C)	Fixture 10 min. — Full Cure 24 hrs.	1.11	ABS
Bearing Mount Stick	MC39150	9 g stick	General purpose, high temperature	Green	0.005" (0.127 mm)	Semisolid	3,800	-65°F – 400°F (-54°C – 204°C)	Fixture 30 min. — Full Cure 24 hrs.	1.1228	•

* Varies with substrates.

BEARING MOUNTS



REPAIRING BADLY WALLOVED KEYWAY

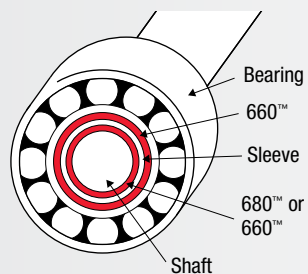


1. Clean all parts with a cleaner.
2. If necessary, spray all parts with Loctite® Klean 'N Prime™'. Allow to dry.
3. Apply a coating of Loctite® Press Fit Repair 660™ into keyway.
4. Assemble as required, using Loctite® Press Fit Repair 660™.
5. Allow 30-60 minutes of cure time.

Note:

- Loctite® Press Fit Repair 660™ is NOT recommended for lateral gaps exceeding 0.010".
- Higher strengths are obtained by NOT using Loctite® Klean 'N Prime™ with small (0.002"-0.004") gaps and allowing a longer cure time (4-24 hours).

REPAIRING BADLY WORN SHAFT

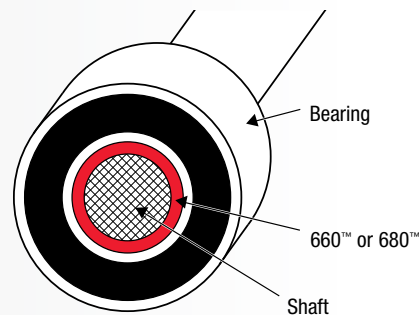


1. Determine a minimum radial gap.
2. Select and trim appropriate sleeve to allow component slip fit.
3. Roughen sleeve O.D. with emery cloth.
4. Clean all parts with a cleaner.
5. Apply a coating of Loctite® Bearing Mount 680™ or Loctite® Press Fit Repair 660™ around the shaft.
6. Install sleeve.
7. Apply a coating of Loctite® Press Fit Repair 660™ to sleeve O.D.
8. Install component as required onto sleeved shaft.
9. Allow 30-60 minutes of cure time.

Note:

- Loctite® Press Fit Repair 660™ is NOT recommended for radial gaps exceeding 0.010".
- Higher strengths are obtained by NOT using Loctite® Klean 'N Prime™ with small (0.002"-0.004") gaps and by allowing a longer cure time (4-24 hours).

SLIP FIT – LIGHT/HEAVY DUTY



ORIGINAL

1. Machine shaft to 0.002" radial slip fit with 50-80 rms finish (second cut).
2. Clean all parts with a cleaner.
3. Spray all parts (I.D. and O.D.) with Loctite® Klean 'N Prime™'. Do NOT use primer for heavy-duty applications.
4. Apply a coating of Loctite® Press Fit Repair 660™ around shaft and engagement area.
5. Assemble parts with rotating motion.
6. Wipe off excess.
7. Allow 2 hours prior to service.

WORN SHAFT

Follow directions above except:

1. Determine radial gap.
2. If radial gap exceeds 0.005", Loctite® Klean 'N Prime™ must be used.
3. Take steps to maintain concentricity with large gaps.
4. Larger gaps require longer cure times (30-60 minutes).
5. Loctite® Press Fit Repair 660™ is NOT recommended for radial gaps exceeding 0.010".
6. See procedure for BADLY WORN SHAFT on page 18 (at left).

Note: Loctite® Press Fit Repair 660™ is very fast fixturing (30 seconds or less) with Loctite® Klean 'N Prime™.

MAXIMUM STRENGTH

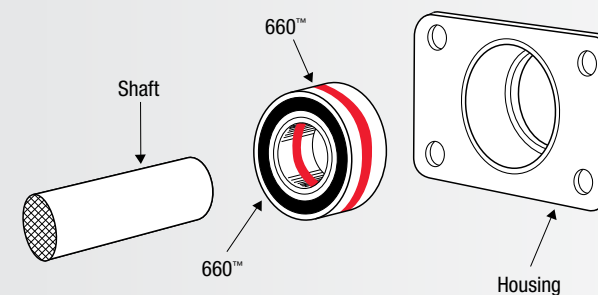
1. Same as above, except use Loctite® Bearing Mount 680™ with Loctite® Klean 'N Prime™ or no primer.
2. Allow 4-24 hours to cure.

MAXIMUM TEMPERATURE (400°F/204°C CONTINUOUS)

1. Same as above, except use Loctite® Bearing Mount 620™ or 640™ with Loctite® Klean 'N Prime™.



SLIP FIT



ORIGINAL

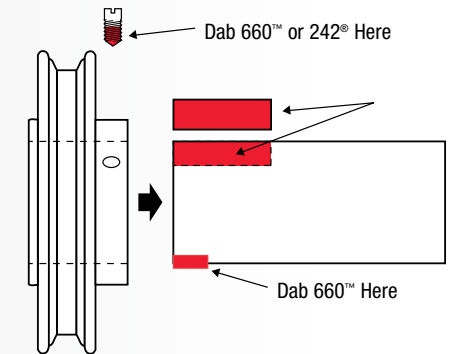
1. Select component to fit shaft.
2. Machine to reduce component O.D. or increase housing I.D. to permit approximate 0.002"-0.004" diametral slip fit.
3. Clean all parts with a cleaner and spray with Loctite® Klean 'N Prime™.
4. Apply Loctite® Press Fit Repair 660™ to component O.D.
5. Install component. Do not rotate.
6. Wipe off excess.
7. Allow 5 minutes prior to service.

WORN

Procedures identical to original slip fit, except:

1. Determine the maximum radial gap.
2. If the maximum gap exceeds 0.005", Loctite® Klean 'N Prime™ must be used.
3. Take steps to maintain concentricity on large gaps.
4. Large gaps require longer cure times (30-60 minutes).
5. Loctite® Press Fit Repair 660™ is NOT recommended for radial gaps exceeding 0.010".

STANDARD DUTY



ASSEMBLY

1. Clean all parts with a cleaner.
2. If necessary, spray all parts (I.D. and O.D.) with Loctite® Klean 'N Prime™.
3. Apply Loctite® Press Fit Repair 660™ coating into keyway and on key.
4. Apply dab(s) of Loctite® Press Fit Repair 660™ onto shaft opposite keyway or evenly spaced around shaft.
5. Assemble parts. Wipe off excess.
6. Apply a dab of Loctite® Press Fit Repair 660™ to set screw.
7. Tighten set screw.
8. Allow 5-10 minutes prior to service.

