MEETING TODAY'S CHALLENGES WITH TOMORROW'S TECHNOLOGY.

Permatex Industrial Products

- Threadlockers
- Thread Sealants
- Retaining Compounds
- Gasketing
- Adhesives & Sealants
- Anti-Seize
- Lubricants
- Cleaners
- Hand Cleaners

Technical Assistance.

For technical assistance call 800-9-DEVCON (800-933-8266) or visit www.permatex.com and www.devcon.com

INTRODUCTION

THE BONDING OF TWO LEADING BRANDS!

Effective January 1, 2006 Permatex® Industrial products will be merged with Devcon® Industrial products to form a complete line of MRO and OEM adhesives and sealants available only through ITW Devcon.

This combined Permatex® and Devcon® branded product offering will include:

- Threadlockers
- Thread Sealants
- Retaining Compounds
- Gasket Makers
- Gasket Sealants
- Instant Adhesives
- Hand Cleaners
- RTV Silicones
- Anti-Seize
- Lubricants
- Cleaners
- Metal Repair Epoxies
- Rubber Repair Urethanes
- Casting/Tooling Epoxies
- Wear/Abrasion Compounds
- Floor Repair/Coatings
- Spill Cleanup Products
- Anti-Slip Coatings
- Epoxy Adhesives
- Plastic Bonders
- UV Light Cured Adhesives
- Primers/Accelerators
- And much, much more!

Look for a complete and combined Devcon® and Permatex® Industrial Products catalog in the summer of 2006.

For technical assistance call 800-9-DEVCON (800-933-8266) or visit www.permatex.com and www.devcon.com

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THREADLOCKERS

Permatex® Threadlockers are **SUPERIOR** to conventional lock washers, nylon inserts and other mechanical devices because they **SECURE** the entire fastener assembly against loosening from shock and vibration so fastener clamping forces are maintained. Threadlockers also **SEAL** the threads against leakage and **PREVENT** rust and corrosion. Available in a variety of strengths and temperature ranges, Threadlockers remain the most **RELIABLE** way to lock and seal threaded fasteners of all shapes and sizes, either before or after assembly.

PERMATEX® THREADLOCKER

Entire threaded area filled with Threadlocker

ONE DROP FITS ALL!

Threads sealed — moisture can't get inside

VS.

LOCK WASHER

Contact only under bolt—bolt can vibrate loose

Must use right size

Threads open — moisture can get in causing corrosion

THREADLOCKERS

Permatex® Threadlockers

Product	Item Numbers	Container Size	Typical Use	Color	Viscosity cP	Torque in. lbs.* Break/Prevail	Temperature Range	Cure Fixture** (Full)	Fixture/ with Primer	Specific Gravity
Permatex® Low Strength Threadlocker PURPLE	22210 22250 22225	10 ml bottle 50 ml bottle 250 ml bottle	Up to 1/4" (6mm)	Purple	1,200/5,000 Thixotropic	62/27	-65° to 300°F (-54° to 149°C)	20 min. (24 hrs.)	5 min.	1.05
Permatex® Medium Strength Threadlocker BLUE	09178 24210 24250 24225 24201	1 ml pouch 10 ml bottle 50 ml bottle 250 ml bottle 1 L bottle	1/4" to 3/4" (6-20mm)	Blue	1,200/6,000 Thixotropic	115/53	-65° to 300°F (-54° to 149°C)	20 min. (24 hrs.)	5 min.	1.00
Permatex® Surface Insensitive Threadlocker BLUE	24310 24350 24325 24301	10 ml bottle 50 ml bottle 250 ml bottle 1 L bottle	1/4" to 3/4" (6-20mm)	Blue	2,250/12,000 Thixotropic	180/62	-65° to 300°F (-54° to 149°C)	20 min. (24 hrs.)	5 min.	1.08
Permatex® Permanent Strength Threadlocker RED	26210 26250 26225 26201	10 ml bottle 50 ml bottle 250 ml bottle 1 L bottle	3/8" to 1" (10-25mm)	Red	1,800/5,000 Thixotropic	189/275	-65° to 300°F (-54° to 149°C)	20 min. (24 hrs.)	5 min.	1.10
Permatex® High Strength Threadlocker RED	09179 27110 27150 27125 27101	1 ml pouch 10 ml bottle 50 ml bottle 250 ml bottle 1 L bottle	3/8" to 1" (10-25mm)	Red	500	230/225	-65° to 300°F (-54° to 149°C)	20 min. (24 hrs.)	5 min.	1.10
Permatex® High Temperature Threadlocker RED	27210 27250 27225 27201	10 ml bottle 50 ml bottle 250 ml bottle 1 L bottle	3/8" to 1½" (10-38mm)	Red	10,000	180/270	-65° to 450°F (-54° to 232°C)	30 min. (24 hrs.)	5 min.	1.11
Permatex® Large Diameter Threadlocker RED	27710 27750 27725 27701	10 ml bottle 50 ml bottle 250 ml bottle 1 L bottle	1" and over (25mm+)	Red	7,000	250/200	-65° to 300°F (-54° to 149°C)	60 min. (24 hrs.)	5 min.	1.12
Permatex® Penetrating Grade Threadlocker GREEN	29010 29050 29025 29001	10 ml bottle 50 ml bottle 250 ml bottle 1 L bottle	#2 to 1/2" (2.2-12mm)	Green	12	90/310	-65° to 300°F (-54° to 149°C)	20 min. (24 hrs.)	3 min.	1.08

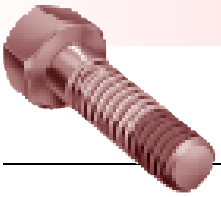
* 3/8"-phosphate steel **Fixture strength is equivalent to 20% of full cure strength

Permatex® GEL TWIST™ Threadlockers

Product	Item Numbers	Container Size	Typical Use	Color	Viscosity cP	Torque in. lbs.* Break/Prevail	Temperature Range	Cure Fixture** (Full)	Fixture/ with Primer	Specific Gravity
Permatex® Medium Strength Threadlocker BLUE Gel	24010	10 g GEL TWIST™ Applicator	1/4" to 1" (6-25mm)	Blue	75,000/ 900,000 Thixotropic	115/53	-65° to 300°F (-54° to 149°C)	15 min. (24 hrs.)	n/a	1.15
Permatex® High Strength Threadlocker RED Gel	27010	10 g GEL TWIST™ Applicator	3/8" to 1" (10-25mm) and greater	Red	75,000/ 900,000 Thixotropic	175/230	-65° to 300°F (-54° to 149°C)	15 min. (24 hrs.)	n/a	1.13

Application Directions:

1. Remove protective cap.
2. Turn dial to expose 1/8" to 1/4" of material beyond tip.
3. Apply Threadlocker to engagement area of male fitting.
4. Assemble parts and tighten to recommended torque.



THREADLOCKER GELS

Permatex® GEL TWIST™ Threadlockers ...TRUE Threadlocking Innovation!