Note:

- Loctite® Press Fit Repair 660™ is NOT recommended for radial gaps exceeding 0.010" on shaft or keyway.
- See REPAIRING BADLY WALLOVED KEYWAY on page 18 for procedure.

DISASSEMBLY

1. Tap component and key with hammer.
2. Pull as usual.

ADHESIVES

Loctite® products offer a range of quality liquids, pastes, aerosols, putties and gels, each specifically designed to meet any number of automotive applications. From bonding auto trim, to sealing weatherstripping, to repairing broken grilles, there's a Loctite® adhesive or sealant for all of your repair needs.



DON'T COME UNGLUED!



ADHESIVES



LOCTITE® QUICK SET™ AUTO EPOXY – ADHESIVE

Fast curing, non-shrinking, colorless epoxy in convenient, two-part dispensing syringe. Bonds most rigid materials. Resists most solvents. Versatile and shock resistant.

Typical Applications: Auto trim, ornaments, tools, emblems, knobs.

ITEM	CONTAINER SIZE	PACK
MC1162400	1 fl. oz. kit	12
(formerly 37514)		



LOCTITE® QUICKTITE® SUPER GLUE GEL – INSTANT ADHESIVE

With the same superior performance as the liquid version, the no-run gel formula stays put for no-mess and precise application, even on vertical surfaces. The gel formula works on porous and non-porous materials.

Typical Applications: Metal, most plastics, rubber, vinyl, paper, wood, textiles, ceramics, china and cork.

ITEM	CONTAINER SIZE	PACK
MC39123	4 g applicator	6



LOCTITE® SUPER GLUE – INSTANT ADHESIVE

Super strong, super fast adhesive bonds materials in seconds, including rubber, metal, plastic, glass and vinyl. Makes repairs to almost all non-porous surfaces.

Typical Applications: Metal, laminated plastics, rubber, ceramics, china.

ITEM	CONTAINER SIZE	PACK
MC37425	2 g tube	12
MC37538	1 oz. bottle	6



LOCTITE® EPOXY MIXER CUPS – FAST CURE

Convenient pre-measured epoxy mixer cups. No mess, no guess, no waste. Ideal for bonding glass, hard plastics, rubber, and metal. Bonds in 5 to 15 minutes. Grey adhesive has excellent chemical resistance. Fills porosities and can be used to build up worn parts.

Typical Applications: Loose trim, broken grilles, loose door glass channels, casting cracks and holes.

ITEM	CONTAINER SIZE	PACK
MC37513	10–0.12 oz. cups	10
MC39089	4–0.12 oz. cups	6



LOCTITE® RTV BLACK SILICONE – ADHESIVE/SEALANT

General-purpose, black RTV indoor/outdoor sealant. Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl, weatherstripping and vinyl tops. Protects and repairs electrical wiring. May be applied to horizontal or vertical surfaces. Waterproof and flexible. Temperature range: -80°F to 450°F (-62°C to 232°C); resists oil, water, weather, vibration, grease.

Typical Applications: Windshields, door frames, electrical connections, seams and roofs, vinyl tops, weatherstripping.

ITEM	CONTAINER SIZE	PACK
MC37460	80 ml tube	12
MC37523	300 ml cartridge	10



LOCTITE® RTV CLEAR SILICONE – ADHESIVE/SEALANT

General-purpose, clear RTV indoor/outdoor sealant. Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl, weatherstripping, and vinyl tops. Protects and repairs electrical wiring. May be applied to horizontal or vertical surfaces. Waterproof and flexible. Temperature range: -80°F to 450°F (-62°C to 232°C); resists oil, water, weather, vibration, grease.

Typical Applications: Windshields, door frames, electrical connections, vinyl tops, seams and roofs.

Item	Container Size	Pack
MC37463	80 ml tube	12
MC40481	190 ml power can aerosol	6
MC37521	300 ml cartridge	10



LOCTITE® LOCWELD™ BONDING COMPOUND – COLD WELD

A 15-minute, two-part adhesive and filler system that eliminates the need for welding or brazing. Once cured, it can be drilled, sanded, painted or filed. Resists most automotive, shop and cleaning fluids. Withstands temperatures to 300°F (149°C) intermittent. Over 3,000 psi shear strength on steel.

Typical Applications: Aluminum, steel, brass, bronze, castings and stampings.

ITEM	CONTAINER SIZE	PACK
MC37531	2 pk. – 1 oz. tubes	12



LOCTITE® BLACK WEATHERSTRIP ADHESIVE – FAST DRYING

A professional, black weatherstrip adhesive that blends with automotive weatherstripping for less cleanup. Withstands temperature extremes. Resistant to gasoline, kerosene, antifreeze, and most solvents. Permanently bonds automotive weatherstripping. Bonds automotive gaskets. A superior adhesive for bonding a variety of common materials.

Typical Applications: Cut gaskets, auto or van carpeting, door and trunk moldings, vinyl tops, fabric-backed vinyl upholstery, headliners.

ITEM	CONTAINER SIZE	PACK
MC37532	5 fl. oz. tube	12



LOCTITE® 380™ BLACK MAX® INSTANT ADHESIVE

The original elastomer-modified instant adhesive. Excellent peel, impact and shear strength. Low viscosity, black, rubber toughened, one part bonder.

Typical Applications: Close fitting parts and designed for bonding metal, rubber and selected plastics.

ITEM	CONTAINER SIZE	PACK
MC38050	1 oz. bottle	10



LOCTITE® PLASTIC BONDER

Loctite® Plastic Bonder is an off-white, two-component acrylic that bonds well to most plastics, including PVC, polycarbonate, ABS and FRP. Requires no surface preparation. Excellent gap filling for use on larger parts. Sets in 25 minutes.

Typical Applications: Bonds most plastics.

ITEM	CONTAINER SIZE	PACK
MC1232049	25 ml syringe	6



LOCTITE® MAXIMUM STRENGTH HEADLINER ADHESIVE

Loctite® Maximum Strength Headliner Adhesive is a high-strength product designed for repairing interior parts that have loosened. It bonds foam, fabrics, carpets, plastics, rubbers and other automotive materials. Resistant to extreme weather conditions. Water-resistant. Dries clear.

Typical Applications: Headliners, carpets, truck linings and inside door panels.

ITEM	CONTAINER SIZE	PACK
MC37312	16.75 oz. aerosol can	6



LOCTITE® FIXMASTER® STEEL PUTTY

Non-slumping, two-part, steel-filled putty. Ideally suited for rebuilding steel surfaces. Can be machined when cured. Sets in 30 minutes.

Typical Applications: Repairing pipes, tanks and engine blocks.

ITEM	CONTAINER SIZE	PACK
MC99913	1 lb. kit	6

GASKETING

Loctite® gasketing products offer precise, reliable sealing. These gasketing materials include products with excellent fluid resistance and formulations for high operating temperatures, high torque retention and sensor-safe characteristics. A leader in form-in-place gasket makers, gasket dressings and general-purpose sealants, Henkel offers a choice of Loctite® anaerobic, RTV silicone or solvent-based products to meet a broad range of complex automotive gasketing and sealing needs.



ANY GASKET...ANY SHAPE... ANY TIME!



GASKETING



LOCTITE® RTV 587™ BLUE SILICONE GASKET MAKER – HIGH PERFORMANCE

Forms tough, flexible gaskets directly on the flange. Sensor-safe, low odor, non-corrosive. Excellent oil resistance and joint movement values. Eight times more flexible than cork/composite gaskets; three times more oil-resistant than conventional silicones. Temperature range: -75°F to 500°F (-59°C to 260°C) intermittent; resists auto and shop fluids.

Typical Applications: Valve covers, oil pans, timing covers, transmission pans, differential covers.

ITEM	CONTAINER SIZE	PACK
MC37465	80 ml tube	12
MC40462	190 power can aerosol	6



LOCTITE® RTV 598™ BLACK SILICONE GASKET MAKER – HIGH PERFORMANCE

For dealership warranty requirements, ensures extended drivetrain warranty compliance. Fast-curing formula. Sensor-safe, low odor, non-corrosive. Meets performance specs of OE silicone gaskets. Retains high flexibility, oil resistance properties. Temperature range: -75°F to 625°F (-59°C to 329°C) intermittent; resists auto and shop fluids and vibration.

Typical Applications: Valve covers, oil pans, intake manifold end seals, timing covers, transmission pans.

ITEM	CONTAINER SIZE	PACK
MC37467	80 ml tube	12
MC40463	190 ml power can aerosol	6
MC37519	8.75 oz. pressurized can	6
MC37518	300 ml cartridge	10



LOCTITE® RTV 5699™ GREY SILICONE GASKET MAKER – HIGH PERFORMANCE

Designed for high torque applications. Exceeds manufacturers' performance requirements. Remains flexible and withstands high vibration. Low odor. Non-corrosive. Outstanding oil resistance. Temperature range: -75°F to 625°F (-59°C to 329°F) intermittent; resists auto and shop fluids.

Typical Applications: Valve covers, oil pans, intake manifold end seals, timing covers, water pumps, thermostat housings.

ITEM	CONTAINER SIZE	PACK
MC37464	80 ml tube	12
MC40505	190 ml power can aerosol	6



LOCTITE® RTV 5920™ COPPER SILICONE GASKET MAKER – HIGH PERFORMANCE

Premium silicone for 4-cylinder, turbocharged or high-performance engines. Sensor-safe, low odor, non-corrosive, low volatility, non-conductive. Superior adhesion and oil resistance. Temperature range: -75°F to 700°F (-59°C to 371°C) intermittent; resists auto and shop fluids and vibration.

Typical Applications: Valve covers, oil pans, timing covers, water pumps and thermostat housings.

ITEM	CONTAINER SIZE	PACK
MC37466	80 ml tube	12



LOCTITE® 510™ GASKET ELIMINATOR® FLANGE SEALANT – HI TEMP

Product withstands temperatures to 400°F (204°C) and has excellent solvent and chemical resistance. Fills gaps up to 0.010" (0.254 mm) and maintains clamping loads for strong, leakproof assemblies. Makes or dresses gaskets in rigid assemblies. Eliminates gasket compression set.

Typical Applications: High temperature applications.

Item	Container Size
MC51031	50 ml tube



LOCTITE® RTV RED SILICONE GASKET MAKER – SENSOR SAFE/HI TEMP

Formulated for oxygen sensor-equipped engines. Temperature range: -75°F to 600°F (-59°C to 316°C) intermittent; resists auto and shop fluids, aging and thermal cycling without shrinking, cracking or hardening. Will not foul oxygen sensors when fully cured.

Typical Applications: Valve covers, oil pans, timing covers, water pumps, thermostat housings, transmission pans.

ITEM	CONTAINER SIZE	PACK
MC37469	80 ml tube	12
MC40465	190 ml power can aerosol	6



LOCTITE® READY GASKET – GASKET MAKER

Makes high performance, leak-proof gaskets in one minute. This elastomeric rubber gasket technology is blowout resistant, sensor safe and outperforms pre-cut gaskets. Equipment can be returned to service immediately. Specified on production lines by GM, Ford and Chrysler. Temperature range: -75°F to 450°F (-60°C to 232°C) continuous, 500°F (260°C) intermittent; resists ATF, coolant, oil and other shop fluids. Protects against leaks caused by vibration and thermal expansion.

Typical Applications: Automotive and marine gaskets, valve covers, gearbox covers, pumps, compressors, oil pans, thermostat housings, water pumps.

ITEM	CONTAINER SIZE	PACK
MC40480	190 ml power can aerosol	6



GASKETING



LOCTITE® GASKET MAKER 515™ – ANAEROBIC

Flexible gasketing material for use on rigid machined flanges with less than 0.015" (0.381 mm) gap. OEM approved – use where OEs specify 515™ or “anaerobic” gasket (cures in absence of air). Eliminates preformed, pre-cut, paper, rubber and cork gaskets. Flexes with flanges that move in service. See properties chart on page 31.

Typical Applications: Water pumps, thermostat housings, transmission pans, transmission case covers, transaxle casings, O-ring replacement.

ITEM	CONTAINER SIZE	PACK
MC38655	50 ml tube	6
MC51580	300 ml cartridge	10



LOCTITE® GASKET MAKER 518™ – ANAEROBIC

Non-corrosive anaerobic designed primarily for use on aluminum, iron and steel flanged mating surfaces. Ideal for on-the-spot and emergency repairs, or when a conventional gasket is out-of-stock. Fills gaps up to 0.050" (1.27 mm) and forms a flexible, solvent-resistant seal that will not tear or decay. Parts disassemble easily even after extended service, and old gasket material can be removed with a putty knife. See properties chart on page 31.