Permatex® Threadlocker Gel in the patent-pending GEL TWIST™ pin-point applicator is the true innovation in Threadlocking! Available in Medium Strength BLUE Gel and High Strength RED Gel, the Permatex® GEL TWIST™ applicator leaves the Threadlocker where you want it…on the part! No more liquid drips or solid stick globs to deal with. No more mess to clean or costly waste to worry about. Permatex® Threadlocker Gel eliminates these hassles while still providing "liquid quality" application reliability.

Plant Engineering PRODUCT of the YEAR 2004

The GEL TWIST™ Advantage

The patent-pending GEL TWIST™ Threadlocker will not drip or run like traditional liquid threadlockers and is easily portable. Threadlocker Gel stays on the part which reduces waste and makes it great for use in vertical applications. The extended nozzle allows for easy application in "hard-to-reach" locations.

Permatex® Medium Strength Threadlocker BLUE Gel in the GEL TWIST™ Applicator

An all-purpose, medium strength blue threadlocker gel that reliably secures all nut and bolt applications 1/4" to 1" (6mm to 25mm). Locks and seals while preventing parts from loosening due to vibration. Protects threads from corrosion. Removable with hand tools for easy disassembly.

Item #	Container Size	Pack	P/N
24010	10 g GEL TWIST™ applicator, carded	6	24010*

Permatex® High Strength Threadlocker RED Gel in the GEL TWIST™ Applicator

A high strength threadlocker red gel for heavy-duty applications. Ideal for reliably securing all permanent nut and bolt applications 3/8" to 1" (10mm to 25mm) and greater. Locks and seals while preventing parts from loosening due to vibration. Protects threads from corrosion. Requires heat or special tools for removal.

Item #	Container Size	Pack	P/N
27010	10 g GEL TWIST™ applicator, carded	6	27010*

* See page 35 for Canada item #

THREADLOCKERS

Permatex® Low Strength Threadlocker PURPLE

Low strength threadlocker designed for fasteners under 1/4" (6mm) that require occasional adjustment. Removable with hand tools for easy disassembly. Mil-Spec (S-46163A) Type II, Grade M.

Item #	Container Size	Pack	P/N
22210	10 ml bottle, carded	6	22210
22250	50 ml bottle	6	22250
22225	250 ml bottle	2	22225

Permatex® Surface Insensitive Threadlocker BLUE

Medium/High strength threadlocker for general-purpose applications. Especially well-suited for 1/4" to 3/4" (6mm to 20mm) fasteners that have a slight oil film. Prevents vibration loosening.

Item #	Container Size	Pack	P/N
24310	10 ml bottle, carded	6	24310
24350	50 ml bottle	6	24350
24325	250 ml bottle	2	24325
24301	1 L bottle	1	24201

Permatex® Medium Strength Threadlocker BLUE

All-purpose, medium strength threadlocker. Ideal for all nut and bolt applications 1/4" to 3/4" (6mm to 20mm). Eliminates 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. Mil-Spec (S-46163A) Type II, Grade N.

Item #	Container Size	Pack	P/N
09178	1 ml pouch, display box	36	09178
24210	10 ml bottle, carded	6	24210
24250	50 ml bottle	6	24250
24225	250 ml bottle	2	24225
24201	1 L bottle	1	24201

Permatex® Permanent Strength Threadlocker RED

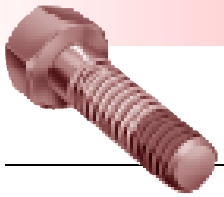
A permanent, high strength threadlocker that is applied to fasteners 3/8" to 1" (10mm to 25mm) in size before assembly. Designed for securing parts that must withstand heavy shock, vibration, or extreme chemical or environmental conditions. Localized heat and hand tools are required to separate parts. Mil-Spec (S-46163A) Type II, Grade O.

Item #	Container Size	Pack	P/N
26210	10 ml bottle, carded	6	26210
26250	50 ml bottle	6	26250
26225	250 ml bottle	2	26225
26201	1 L bottle	1	26201

Application Directions for Permatex® Threadlockers

1. Clean and dry parts using Permatex® Surface Prep™ activator.
2. Shake bottle of Threadlocker well .
3. Apply Threadlocker to threaded areas and assemble parts.

Refer to Technical Data Sheet for complete information.



THREADLOCKERS

Permatex® High Strength Threadlocker RED

High strength threadlocker for heavy-duty applications 3/8" to 1" (10mm to 25mm). Especially well suited for permanently locking studs. Locks against vibration loosening. Removable with heat and hand tools. Mil-Spec (S-46163A) Type I, Grade K.

Item #	Container Size	Pack	P/N
09179	1 ml pouch, display box	36	09179
27110	10 ml bottle, carded	6	27110
27150	50 ml bottle	6	27150
27125	250 ml bottle	2	27125
27101	1 L bottle	1	27101

Permatex® High Temperature Threadlocker RED

Hi-temp/hi-strength threadlocker for heavy-duty applications. Prevents bolts 3/8" to 1 1/2" (10mm to 38mm) from loosening due to shock, severe vibration and heat stress. Suited for temperatures up to 450°F (232°C). Removable with heat and hand tools.

Item #	Container Size	Pack	P/N
27210	10 ml bottle, carded	6	27210
27250	50 ml bottle	6	27250
27225	250 ml bottle	2	27225
27201	1 L bottle	1	27201

Permatex® Large Diameter Threadlocker RED

A high strength adhesive for locking and sealing large bolts and studs 1" (25mm+) or larger in diameter. Heat may be required to weaken bond before parts can be disassembled. Mil-Spec (S-46163A) Type I, Grade L.

Item #	Container Size	Pack	P/N
27710	10 ml bottle, carded	6	27710
27750	50 ml bottle	6	27750
27725	250 ml bottle	2	27725
27701	1 L bottle	1	27701

Permatex® Penetrating Grade Threadlocker GREEN

A low viscosity threadlocking liquid that wicks along the threads of preassembled 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 to 12mm) in size. Localized heating and hand tools are needed for disassembly. Mil-Spec (S-46163A) Type III, Grade R.

Item #	Container Size	Pack	P/N
29010	10 ml bottle, carded	6	29010
29050	50 ml bottle	6	29050
29025	250 ml bottle	2	29025
29001	1 L bottle	1	29001

ACTIVATORS

Permatex® Surface Prep™ Activator for Anaerobics

Speeds cure of Permatex® Threadlockers, Thread Sealants, Retaining Compounds, and Anaerobic Gasket Makers. Recommended for use during cold weather. General-purpose solvent for cleaning and preparing parts and surfaces. Level 1 ▲

Item #	Container Size	Pack	P/N
24163	6 oz. aerosol can, 4.5 oz. net. wt	6	24163
19266	1 gallon bottle	2	19266

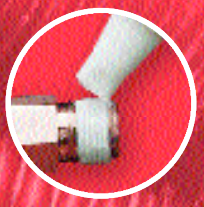
Permatex® Activator T

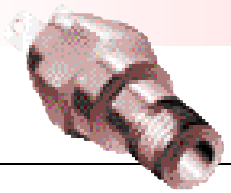
A solvent-based activator that can be used to speed the cure of Permatex anaerobic products. Recommended for applications with inert surfaces or passive metals and with large bond gaps. Use activator when temperatures are below room temperature (especially when cure conditions are below 59° F (15°C.)