Typical Applications: Water pumps, thermostat housings, transmission pans, transmission case covers, transaxle casings, O-ring replacement.

ITEM	CONTAINER SIZE	PACK
MC37394	50 ml tube	6
MC37530	300 ml cartridge	10



LOCTITE® HI-TACK STICK – GASKET DRESSING

Formulated to work like Loctite® Hi-Tack Gasket Sealant liquid, but this wax-like stick is less messy, has a low odor, and is solvent-free. Loctite® Hi-Tack Stick sets quickly to a very tacky film, and seals and holds the heaviest gaskets in place. Resists gasoline, oil and common shop fluids. See properties chart on page 31.

Typical Applications: Valve covers, fuel pumps, carburetors, manifold gaskets.

ITEM	CONTAINER SIZE	PACK
MC39158	19 g stick	6



LOCTITE® HIGH FLEX FORM-IN-PLACE GASKET

Flexible form-in-place gasket that provides high temperature resistance and more flexibility. Fills gaps to 0.020" (0.5 mm) and cures to a tough solvent-resistant gasket that flexes with flange movement caused by vibration, pressurization, or thermal change. Operating temperature limits of -63°F to 350°F (-54°C to 177°C).

Typical Applications: PTO housing cover to housing, brake separator plates to brake piston housing, transmission to range box, range box to differential case, centerline bracket to differential case, axle housing to ring gear to differential case.

ITEM	CONTAINER SIZE	PACK
MC38657	50 ml tube	6



LOCTITE® GASKET SEALANT 2 – NON-HARDENING

Reliable, paste-like gasket sealant/dressing/coating. Sets more slowly to a pliable film. Best suited for non-rigid, vibrating assemblies. Allows for easy disassembly if required. Temperature range: -65°F to 400°F (-54°C to 204°C); resists common shop fluids and fuels.

Typical Applications: Valve cover gaskets, oil pan gaskets.

ITEM	CONTAINER SIZE	PACK
MC37544	3 oz. tube	12



LOCTITE® HI-TACK GASKET SEALANT – GASKET DRESSING

Fast-drying sealant dries to a highly tacky, non-brittle film that holds gaskets in place during assembly. Temperature range: -65°F to 500°F (-54°C to 260°C); resists gasoline, oil, antifreeze, axle lube.

Typical Applications: Valve covers, fuel pumps, carburetors, manifold gaskets.

ITEM	CONTAINER SIZE	PACK
MC37555	9 oz. aerosol can	12
MC37553	16 oz. brushtop can	12



LOCTITE® COPPER GASKET ADHESIVE – HI-TEMP ADHESIVE SEALANT

Fast-drying, metallic copper sealant helps dissipate heat, prevents gasket burnout and improves heat transfer. Seals instantly. Fills hot spots and surface imperfections. Temperature range: -50°F to 500°F (-46°C to 260°C); resists all types of automotive fluids, especially gasoline.

Typical Applications: Cylinder head gaskets, carburetor gaskets, exhaust manifold gaskets and other high temperature applications.

ITEM	CONTAINER SIZE	PACK
MC37583	9 oz. aerosol can	12



LOCTITE® AVIATION GASKET SEALANT – GASKET DRESSING

Slow-drying, non-hardening brushtop sealant approved for use in aviation as well as automotive applications. Temperature range: -65°F to 400°F (-54°C to 204°C); resists gasoline, oil and grease.

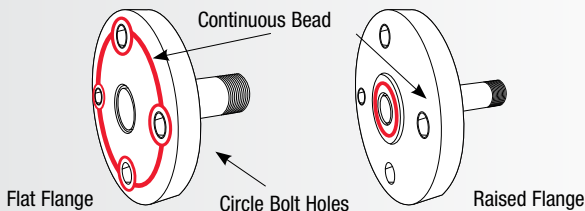
Typical Applications: Close-fitting machined surfaces, sealing hoses, solid gaskets.

ITEM	CONTAINER SIZE	PACK
MC37558	16 oz. brushtop can	12

GASKETING

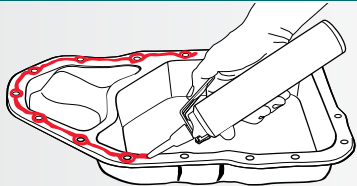


SEALING CAST RIGID FLANGES



- 1. Remove old gasketing material and other heavy contaminants. Use mechanical removal technique if required.
- Note: Avoid grinding.
- 2. Clean both flanges with a cleaner.
- 3. Spray Loctite® Klean 'N Prime™ on only one surface. Allow 1-2 minutes to dry.
- 4. Apply a continuous bead of Loctite® Gasket Maker to the other surface.
- Note: Circle all bolt holes with sealant, if appropriate.
- 5. Mate parts. Assemble and tighten as required.
- Note: Immediate assembly not required; however, avoid delays over 45 minutes.
- 6. Allow to cure:
 - a. No pressure – immediate service
 - b. Low pressure (up to 500 psi) – 30 to 45 minutes
 - c. High pressure (500 to 2,500 psi) – 4 hours
 - d. Extreme high pressure (2,500 to 5,000 psi) – 24 hours

STAMPED OR SHEET METAL FLANGES



- 1. Remove old gasketing material and other heavy contaminants.
- 2. Clean both flanges with a cleaner.
- 3. Apply a continuous bead of Loctite® Ready Gasket or Loctite® High Performance silicones to sealing surface. Circle all bolt holes.
- Note:
 - Use proper bead diameter to seal flange width and depth.
 - Minimize excessive material “squeeze in.”
- 4. Assemble within 10 minutes by pressing together. Tighten as required.
- 5. Clean up any excess or squeeze out.
- 6. Cure times will vary with temperature, humidity, and gap. Typical full cure time is 24 hours.

LOCTITE® READY GASKET*		LOCTITE® 587™ BLUE	
Color.....	Black.....	Blue	
Viscosity, cP	Paste.....	Paste	
Gap Fill	1/4"	1/4"	
Cure Method	Moisture/Oxime.....	Moisture/Oxime	
Cure Speed			
Tack-Free	30 minutes.....	30 minutes	
Full Cure.....	24 hours.....	24 hours	
Service Temperature Range			
Intermittent.....	-75°F to 500°F.....	-75°F to 500°F	
	-59°F to 260°C.....	-59°F to 260°C	

*Loctite® Ready Gasket provides a low pressure instant seal (100 psi at zero gap).

Gasketing Selector Charts

GENERAL COMPARISON	GASKET TYPE		
	Conventional Gasket Dressings	Formed-in-Place Anaerobics	Formed-in-Place Silicones
BENEFITS	Versatile, immediate green strength (sticky)	Improved structural strength, long open time, high pressure seal	High gap filling, resistant to dynamic fatigue, on-line pressure testing
LIMITATIONS	Non-curing, limited gap fill, % shrinkage	Limited fill	Short open time
PROCESS CONSIDERATIONS	GASKET TYPE		
	Conventional Gasket Dressings	Formed-in-Place Anaerobics	Formed-in-Place Silicones
NUMBER OF COMPONENTS	1	1	1
CURE METHOD	N/A	Anaerobic	RTV
CURE TEMPERATURE	Room Temperature	Room Temperature	Room Temperature
CURE SPEED			
Initial Cure	Immediate	15 to 30 minutes	15 to 30 minutes
Full Cure	N/A	24 to 72 hours	1 to 7 days
PROCESSING OPTIONS			
Manual	Yes	Yes	Yes
Automated	No	Yes	Yes

PERFORMANCE CONSIDERATIONS	GASKET TYPE		
	Conventional Gasket Dressings	Formed-in-Place Anaerobics	Formed-in-Place Silicones
TEMPERATURE RESISTANCE			
Continuous Operation	-65°F to 400°F (-54°C to 204°C)	-40°F to 300°F (-40°C to 149°C)	-60°F to 400°F (-51°C to 204°C)
Maximum	600°F (316°C)	400°F (204°C)	725°F (385°C)
FLUID RESISTANCE			
Oil	Yes	Yes	Yes
Water/Glycol	Yes	Yes	Yes
Fuel	Limited	Limited	No
Transmission Fluid	Yes	Yes	Yes
GAP FILL			
Ideal	0.001" to 0.005"	0.001" to 0.005"	0.001" to 0.125"
Maximum	0.010" (0.254 mm)	0.050" (1.27 mm)	0.240" (6.096 mm)
INSTANT SEAL	High Pressure	Low Pressure	Low Pressure
FLANGE TYPE	Rigid or Flexible	Rigid	Rigid or Flexible
SUITABLE FOR USE WITH:			
Metals	Yes	Yes	Yes
Plastics *	Yes	No	Yes

Properties Chart: Gasketing

LOCTITE® PRODUCT	Part Number	Container	Color	Oil Resistance	Non-Corrosive	Temperature Range	Sealing Time	Agency Approvals
Ready Gasket	MC40480	190 ml power can aerosol	Black	Increased oil resistance	Non-corrosive	-75° to 500°F (-59° to 260°C) intermittent	Operating Strength 15 psi - 1 min.	GM 998-5990 Ford WSE-M4G 323-A6 Chrysler GF-44-A
RTV Red Silicone	MC37469 MC40465	80 ml tube 190 ml power can aerosol	Red	•	•	-75° to 600°F (-59° to 316°C) intermittent	Tack-free 30 min. — Full Strength 24 hrs.	CFIA
RTV 598™ Black Silicone	MC37467 MC40463 MC37519 MC37518	80 ml tube 190 ml power can aerosol 8.75 oz. can 300 ml cartridge	Black	Excellent oil resistance	Non-corrosive	-75° to 625°F (-59° to 329°C) intermittent	Tack-free 30 min. — Full Strength 24 hrs.	American Bureau of Shipping, CFIA
RTV 587™ Blue Silicone	MC37465 MC40462	80 ml tube 190 ml power can aerosol	Blue	Increased oil resistance	Non-corrosive	-75° to 500°F (-59° to 260°C) intermittent	Tack-free 30 min. — Full Strength 24 hrs.	American Bureau of Shipping, UL® Classified for U.S., CFIA
RTV 5920™ Copper Silicone	MC37466	80 ml tube	Copper	Increased oil resistance	Non-corrosive	-65° to 700°F (-54° to 371°C) intermittent	Tack-free 60 min. — Full Strength 24 hrs	CFIA
RTV 5699™ Grey Silicone	MC37464 MC40505	80 ml tube 190 ml power can aerosol	Grey	Increased oil resistance	Non-corrosive	-75° to 625°F (-59° to 329°C) intermittent	Tack-free 30 min. — Full Strength 24 hrs.	CFIA
Aviation Gasket Sealant	MC37558	16 oz. brushtop can	Dark reddish brown	Oil resistant	Non-corrosive	-65° to 400°F (-54° to 204°C)	Full Strength 12 hrs.	•
Gasket Sealant 2	MC37544	3 oz. tube	Black	Oil resistant	Non-corrosive	-65° to 400°F (-54° to 204°C)	Remains tacky	•
Hi-Tack Gasket Sealant	MC37555 MC37553	9 oz. aerosol 16 oz. brushtop can	Red	Increased oil resistance	Non-corrosive	-65° to 500°F (-54° to 260°C) Aerosol to 600°F	5 min. to set	•
Copper Gasket Adhesive	MC37583	9 oz. aerosol	Copper	Oil resistant	Non-corrosive	-50° to 500°F (-45° to 260°C)	Remains tacky	•
510™ Gasket Eliminator	MC51031	50 ml tube	Red	Oil resistant	Non-corrosive	-65° to 300°F (-54° to 149°C)	Full Strength 24 hrs.	UL® Classified for U.S.
High Flex Form-In-Place Gasket	MC38657	50 ml tube	Blue	Excellent oil resistance	Non-corrosive	-65° to 350°F (-54° to 177°C)	Full Strength 24 hrs.	•

Properties Chart: Gasketing

LOCTITE® PRODUCT	Part Number	Container	Color	Viscosity (cP)	Temperature Range	Sealing Time	Agency Approvals
515™	MC38655 MC51580	50 ml tube 300 ml cartridge	Purple	275,000/950,000 Thixotropic paste	-65° to 300°F (-54°C to 149°C)	15 min-2 hrs. w/primer 1-12 hrs. w/o primer	UL® Classified for U.S.
518™	MC37394 MC37530	50 ml tube 300 ml cartridge	Red	800,000/3,750,000 Thixotropic paste	-65° to 300°F (-54°C to 149°C)	30 min-4 hrs. w/primer 4-24 hrs. w/o primer	CFIA
Hi-Tack Stick	MC39158	19 g stick	Purple	Vertical applications, repositionable	-65° to 300°F (-54°C to 149°C)	5 minutes to set	•

* Uncured liquid adhesives may cause stress cracking of certain thermoplastics (e.g., polycarbons, acrylic and polysulfone).