Item #	Container Size	Pack	P/N
19267	1.75 oz. pump spray bottle	10	19267
19268	1 gallon bottle	2	19268

THREAD SEALANTS

Permatex® Thread Sealants seal and **SECURE** metal pipes and fittings. By filling the space **BETWEEN** threaded metal parts, Thread Sealants **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. The high lubricating properties of Permatex® Thread Sealants **EASE** assembly and prevent galling of the threads. For system repairs, parts may be disassembled with basic hand tools.





THREAD SEALANTS

Permatex® Thread Sealants

Product	Item Numbers	Container Size	Color	Viscosity cP	Seal to Operating Pressure	Temperature Range	Specific Gravity
Permatex® Pneumatic/Hydraulic Sealant	54550	50 ml bottle	Purple	14,000	4 hrs.	-65° to 300°F (-54° to 149°C)	1.02
Permatex® High Performance Thread Sealant	56521 56525 56501	50 ml tube 250 ml tube 1 L bottle	White	300,000	4 hrs.	-65° to 300°F (-54° to 149°C)	1.10
Permatex® High Temperature Thread Sealant	59235 59225 59201	50 ml tube 250 ml tube 1 L bottle	White	350,000	4 hrs.	-65° to 400°F (-54° to 204°C)	1.21
Permatex® Maximum Temperature Thread Sealant	56750 56725 56701	50 ml tube 250 ml tube 1 L bottle	White	300,000	4 hrs.	-65° to 400°F (-54° to 204°C)	1.10
Permatex® Thread Sealant w/Teflon® 14	80632 80633	4 oz. can 16 oz. can	White	55,000	Instant/Non-Curing	-65° to 300°F (-54° to 149°C)	1.12
Permatex® Pipe Joint Compound 51	80045	16 oz. bottle	Black	40,000	Instant/Non-Curing	-65° to 400°F (-54° to 204°C)	1.28

Permatex® High Performance Thread Sealant

Formulated specifically for metal, tapered pipe thread fittings. High Performance Thread Sealant replaces Teflon® tape and pipe dopes. Cures rapidly to withstand 10,000 PSI. Prevents galling and protects mated threaded areas from rust and corrosion. Contains PTFE.

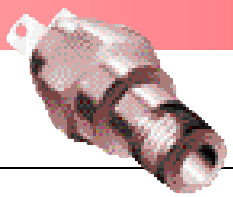
Item #	Container Size	Pack	P/N
56521	50 ml tube, carded	6	56521*
56525	250 ml tube	2	56525
56501	1 L bottle	1	56501

Permatex® High Temperature 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 Teflon® tape. Parts may be repositioned up to 4 hours after application. Contains PTFE. Temperature range from -65°F to 400°F (-54°C to 204°C).

Item #	Container Size	Pack	P/N
59235	50 ml tube, carded	6	59235*
59225	250 ml tube	1	59225
59201	1 L bottle	1	59201

* See page 35 for Canada item #



THREAD SEALANTS

Permatex® Maximum Temperature Thread Sealant

A high performance, solvent resistant sealant that locks and seals metal, tapered pipe threads and fittings. Specifically formulated for aluminum, stainless steel, galvanized metal and other inert metals. Temperature range -65°F to 400°F (-54°C to 204°C). Contains PTFE.

Item #	Container Size	Pack	P/N
56750	50 ml tube, carded	6	56750
56725	250 ml tube	2	56725
56701	1 L bottle	1	56701

Permatex® Thread Sealant with PTFE

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

Item #	Container Size	Pack	P/N
80632	4 oz. can	12	14H*
80633	16 oz. can	12	14D

Permatex® Pneumatic/Hydraulic Sealant

Designed for locking and sealing high pressure hydraulic and pneumatic systems. Contains no fillers or particles which could contaminate system fluids, foul valves, or clog fine filters and screens. Reliably cures on "as received" fasteners and controlled locking strength affords easy disassembly.

Item #	Container Size	Pack	P/N
54550	50 ml bottle	6	54550

Permatex® Pipe Joint Compound

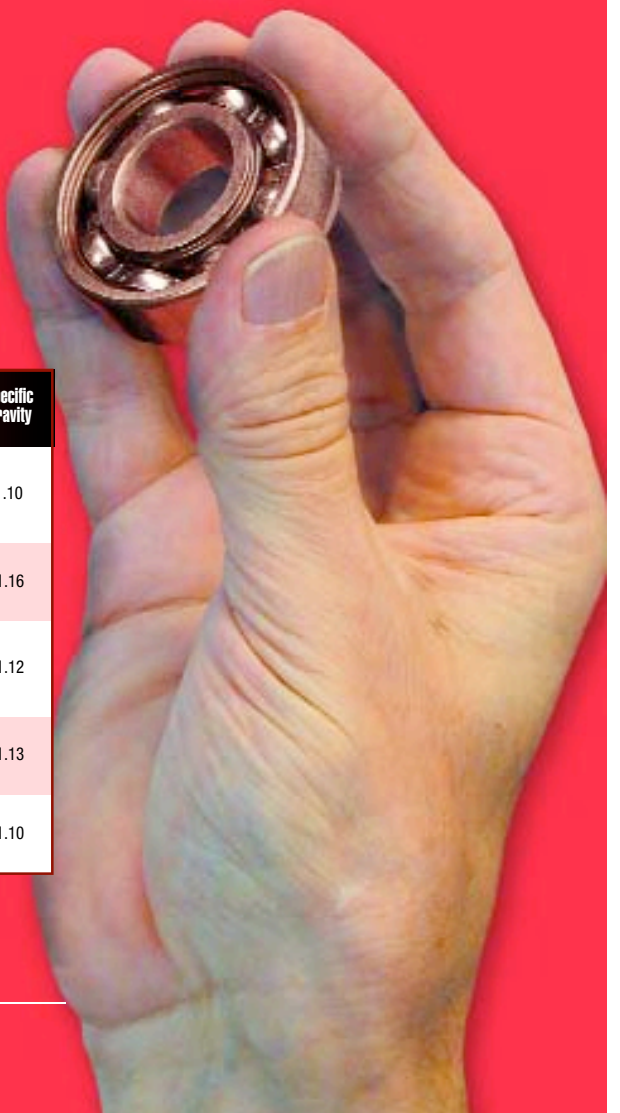
Universal sealant. Lubricates and seals threaded joints on water, oil and fuel lines. Temperature range -65°F to 400°F (-54°C to 204°C); resists common shop fluids.

Item #	Container Size	Pack	P/N
80045	16 oz. bottle	12	51D*

* See page 35 for Canada item #

RETAINING COMPOUNDS

Permatex® Retaining Compounds are designed to **BOND** non-threaded, cylindrical, metal assemblies by filling the voids between close-fitting metal parts. Retaining Compounds **HARDEN** to create a solid, one-piece assembly. Retaining Compounds can be used to lock keyways, **SECURE** splines, augment press fits, and strengthen interference fits. Use them to prevent wear on new components, or **RESTORE** the fit to worn or out-of-tolerance parts. Retaining Compounds **SEAL** joints against leakage and **PREVENT** fretting and corrosion. Formulated in a variety of viscosities, strength characteristics, gap-filling abilities, and temperature ranges, Permatex® Retaining Compounds can solve even the most difficult retaining applications.



Permatex® Retaining Compounds

Product	Item Numbers	Container Size	Color	Max Gap Fill (Diametral)	Viscosity cP	Shear Strength	Temperature Range	Cure - Steel Fixture/Full	Specific Gravity
Permatex® Bearing Mount For Close Fits	60910 60950 60925 60901	10 ml bottle 50 ml bottle 250 ml bottle 1 L bottle	Green	.005”	125	3,000 PSI	-65° to 300°F (-54° to 149°C)	10 min./ 24 hrs.	1.10
Permatex® Maximum Temperature Bearing Mount	62050 62025 62001	50 ml bottle 250 ml bottle 1 L bottle	Green	.015”	8,500	3,800 PSI	-65° to 450°F (-54° to 232°C)	1 hr./ 24 hrs.	1.16
Permatex® High Temperature Sleeve Retainer	64050 64001	50 ml bottle 1 L bottle	Green	.007”	600	3,000 PSI	-65° to 400°F (-54° to 204°C)	1 hr./ 24 hrs.	1.12
Permatex® Bearing Mount For Worn Parts	66050	50 ml tube	Silver	.020”	1,200,000	3,000 PSI	-65° to 300°F (-54° to 149°C)	10 min./ 1-2 hrs.	1.13
Permatex® Bearing Mount For Relaxed Fits	68050 68025 68001	50 ml bottle 250 ml bottle 1 L bottle	Green	.015”	1,250	2,800 PSI	-65° to 300°F (-54° to 149°C)	10 min./ 24 hrs.	1.10

RETAINING COMPOUNDS

Permatex® Bearing Mount for Close Fits

A low viscosity, rapid-curing anaerobic adhesive that augments the strength of press fit assemblies. Prevents fretting and corrosion. Up to 3,000 PSI holding power. Mil-Spec (R-46082B) Type I.

Item #	Container Size	Pack	P/N
60910	10 ml bottle, carded	6	60910
60950	50 ml bottle	6	60950
60925	250 ml bottle	2	60925
60901	1 L bottle	1	60901

Permatex® High Temperature Sleeve Retainer

High temperature (up to 400ºF / 204ºC) anaerobic adhesive that secures slip and press fit assemblies. Up to 3,000 PSI holding power. Restores fit to worn or out-of-tolerance assemblies. Prevents fretting and corrosion. Mil-Spec (R-46082B) Type II

Item #	Container Size	Pack	P/N
64050	50 ml bottle	6	64050

Permatex® Bearing Mount for Relaxed Fits

High strength, medium viscosity anaerobic adhesive for slip fit assemblies. Provides 2,800 PSI shear strength on steel. Prevents fretting and corrosion. Fixture time is 10 minutes at room temperature.

Item #	Container Size	Pack	P/N
68050	50 ml bottle	6	68050
68025	250 ml bottle	2	68025
68001	1 L bottle	1	68001

Permatex® Maximum Temperature Bearing Mount

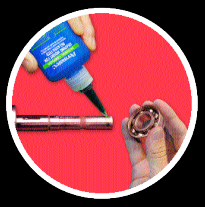
Maximum temperature (up to 450ºF / 232ºC) anaerobic retaining adhesive for close fitting cylindrical joints. Provides excellent resistance after exposure to elevated temperatures.

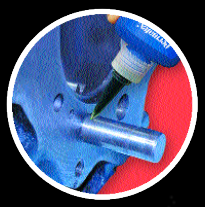
Item #	Container Size	Pack	P/N
62050	50 ml bottle	6	62050
62025	250 ml bottle	2	62025
62001	1 L bottle	1	62001

Permatex® Bearing Mount for Worn Parts

A creamy, non-running gel that can be applied onto cylindrical parts to fill surface imperfections and repair worn areas. It contains no metal, but once assembled, hardens to a strength that often doubles that of a press fit. Use to salvage worn metallic parts or to keep machinery running until new parts arrive. Product remaining outside the joint does not dry, allowing for easy clean up. Use to 300ºF (149ºC). Can bond cylindrical assemblies, particularly where gaps approach 0.50mm.

Item #	Container Size	Pack	P/N
66050	50 ml tube, carded	6	66050





GASKETING

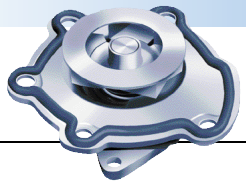
Permatex®, the **LEADER** in form-in-place gasket makers, gasket dressings, and general-purpose sealants for almost a century, has an extensive **SELECTION** of anaerobics, RTV silicones, or solvent-based products to meet your broad gasketing and sealing needs.

Anaerobic Gasket Makers

- Rigid Assemblies
- Designed to eliminate movement
- Gaps up to 0.020”
- High chemical resistance
- Maximum temperature of 400°F

RTV Silicone Gasket Makers

- Instant seal with the Right Stuff®
- Flexible joints
- Use with dissimilar materials
- Gaps up to 0.250”
- Temperatures to 600°F



GASKET MAKERS

Permatex® Gasket Makers

Product	Item Numbers	Color	Gap Fill	Typical Use	Temperature Range	Flange Type	Cure Type	Specific Gravity
Permatex® the Right Stuff® Gasket Maker	25224, 29208, 85224, 33694	Black	0.25"	High adhesion, instant seal	-75° to 450°F (-59° to 232°C), 500°F (260°C) intermittent	Rigid or Flexible	Elastomeric Rubber	1.31
Permatex® Ultra Black® Maximum Oil Resistance Gasket Maker	82180, 82080, 85080, 24105	Metallic Black	0.25"	Increased oil resistance, noncorrosive	-65° to 400°F (-54° to 204°C), 500°F (260°C) intermittent	Rigid or Flexible	Silicone (Oxime)	1.26
Permatex® Ultra Copper® Maximum Temperature RTV Silicone Gasket Maker	81878 85088 82751	Metallic Copper	0.25"	High temperature, noncorrosive	-65° to 600°F (-54° to 316°C), 700°F (371°C) intermittent	Rigid or Flexible	Silicone (Oxime)	1.05
Permatex® Ultra Blue® RTV Silicone Gasket Maker	81724, 85519, 81725	Metallic Blue	0.25"	Increased oil resistance, noncorrosive	-65° to 400°F (-54° to 204°C), 500°F (260°C) intermittent	Rigid or Flexible	Silicone (Oxime)	1.30
Permatex® Ultra Grey® Gasket Maker	82194 85084 82195	Metallic Grey	0.25"	High durometer for more rigid flanges	-65° to 450°F (-54° to 232°C), 500°F (260°C) intermittent	Rigid or Flexible	Silicone (Oxime)	1.50
Permatex® Sensor-Safe Blue RTV Silicone Gasket Maker (6BR)	80022, 81860, 85860, 80628, 80023	Blue	0.25"	General-purpose sealing	-65° to 400°F (-54° to 204°C), 500°F (260°C) intermittent	Rigid or Flexible	Silicone (Acetoxy)	1.30
Permatex® High-Temp Red RTV Silicone Gasket (26BR)	81160, 81915, 85915, 81409	Red	0.25"	High temperature general-purpose sealing	-65° to 600°F (-54° to 316°C), 650°F (343°C) intermittent	Rigid or Flexible	Silicone (Acetoxy)	1.05
Permatex® Sensor-Safe High-Temp RTV Silicone Gasket (27BR)	81422 81686	Orange	0.25"	Oxygen sensor-safe, high temperature	-65° to 600°F (-54° to 316°C), 650°F (343°C) intermittent	Rigid or Flexible	Silicone (Acetoxy)	1.05
Permatex® Anaerobic Flange Sealant	51531 51580	Dark Purple	0.010" (0.050" primed)	For flexible applications	-65° to 300°F (-54° to 149°C)	Rigid	Anaerobic	1.10
Permatex® Anaerobic Gasket Maker	51817 51813 51845	Red	0.010" (0.050" primed)	For all metals including aluminum flanges	-65° to 300°F (-54° to 149°C)	Rigid	Anaerobic	1.13
Permatex® High Temperature Anaerobic Flange Sealant	51031	Red	0.010" (0.020" primed)	High temperature applications, excellent solvent resistance	-65° to 400°F (-54° to 204°C)	Rigid	Anaerobic	1.08