LUBRICANTS

Loctite® anti-seize and lubricating compounds are a group of premium quality products developed to protect metal parts from corrosion, galling and seizing. They ease assembly and disassembly of slip-fit, press-fit and threaded joints, and reduce friction and wear at temperatures up to 1800°F. Formulated for severe environments, these products protect against high temperatures, heavy loads, chemicals, pounding and vibration.



REDUCE WEAR AND TEAR!



LUBRICANTS



LOCTITE® VIPERLUBE® SYNTHETIC GREASE

A high performance, NLGI grade 2/ Severe duty GC-LB synthetic grease that provides superior protection for parts exposed to a wide range of temperatures and environments. NSF H1 rated.

Typical Applications: Use as a lubricant on all bearings, as a protective anti-rust film, or as a release agent on gaskets and seals. Use as a battery terminal protector.

ITEM	CONTAINER SIZE	PACK
MC37578	10.1 oz. aerosol can	6



LOCTITE® DIELECTRIC TUNE-UP GREASE – LUBRICANT

Provides a moisture-proof barrier that lubricates and protects electrical connections and wiring from salt, dirt and corrosion. Extends the life of bulb sockets. Prevents voltage leakage around electrical connections. Required for modern high energy ignition systems.

Typical Applications: Marine and automotive electrical connections, spark plug boots, trailer hitches, battery terminals.

ITEM	CONTAINER SIZE	PACK
MC37534	0.33 oz. tube	12
MC37535	80 ml tube	6



LOCTITE® FREEZE & RELEASE

Loctite® Freeze & Release instantly freezes seized and rusted parts (bolts, nuts, studs) down to -45°F (-43°C). The exceptional shock-freeze effect causes microscopic cracks in the layer of rust, allowing the lubricant ingredient to wick directly into the rust by capillary action. The assembly can be easily dismantled after allowing only 1-2 minutes penetration time. Released parts remain lubricated and protected from corrosion.

Typical Applications: Seized and corroded assemblies of threaded and cylindrical parts. Any applications where a threadlocker or anti-seize has not been previously used and, rust and corrosion has formed.

ITEM	CONTAINER SIZE	PACK
MC996456	13.52 oz. aerosol	6



LOCTITE®

Rusty Nuts? FREEZE 'EM OFF! ...with Loctite® Freeze & Release



SEE HOW IT WORKS
Product demo and more at

www.loctitefreezeandrelease.com

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LUBRICANTS



LOCTITE® COPPER ANTI-SEIZE STICK

Loctite® Copper Anti-Seize Stick provides a shield against high temperature seizing and galling. Studs, bolts, flanges and other mated parts can be removed easily in typical dry service temperatures up to 1800°F (982°C). The copper anti-seize stick can be used on copper, brass, cast iron, all steel alloys including stainless steel, all plastics and all non-metallic gasketing materials.

Typical Applications: Spark plug threads installed in aluminum, exhaust manifold bolts, engine bolts, thermostat housing bolts, oxygen sensors, battery cable connections.

ITEM	CONTAINER SIZE	PACK
MC37616	20 g stick	6



LOCTITE® SILVER ANTI-SEIZE STICK

Loctite® Silver Anti-Seize Stick is a heavy-duty, temperature-resistant, petroleum-based lubricant compound fortified with graphite and metallic flake. Will not evaporate or harden in extreme cold or heat. Use during assembly to prevent seizing, galling, and corrosion. For use in assemblies up to 1600°F (871°C).

Typical Applications: For easy removal of spark plugs, cylinder head and exhaust head bolts.

ITEM	CONTAINER SIZE	PACK
MC37617	20 g stick	6



LOCTITE® ANTI-SEIZE LUBRICANT – COPPER

A premium quality copper anti-seize and thread lubricant that may be used to prevent seizing, corrosion, and galling where high temperature conditions exist. Temperature range: -30°F to 1800°F (-34°F to 982°C). Provides good electrical conductivity.

Typical Applications: Spark plug threads installed in aluminum, exhaust manifold bolts, engine bolts, oxygen sensors, knock sensors, thermostat housing bolts, fuel filter fittings, and battery cable connections.

ITEM	CONTAINER SIZE	PACK
MC37533	1 oz. tube	6
MC37563	4 oz. brushtop can	12
MC38650	8 oz. brushtop can	12
MC37562	1 lb. brushtop can	12



LOCTITE® ANTI-SEIZE LUBRICANT – SILVER

Heavy-duty, temperature-resistant, petroleum-based lubricant compound fortified with graphite and metallic flake. Will not evaporate or harden in extreme cold or heat. Use during assembly to prevent seizing, galling and corrosion. For use in assemblies up to 1600°F (871°C).

Typical Applications: For easy removal of spark plugs, cylinder head and exhaust head bolts.

ITEM	CONTAINER SIZE	PACK
MC37539	1 oz. tube	12
MC37564	4 oz. brushtop can	12
MC37565	8 oz. brushtop can	12
MC38658	12 oz. aerosol can	12
MC37566	1 lb. brushtop can	12



LOCTITE® WHITE LITHIUM GREASE

Loctite® White Lithium Grease is a general-purpose lubricating paste for metal-to-metal and metal-to-plastic applications. Provides corrosion protection. Contains no ozone-depleting compounds.

Typical Applications: Door hinges, hood latches and seat tracks.

ITEM	CONTAINER SIZE	PACK
MC30543	10.75 oz. aerosol can	12



LOCTITE® BELT DRESSING & CONDITIONER

Extends belt life. Penetrates the cord fibers of “V” belts to restore pliability and flexibility. Prevents belt slippage due to heat, cold, dampness, dust and glazing. Eliminates squeaking and slipping.

Typical Applications: Fan belts, water pumps, power steering, sewing machines, washing machines, air conditioners, lawn mowers and power tools.

ITEM	CONTAINER SIZE	PACK
MC37581	5 oz. aerosol can	12



LUBRICANTS



LOCTITE® SILICONE LUBRICANT

Lubricates and waterproofs all types of mechanical equipment. Stops friction and squeaks. Coats hinges and channels. Prevents locks, doors and windows from binding. High silicone formula does not attract dust or dirt. Prevents binding, sticking and deterioration.

Typical Applications: Lubricates door locks, trunk lids, brake cables and rubber molding.

ITEM	CONTAINER SIZE	PACK
MC37584	13 oz. aerosol can	12



LOCTITE® PENETRATING OIL

Heavy-duty penetrant for rusted and frozen assemblies. Works quickly to penetrate and loosen rust, tar, grease, dirt, carbon deposits and corrosion from metal parts. Frees frozen nuts, bolts and fittings in all types of assemblies.