Permatex® the Right Stuff® Gasket Maker

Heavy-bodied, black, elastomeric rubber provides instant seal. Superior flexibility and adhesion accommodates joint movement. Excellent oil and transmission fluid resistance. Noncorrosive. Low odor. Low volatility. Used on OE assembly lines. Temperature range of -75°F to 450°F (-59°C to 232°C) continuous, 500°F (260°C) intermittent.

Item #	Container Size	Pack	P/N
25224	7 oz. Automatic Tube®	6	25224*
85224	7.5 oz. PowerBead™ can	6	85224
29208	5 oz. cartridge	6	29208
33694	10.1 fl. oz. cartridge	6	33694
29247	short caulking gun	6	29247

* See page 35 for Canada item #

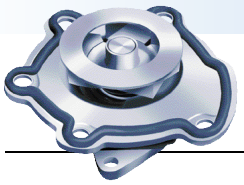
Application Directions

1. Clean and dry parts.
2. Apply a continuous bead of the Right Stuff® to one surface, surrounding all bolt holes.
3. Assemble parts within 5 minutes, tightening bolts to recommended torque levels. Material will fill any surface imperfection. Equipment can be returned to service immediately. No waiting.

* Not for use on parts in contact with gasoline.

Permatex® PowerBead™
the ultimate dispensing system...

- Makes application quick and easy
- Provides smooth flow and bead
- Extended, rigid nozzle gives pinpoint control
- Patented vertically-actuated valve design eliminates clogging
- Product flow can be regulated easily, without finger fatigue
- Permatex branded cushion-grip shows you have chosen the best



Ultra Series

Permatex® UltraBlack® Gasket Maker

Fast-curing formula. Sensor-safe, low odor, noncorrosive. Fills gaps of up to 0.25" when fully cured. Meets performance specs of OE silicone gaskets. Retains high flexibility, oil resistance properties through use of a patented adhesion system. Temperature range -65ºF to 500ºF (-54°C to 260°C) intermittent. Resists common fluids and excessive vibration.

Item #	Container Size	Pack	P/N
82180	3.35 oz. tube, carded	12	82180*
82080	8.75 oz. Automatic Tube®	6	82080
85080	9.5 oz. PowerBead™ can	6	85080
24105	13 oz. cartridge	12	24105*

Permatex® UltraGrey® Gasket Maker

Designed for high torque applications requiring a unique RTV gasket. Fills gaps of up to 0.25" when fully cured. Low odor, noncorrosive. Outstanding oil and coolant resistance. Temperature range -65ºF to 500ºF (-54°C to 260°C) intermittent. Resists common fluids and excessive vibration.

Item #	Container Size	Pack	P/N
82194	3.5 oz. tube, carded	12	82194*
85084	9.5 oz. PowerBead™ can	6	85084
82195	13 oz. cartridge	6	82195

Permatex® UltraCopper® RTV Silicone Gasket Maker

Premium silicone that can withstand operating environments to 700°F (371°C) intermittent. Fills gaps to .25" when fully cured. Superior adhesion. Three times more oil resistant than conventional silicones; eight times more flexible than cut gaskets.

Item #	Container Size	Pack	P/N
81878	3 oz. tube, carded	12	101BR*
85088	8.75 oz. PowerBead™ can	6	85088
82751	300 ml cartridge	6	82751

Permatex® Ultra Blue® RTV Silicone Gasket Maker

Fills gaps up to 0.25" when fully cured. Sensor-safe, low odor, noncorrosive. Outstanding oil resistance and joint movement values. Eight times more flexible than cork/composite gaskets; three times more oil resistant than conventional silicones. Temperature range -65ºF to 500ºF (-54°C to 260°C) intermittent. Resists common fluids and excessive vibration.

Item #	Container Size	Pack	P/N
81724	3.35 oz. tube, carded	12	77BR*
85519	9.5 oz. PowerBead™ can	6	85519
81725	13 oz. cartridge	12	77C*

* See page 35 for Canada item #

GASKET MAKERS

Permatex® Sensor-Safe Blue RTV Silicone Gasket

The original Permatex blue makes reliable "formed-in-place" gaskets that resist shrinking, cracking and migrating. Product cures to a strong, flexible rubber that seals flanges against leakage and resists oil and other shop fluids. Coat pre-cut gaskets to increase reliability. Temperature range -65°F to 500°F (-54°C to 260°C) intermittent. Low volatility. Fills gaps to .25" when fully cured.

Item #	Container Size	Pack	P/N
80022	3 oz. tube, carded	12	6BR*
81860	7.25 oz. Automatic Tube®	6	6MA
85860	7.25 oz. PowerBead™ can	6	85860
80628	11 oz. cartridge	12	6C*
80023	12 oz. tube, boxed	12	6M

Permatex® Sensor-Safe High-Temp RTV Silicone Gasket

Formulated for low volatility and sensor applications, this enhanced version of the original High-Temp Red 26BR creates strong, flexible rubber gaskets that resist cracking, shrinking and migrating caused by thermal cycling. Temperature range of -65°F to 650°F (-54°C to 343°C) intermittent. Fills gaps of up to 0.25" when fully cured.

Item #	Container Size	Pack	P/N
81422	3 oz. tube, carded	12	27BR*
81686	11 oz. cartridge	12	27C*

Permatex® Anaerobic Gasket Maker

Ideal for on-the-spot and emergency repairs, or when a conventional gasket is out of stock. This single component, thixotropic gasket maker cures rapidly for a medium strength, solvent resistant seal that resists temperatures up to 300°F (149°C) and fills gaps to 0.050" (primed). Can be used on a variety of metal surfaces including aluminum. Parts disassemble easily even after extended service.

Item #	Container Size	Pack	P/N
51817	6 ml tube, carded	12	51817*
51813	50 ml tube, carded	6	51813*
51845	300 ml cartridge	10	51845

Permatex® High-Temp Red RTV Silicone Gasket

Formulated for hi-tempapplications. Replaces almost a ny cut gasket by making reliable "formed-in-place" gaskets that resist cracking, shrinking and migrating caused by thermal cycling. Coat pre-cut gaskets to increase reliability. Temperature range -65ºF to 650ºF (-54°C to 343°C) intermittent. Fills gaps to 0.25" when fully cured. MIL-A-46106 B

Item #	Container Size	Pack	P/N
81160	3 oz. tube, carded	12	26BR*
81915	7.25 oz. Automatic Tube®	12	81915
85915	7.25 oz. PowerBead™ can	6	85915
81409	11 oz. cartridge	12	26C*

Permatex® High Temperature Anaerobic Flange Sealant

A high temperature sealant specially engineered for making or dressing gaskets in rigid assemblies. Able to withstand temperatures to 400°F (204°C), fills gaps up to 0.020" (primed) and permits clamping loads to be maintained for strong, leakproof assemblies.

Item #	Container Size	Pack	P/N
51031	50 ml tube	10	51031

Permatex® Anaerobic Flange Sealant

Flexible gasketing material ideal for use on rigid, machined flanges. Withstands temperatures to 300°F (149°C). Fills gap of 0.050" (primed) and eliminates the need for preformed gaskets. Ideal for flanges that move in service.

Item #	Container Size	Pack	P/N
51531	50 ml tube	10	51531*
51580	300 ml cartridge	10	51580

GASKET REMOVERS

Permatex® Gasket Remover

Removes gaskets from any type of assembly in 10 to 12 minutes. Prepares metal parts for new gasket maker and assembly. Reduces scraping and sanding of baked on gaskets. Prevents damage to flanges. Level 2 ▲

Item #	Container Size	Pack	P/N
80646	16 oz. aerosol can, 12 oz. net wt.	12	4MA*

* See page 35 for Canada item #

GASKET SEALANTS

Permatex® Form-A-Gasket® No. 1 Sealant

Reliable paste-like gasket sealant/dressing/coating. Form-A-Gasket No. 1 sets quickly. Recommended for rigid, permanent assemblies. Use to 400°F (204°C). Resistant to gasoline and other solvents. Conforms to MIL-S-45180 D, Type I.

Item #	Container Size	Pack	P/N
80008	3 oz. tube, carded	12	1BR*
80003	11 oz. tube, boxed	12	1C

Permatex® Form-A-Gasket® No. 2 Sealant

Reliable paste-like gasket sealant/dressing/coating. Form-A-Gasket No. 2 sets more slowly to a pliable film best suited for non-rigid, vibrating assemblies. Use to 400°F (204°C). Resistant to gasoline and other solvents. Conforms to MIL-S-45180 D, Type II.

Item #	Container Size	Pack	P/N
80015	1.5 oz. tube, carded	12	2AR*
80016	3 oz. tube, carded	12	2BR*
80011	11 oz. tube, boxed	12	2C*

Permatex® Aviation Form-A-Gasket® No. 3 Sealant

Non-hardening liquid gasket sealant/dressing/coating is a thin, brushable dressing or sealer for close-fitting parts. Suitable for continuous temperatures to 400°F (204°C). Resistant to antifreeze, aviation fuels, high-detergent oils and lubricants. Conforms to MIL-S-45180 D, Type III.

Item #	Container Size	Pack	P/N
80019	4 oz. bottle	12	3H*
80017	16 oz. bottle	12	3D*

Permatex® 1372 High Temperature Form-A-Gasket® Sealant

Slow-setting, non-hardening, high temperature sealant. Especially recommended for heavy-duty applications. Temperature range -65°F (-54°C) to 600°F (315°C) intermittent. Resists common shop fluids.

Item #	Container Size	Pack	P/N
80088	7 fl. oz. tube, boxed	12	80088

Permatex® High Tack™ Gasket Sealant

Red colored, all-purpose sealant that holds even the heaviest of gaskets in place during assembly. Seals and bonds rubber, cork, paper, felt, and metal gaskets. Sets quickly to a very tacky film. Suitable to 500°F (260°C). Contains no ozone-depleting compounds. Resists gasoline, oil, kerosene, propane and butane.

Item #	Container Size	Pack	P/N
80063	16 oz. brush-top can	12	98D

Permatex® High Tack™ Spray-A-Gasket® Sealant

Red colored, all-purpose sealant that holds even the heaviest of gaskets in place during assembly. Seals and bonds rubber, cork, paper, felt, and metal gaskets. Sets quickly to a very tacky film. Suitable to 500°F (260°C). Contains no ozone-depleting compounds. Resists gasoline, oil, kerosene, propane and butane. Level 3 ▲

Item #	Container Size	Pack	P/N
80065	12 oz. aerosol can, 9 oz. net wt.	12	99MA*

▲ NFPA Fire Code 30B

* See page 35 for Canada item #

ADHESIVES & SEALANTS

Instant Adhesives — Super Glues

From a world **LEADER** in cyanoacrylate (or super glue) technology comes a complete line of adhesives designed to cover the vast majority of common repairs and materials. Permatex offers a wide range of **INSTANT** adhesives to meet your many needs.

Silicones

When **FLEXIBLE** bonds are required, Permatex® high temperature silicones are the right choice.

Specialty Adhesives

Permatex® specialty adhesives **OFFER** ideal solutions for many bonding jobs. These products make a more **COMPREHENSIVE** adhesive set, while the tried and true formulas guarantee customer satisfaction.

INSTANT ADHESIVES

Permatex® General Purpose Instant Adhesives

Product	Item Number	Container Size	Typical Use	Color	Gap Fill	Category	Viscosity cP	(Strength psi)* Tensile Shear	Temperature Range	Cure Speed
E1500	41650 41661	1 oz. bottle 1 lb. bottle	General Purpose	Clear	.008"	General Purpose Ethyl	1,500	3,200	-65° to 180°F (-54° to 82°C)	30 Sec. Fixture/ 24 Hr. Cure
E2500	42261	1 lb. bottle	General Purpose	Clear	.008"	General Purpose Ethyl	2,500	3,200	-65° to 180°F (-54° to 82°C)	30 Sec. Fixture/ 24 Hr. Cure