Typical Applications: Lubricates to free any corroded or seized part. Penetrates rust, scale, paint, varnish, carbon or gum.

ITEM	CONTAINER SIZE	PACK
MC37585	12 oz. aerosol can	12



LOCTITE® GEAR, CHAIN & CABLE LUBRICANT

Protects and prolongs the life of gears, chains, wire rope, and cable. Repels dirt, sand, and dust with minimum “throw-off” from centrifugal force. Cleans, lubricates, and protects all types of roller chains that operate under exposed conditions.

Typical Applications: Ideal for any chain-driven tool or vehicle such as motorcycles, mopeds, chainsaws, lawnmowers and bicycles.

ITEM	CONTAINER SIZE	PACK
MC37582	5 oz. aerosol can	12



LOCTITE® SOLVO RUST® SUPER PENETRATING OIL

Frees rusted parts and keeps them lubricated and protected from rust after use. May be applied on or near moving parts. Will not harm painted surfaces. Contains no ozone-depleting compounds. *CFIA approved.*

Typical Applications: Close fitting parts.

ITEM	CONTAINER SIZE	PACK
MC81252	12.25 oz. aerosol can	12



LOCTITE® MOLY DRY FILM LUBRICANT

Solid film lubricant for sliding surfaces and slow moving parts. Temperature resistant up to 750°F (400°C) as a dry film lubricant, 2400°F (1315°C) as an anti-seize. Won't squeeze out, burn off or pick up dirt.

Typical Applications: Electrical Equipment, Chain-driven Equipment, for low speeds and high loads.

ITEM	CONTAINER SIZE	PACK
MC39895	12 oz. aerosol can	12



DRY FILM LUBRICANTS

Dry film lubricants are an ideal choice for “unclean” environments where there is potential for dirt and other contaminants to come in contact with the product. Contaminants will not stick like they would with a standard grease.

SPECIALTY PRODUCTS

If you want to repair, protect, seal, insulate or prevent corrosion, there's a Loctite® product for you. Whether you need to make a custom O-ring, repair a thread, or remove or prevent rust, Henkel has a Loctite® brand product that will make your parts and equipment last longer and work better.



FOR THE LONG ROAD AHEAD!

SPECIALTY PRODUCTS



LOCTITE® EXTEND® RUST TREATMENT

Provides one-step rust treatment that destroys old rust and prevents new rust. Just brush or spray it on. Within minutes, rust disappears and is converted to a durable black protective coating. Surface rust must be present. Use as a primer or finish coat. Specially formulated to be used with body filler and fiberglass.

Typical Applications: Aerosol can is ideal for hard-to-reach automotive applications.

ITEM	CONTAINER SIZE	PACK
MC37557	10.25 oz. aerosol can	12



LOCTITE® O-RING MAKING KIT

Makes replacement, high performance O-rings in less than a minute. This compact kit contains three-foot lengths of common diameters of Buna N cord, Loctite® 404™ Quick Set™ Instant Adhesive, O-ring fixture, blade, a waterproofing solution and a cleanup solution.

ITEM	CONTAINER SIZE	PACK
MC00112	Kit	5



NEW LOCTITE® INSULATING & SEALING WRAP

Loctite® Insulating & Sealing Wrap is a non-sticky, self-fusing, multi-purpose wrap that stretches three times its size. Great for quick fixes anywhere, any time.

Typical Applications: Jumper cable grip/insulating, emergency hose repair, exhaust wrap, tool handles.

ITEM	CONTAINER SIZE	PACK
MC1212164	1" x 10' roll	10

LOCTITE®



New
Loctite®
Insulating &
Sealing Wrap

Withstands extreme conditions:

- -65°F to 500°F
- Tensile strength up to 700 psi
- Dielectric strength up to 400 vpm
- UV resistant
- Saltwater, fuel and acid resistant

Typical applications:

- Industrial
- Automotive repair
- Marine
- Plumbing
- Electrical
- And more!



CLEANERS & DEGREASERS

A wide range of cleaners and degreasers is available from the Loctite® product line to clean and degrease work surfaces and parts. Take the right steps for preparing parts for maintenance and repair!



KEEP IT CLEAN!



CLEANERS & DEGREASERS



LOCTITE® PRO STRENGTH PARTS CLEANER

Aggressively penetrates, dissolves, and removes oil and grease from parts. Dries quickly with no residue. Contains no ozone-depleting chemicals (ODCs).

Typical Applications: All-purpose parts cleaner.

ITEM	CONTAINER SIZE	PACK
MC30548	19 oz. aerosol can	12



LOCTITE® NONFLAMMABLE ELECTRICAL CONTACT CLEANER

Removes grease, oil and other contaminants from electrical parts to prevent contact failure. Dries residue-free in seconds. Contains no HCFCs or CFCs.

Typical Applications: Cleans motorized instruments.

ITEM	CONTAINER SIZE	PACK
MC1174633	15 oz. aerosol can	12



LOCTITE® CHISEL® GASKET REMOVER (METHYLENE CHLORIDE)

Removes gaskets from any type of assembly in 10 to 15 minutes. Prepares metal parts for new gaskets, eliminating scraping and sanding. Works on wood, and is non-corrosive on aluminum. Not for use on plastics, linoleum, or synthetic fibers. CFIA approved.

Typical Applications: Removes silicones, baked-on gaskets from aluminum, weatherstrip adhesive, dried oil, grease, paint and varnish.

ITEM	CONTAINER SIZE	PACK
MC79040	18 oz. aerosol can	10



LOCTITE® INDUSTRIAL HAND WIPES

Pre-moistened 9.5" x 12" wipe. Abrasive enough to scrub off the toughest grease and grime without scratching hands or paint.

Typical Applications: Removal of dried bugs from windshields, hoods and radiator grills. Cleans commercial working hands without water.

ITEM	CONTAINER SIZE	PACK
MC34943	75 count canister	6
MC34944	130 count bucket	4



LOCTITE® NATURAL BLUE® BIODEGRADABLE CLEANER & DEGREASER

Biodegradable, all-purpose, industrial strength, concentrated cleaner and degreaser. Can be economically diluted with water. Formulated for wipe down, pressure spraying, and immersion cleaning processes at room temperature or heated. Nonflammable and non-toxic. Contains no ODCs.

Typical Applications: Engine parts, bearings and equipment.

ITEM	CONTAINER SIZE	PACK
MC82249	24 fl. oz. spray bottle	12
MC82251	1 gallon bottle	6



PRODUCT APPLICATIONS

Exhaust Gaskets

- Loctite® RTV 5920™ Copper Silicone Gasket Maker

Exhaust Manifold Studs

- Loctite® Copper Anti-Seize Stick

Turbo Mounting Flange

- Loctite® Copper Anti-Seize Stick

Flywheel Bolts

- Loctite® Red Threadlocker Stick
- Loctite® Threadlocker 262™
- Loctite® Threadlocker 271™ (Part not shown)

Connecting Rod Cap Bolts

- Loctite® Threadlocker 271™
- Loctite® Red Threadlocker Stick

Oil Pan Gasket

- Loctite® Hi-Tack Stick
- Loctite® Ready Gasket
- Loctite® Gasket Maker 515™

Crankshaft Sleeve Seal

- Loctite® Gasket Maker 515™

Intake Manifold Bolts

- Loctite® Threadlocker 242™
- Loctite® Blue Threadlocker Stick

Intake Manifold Gasket

- Loctite® Ready Gasket
- Loctite® Threadlocker 242®
- Loctite® Blue Threadlocker Stick

Electric Connecting Hoses

- Loctite® Insulating & Sealing Wrap

Thermostat Housing

- Loctite® Ready Gasket
- Loctite® Gasket Maker 515™
- Loctite® Hi-Tack Stick

Water Pump Mounting Bolts

- Loctite® Headbolt Water Jacket Sealant

Water Pump Gasket

- Loctite® RTV 5920™ Copper Silicone Gasket Maker
- Loctite® Hi-Tack Stick

THREAD TREATMENTS	BEARING MOUNTS	GASKETING	LUBRICANTS	SPECIALTY
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PRODUCT APPLICATIONS

Accessory Mounting Bolts

- Loctite® Blue Threadlocker Stick
- Loctite® Threadlocker 242®

Serpentine Belt

- Loctite® Belt Dressing & Conditioner

Water Pump Mounting Hardware Pulley Bolts

- Loctite® Threadlocker 242®
- Loctite® Blue Threadlocker Stick

Repair Engine Block

- Loctite® Fixmaster Steel Putty

Dipstick Sleeve

- Loctite® Press Fit Repair 660™
- Loctite® Bearing Mount 680™ (Part not shown)

Threaded Core Plugs

- Loctite® PST® Thread Sealant 565™
- Loctite® PST® Thread Sealant Stick

Oil Filter Mounting Block O-Rings

- Loctite® Dielectric Tune-Up Grease (On O-rings)

Fuel Filter Mounting

- Loctite® Dielectric Tune-Up Grease (On O-rings)

Oil / Water Cooling Lines

- Loctite® PST® Thread Sealant 565™
- Loctite® Thread Sealant PST® Stick

Cylinder Head Bolts

- Loctite® Threadlocker 262™

Glow Plugs

- Loctite® Copper Anti-Seize Stick (Part not shown)

Fuel Line Sealing

- Loctite® PST® Thread Sealant 565™
- Loctite® Thread Sealant PST® Stick

Valve Cover - Stamped

- Loctite® Ready Gasket

Valve Cover - Cast

- Loctite® Gasket Maker 515™

Valve Cover - Cork/Composite Gasket

- Loctite® Hi-Tack Gasket Sealant

Diesel Injectors

- Loctite® Threadlocker 242®
- Loctite® Gasket Maker 515™

THREAD TREATMENTS	BEARING MOUNTS	GASKETING	LUBRICANTS	BONDING
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Loctite® RTV Black Silicone – Adhesive/Sealant (300 ml cartridge)	MC37523	22
Loctite® RTV Clear Silicone – Adhesive/Sealant (80 ml tube)	MC37463	23
Loctite® RTV Clear Silicone – Adhesive/Sealant (190 ml power can aerosol)	MC40481	23
Loctite® RTV Clear Silicone – Adhesive/Sealant (300 ml cartridge)	MC37521	23
Loctite® RTV Red Silicone Gasket Maker – Sensor Safe/Hi Temp (80 ml tube)	MC37469	27, 31
Loctite® RTV Red Silicone Gasket Maker – Sensor Safe/Hi Temp (190 ml power can aerosol)	MC40465	27, 31
Loctite® Silicone Lubricant (13 oz. aerosol can)	MC37584	38
Loctite® Silver Anti-Seize Stick (20 g)	MC37617	4
Loctite® Silver Anti-Seize Stick (20 g stick)	MC37617	36
Loctite® Solvo Rust® Super Penetrating Oil (12.25 oz. aerosol can)	MC81252	39
Loctite® Super Glue – Instant Adhesive (1 oz. bottle)	MC37538	22
Loctite® Super Glue – Instant Adhesive (2 g tube)	MC37425	22
Loctite® Threadlocker 222™– Low Strength (6 ml tube)	MC38653	5, 9
Loctite® Threadlocker 242® – Medium Strength (6 ml tube)	MC37418	6, 9, 48, 49
Loctite® Threadlocker 242® – Medium Strength (36 ml bottle)	MC37477	6, 9, 48, 49
Loctite® Threadlocker 243™ – Surface Insensitive (6 ml tube)	MC37419	7, 9
Loctite® Threadlocker 262™ – High Strength (6 ml tube)	MC37420	6, 9, 48, 49
Loctite® Threadlocker 262™ – High Strength (36 ml bottle)	MC37478	6, 9, 48, 49
Loctite® Threadlocker 271™ – Heavy-Duty (6 ml tube)	MC37421	7, 9, 48
Loctite® Threadlocker 271™ – Heavy-Duty (36 ml bottle)	MC37479	7, 9, 48
Loctite® Threadlocker 277™ – Heavy-Duty/Large Bolts (36 ml bottle)	MC38656	7, 9
Loctite® Threadlocker 290™ – Penetrating (6 ml tube)	MC37423	7, 9
Loctite® Threadlocker 290™ – Penetrating (36 ml bottle)	MC37481	7, 9
Loctite® Thread Sealant 545™ – Pneumatic/Hydraulic (36 ml bottle)	MC37482	10, 12
Loctite® Thread Sealant PST® Stick (19 g)	MC37615	4, 12, 49
Loctite® Thread Sealant PST® Stick – High Performance (19 g stick)	MC37615	10, 49
Loctite® Thread Sealant with PTFE – Fitting Sealant (16 oz. brushtop can)	MC37546	12
Loctite® Thread Treatment Sticks Counter Display	MC38251	4
Loctite® Thread Treatment Sticks Kit	MC38725	4
Loctite® ViperLube® Synthetic Grease (10.1 oz. aerosol can)	MC37578	34
Loctite® White Lithium Grease (10.75 oz. aerosol can)	MC30543	37

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