Permatex® Surface Insensitive Instant Adhesives

Product	Item Number	Container Size	Typical Use	Color	Gap Fill	Category	Viscosity cP	(Strength psi)* Tensile Shear	Temperature Range	Cure Speed
SE40	49550** 49561**	1 oz. bottle 1 lb. bottle	General Purpose	Clear	.004"	General Purpose Ethyl	40	2,600	-65° to 180°F (-54° to 82°C)	15-30 Seconds
SE100	40140 40161	20 g bottle 1 lb. bottle	General Purpose	Clear	.004"	General Purpose Ethyl	100	3,200	-65° to 180°F (-54° to 82°C)	5-20 Seconds
SM100	49650***	1 oz. bottle	General Purpose Rubber Bonder	Clear	.006"	General Purpose Methyl	100	3,450	-65° to 180°F (-54° to 82°C)	20-40 Seconds
SEG	45440	20 g tube	General Purpose Gel Adhesive	Clear	.010"	General Purpose Ethyl	Gel	3,100	-65° to 180°F (-54° to 82°C)	5-30 Seconds

Permatex® Toughened Instant Adhesives

Product	Item Number	Container Size	Typical Use	Color	Gap Fill	Category	Viscosity cP	(Strength psi)* Tensile Shear	Temperature Range	Cure Speed
TE3500	41040	20 g bottle	Gap Filling and Impact Resistant	Black	.008"	Toughened Ethyl	3,500	3,200	-65° to 225°F (-54° to 107°C)	16-120 Seconds
TEG	42640	20 g tube	Gap Filling and Impact Resistant	Black	.010"	Toughened Ethyl	Gel	3,200	-65° to 210°F (-54° to 99°C)	16-120 Seconds

Permatex® Instant Adhesives

Product	Item Number	Container Size	Typical Use	Color	Gap Fill	Category	Viscosity cP	(Strength psi)* Tensile Shear	Temperature Range	Cure Speed
Permatex® O-Ring & Rubber Bonding Adhesive	40413	1/3 oz. bottle	Rubber O-Ring Bonder	Clear	.005"	General Purpose Ethyl	40	2,600	-65° to 180°F (-54° to 82°C)	15-30 Seconds

* Grit blasted steel

**Commercial Item Standard A-A-3097 Type II Class 1

***Commercial Item Standard A-A-3097 Type I Class 2

GENERAL PURPOSE INSTANT ADHESIVES

General Purpose Instant Adhesives

Industrial-grade, instant adhesives that have been formulated to bond rubber, metal and plastic parts with gaps up to .008". Available in a variety of viscosities to best meet your specific applications needs. Temperature range: -65°F to 180°F (-54°C to 82°C).

Item #	Container Size	Pack	P/N
41650	1 oz. bottle	10	E1500
41661	1 lb bottle	1	E1500
42261	1 lb bottle	1	E2500

SURFACE INSENSITIVE INSTANT ADHESIVES

Surface Insensitive Instant Adhesives

Surface insensitive instant adhesives that have been formulated for difficult-to-bond surfaces. Provides fast cure times on dry or acidic surfaces and substrates. Available in a variety of viscosities, cure speeds and gap-filling capabilities. Temperature range: -65°F to 180°F (-54°C to 82°C).

Item #	Container Size	Pack	P/N
49550	1 oz. bottle	10	SE40
49561	1 lb bottle	1	SE40
40140	20 g bottle	6	SE100
40161	1 lb bottle	1	SE100
49650	1 oz. bottle	10	SM100
45440	20 g tube	1	SEG

TOUGHENED INSTANT ADHESIVES

Toughened Instant Adhesives

Rubber toughened, ethyl cyanoacrylates that offer excellent resistance to peel and shock loads at elevated temperatures. Bonds metal, rubber and plastic substrates. Temperature range: -65°F to 225°F (-54°C to 107°C).

Item #	Container Size	Pack	P/N
41040	20 g bottle	6	TE3500
42640	20 g tube	6	TEG

INSTANT ADHESIVES

Permatex® O-Ring & Rubber Bonding Adhesive

This fast curing (30 second fixture) single component ethyl cyanoacrylate is designed specifically to bond O-rings along with other rubber and plastic substrates. Temperature range: -65°F to 180°F (-54°C to 82°C).

Item #	Container Size	Pack	P/N
40413	1/3 oz. bottle	6	40413

ACCELERATOR

Permatex® Instant Adhesive Accelerator

A clear/amber acetone based accelerator that provides excellent cleaning properties, and quickens the cure speed of all Permatex instant adhesives.

Item #	Container Size	Pack	P/N
18580	2 fl. oz. pump spray bottle	10	18580

SILICONES & SPECIALTY ADHESIVES

Permatex® Clear RTV Silicone Adhesive Sealant

General-purpose, clear RTV sealant. Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl, weather stripping and vinyl tops. May be applied to horizontal or vertical surfaces. Waterproof and flexible. Temperature range -75ºF to 400ºF (-59°C to 204°C); resists oil, water, weather, vibration, grease, and more. Non-paintable. Mil-A-46106B Type I

Item #	Container Size	Pack	P/N
80050	3 oz. tube, carded	12	66BR*
81913	7.25 oz. Automatic Tube®	12	81913
85913	7.25 oz. PowerBead™ can	6	85913
80855	11 oz. cartridge	12	66C*

Permatex® Fast Cure Epoxy

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

P/N	Container Size	Pack	Item #
21425	10 - 4 g mixer cups	10	21425*

Permatex® Black Super Weatherstrip Adhesive

A professional, black weatherstrip adhesive that blends with black weather stripping for less clean-up. Withstands temperature extremes. Resistant to gasoline, kerosene, antifreeze and most solvents. Permanently bonds all weather stripping. A superior adhesive for bonding a variety of common materials.

Item #	Container Size	Pack	P/N
81850	5 fl. oz. tube, boxed	12	82*

Permatex® All Purpose Spray Adhesive

Dries clear with superior bonding strength. For permanent or repositionable applications. Unique formula resists water and humidity. Applications include porous and non-porous materials. Level 3 ▲

Item #	Container Size	Pack	P/N
82019	16 oz. aerosol can, 10.5 oz. net wt.	12	118DA

Permatex® Black Silicone Adhesive Sealant

General-purpose, black RTV sealant. Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl, weather stripping and vinyl tops. May be applied to horizontal or vertical surfaces. Waterproof and flexible. Temperature range -75ºF to 450ºF (-59°C to 232°C); resists oil, water, weather, vibration, grease, and more. Non-paintable. Mil-A-46106B Type I

Item #	Container Size	Pack	P/N
81158	3 oz. tube, carded	12	16BR*
81173	11 oz. cartridge	12	16C*

Permatex® O-Ring Splicing Kit

Makes custom O-rings on the spot. Eliminates the need to disassemble parts and components. Includes adhesive waterproofing solution, clean-up solvent, cutting blade, splicing fixture and 12 ft. of Buna-N cord stock.

Item #	Container Size	Pack	P/N
00112	1 boxed kit	5	00112

Permatex® Super Weatherstrip Adhesive

A professional, high strength weatherstrip adhesive ideal for bonding a variety of common materials. Permanently bonds weatherstrip and a variety of neoprene and other materials. Withstands temperature extremes. Waterproof. Resists gasoline, antifreeze, kerosene, and most solvents.

Item #	Container Size	Pack	P/N
81731	5 fl. oz. tube, boxed	12	80*

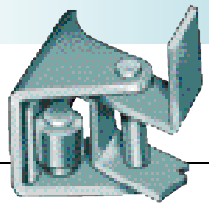
* See page 35 for Canada item #

ANTI-SEIZE

Permatex® Anti-Seize Compounds **PROTECT** mated metal parts against in-service rusting, corrosion, friction, and galling. Made to serve the demanding needs of even the most severe **INDUSTRIAL ENVIRONMENTS**. They **REDUCE** wrench torque and ease assembly and disassembly of threaded, slip-fit, and press-fit connections. Depend on Permatex® Anti-Seizes to reduce friction and wear, even at temperatures up to 2400°F (1316°C).

Permatex® Anti-Seize Lubricant

- Withstands high temps
- Prevents seizing and galling
- Ensures easy disassembly
- Prevents corrosion



ANTI-SEIZE

Permatex® Anti-Seize Lubricant

A heavy duty blend of aluminum, copper and graphite lubricants in a petroleum base. Use during assembly to prevent galling, corrosion and seizing and to assure easier disassembly. Inert, will not evaporate or harden in extreme temperatures. Salt, corrosion and moisture resistant. Temperature range -60°F to 1600°F (-51°C to 871°C). Non-aerosol version meets Mil Spec A-907. Level 3 ▲ (aerosol)

Item #	Container Size	Pack	P/N
09175	5 g pouch, display boxed	36	09175*
81343	1 oz. carded tube	12	133AR
80071	4 oz. brush-top bottle	12	80071*
80078	8 oz. brush-top bottle	12	133K
81464	12 oz. aerosol can, 8.5 oz. net wt.	12	133MA
80208	16 oz. brush-top bottle	12	767*
80206	1 gallon pail	4	80206

Permatex® Nickel Anti-Seize Lubricant

Protects metal parts from seizing and galling at temperatures up to 2400°F (1316°C). Copper-free, use under conditions of extreme pressure and temperature, and with stainless steel, titanium and nickel alloys.

Item #	Container Size	Pack	P/N
77124	8 oz. brush-top bottle	12	771
77164	16 oz. brush-top bottle	10	771

Permatex® Copper Anti-Seize Lubricant

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°C to 982°C). Provides good electrical conductivity. Meets Mil Spec A-907.

Item #	Container Size	Pack	P/N
09128	8 oz. brush-top bottle	6	09128*
31163	16 oz. brush-top bottle	12	31163*

Permatex® Food Grade Anti-Seize Lubricant

NSF REGISTERED

A non-drying, non-metallic, PTFE fortified synthetic-based lubricant that is NSF registered H1, and Kosher approved. Protects metal parts from rust, corrosion, seizing and galling up to 900°F (482°C). Use on threaded connections to lubricate, seal and prevent galling, wear and friction. Also lubricates machine parts, press fits, shafts, and more. Effective on stainless steel, aluminum, iron, galvanized copper, brass, plastic and fiberglass.

Item #	Container Size	Pack	P/N
82448	8 oz. brush-top bottle	12	82448

▲ NFPA Fire Code 30B

* See page 35 for Canada item #

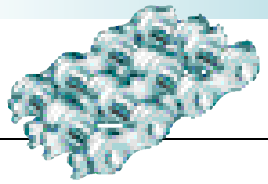
LUBRICANTS

Permatex® lubricants work to protect and **LUBRICATE** a wide array of parts and components.

Permatex® lubricants and penetrants are formulated to be the **BEST** available. Whether it's a general-purpose lubricant, a heavy-duty penetrant, or a job-specific dressing or lube; **QUALITY** and **PERFORMANCE** are guaranteed.

Permatex® Ultra Slick™ Multi-Purpose Synthetic Lubricant

- Safe on metal, rubber, plastic, wood, leather, fabric & painted surfaces
- Great for high pressure & load bearing applications
- An excellent dielectric grease...lubricates and seals electronic and electrical components
- Reduces inventories and eliminate multi-product confusion



LUBRICANTS

Permatex® Ultra Slick™ Synthetic Multi-Purpose Lubricant with PTFE

With 4 times the lubrication of ordinary petroleum-based greases, this premium NLGI #2 grease withstands temperatures from -45°F to 350°F(-42°C to 177°C), 450°F (232°C) intermittent. Contains PTFE for added protection against friction and wear. Nonflammable in grease form. Contains no ODCs. Completely translucent product will not stain equipment or fabric and resists dirt buildup. Convenient packaging for any size job. Aerosol formulation allows for wicking of grease into hard to reach areas and joints. The changing viscosity formula sprays as a liquid and sets up as a solid grease.

Item #	Container Size	Pack	P/N
81946	3 oz. tube	12	81946
81943	12 oz. aerosol can, 11 oz. net. wt.	6	81943
81944	14 oz. cartridge	10	81944
81945	1 lb tub	6	81945

Permatex® Dielectric Tune-Up Grease

Protects electrical connections and wiring from salt, dirt and corrosion. Extends the life of bulb sockets. Prevents voltage leakage around any electrical connection. Also prevents spark plugs from fusing to boots. Required for modern high energy ignition systems.

Item #	Container Size	Pack	P/N
09180	5 g pouch, boxed	36	09180*
22058	3 oz. tube, carded	6	22058*

▲ NFPA Fire Code 30B
* See page 35 for Canada item #

Permatex® Fast Break® Super Penetrant

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. Level 3 ▲

Item #	Container Size	Pack	P/N
80052	16 oz. aerosol can, 12 oz. net wt.	12	68DA

Permatex® White Lithium Grease

All-purpose, white, lubricating grease for metal-to-metal and metal-to-plastic applications. Provides corrosion protection. Contains no ODCs. Withstands moisture and high heat. Level 3 ▲

Item #	Container Size	Pack	P/N
81981	16 oz. aerosol can, 10.75 oz. net wt.	12	195DA

Permatex® 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. Level 1 ▲

Item #	Container Size	Pack	P/N
80073	16 oz. aerosol can, 12 oz. net wt.	12	120DA*

Permatex® Silicone Spray Lubricant

Lubricates and waterproofs all types of mechanical equipment. Stops friction and squeaks. High silicone formula does not attract dust or dirt. Prevents binding, sticking and deterioration. Non-gumming. Will not mar paint, rubber or plastic surfaces. Waterproofs and electrically insulates. Level 1 ▲

Item #	Container Size	Pack	P/N
80070	16 oz. aerosol can, 10.25 oz. net wt.	12	116DA

Permatex® Chain Lube

Cleans, lubricates, extends life and protects all types of roller chains, gears and cables that operate under exposed conditions. Easy-to-apply foaming action assures effective application. Repels dirt, sand, dust. Minimal "throw– off". Contains no ODC's. Level 3 ▲

Item #	Container Size	Pack	P/N
80075	6 oz. aerosol can, 5 oz. net wt.	12	122GA

CLEANERS

Permatex® offers **APPLICATION-SPECIFIC** cleaners and degreasers to meet your needs.

CLEANERS

Permatex® Electrical Contact Cleaner

Ideal for removing grease, oil and other surface contaminants from sensitive electrical and electronic parts to prevent contact failure. This nonflammable, nonconductive and noncorrosive cleaner dries without streaking with no rinsing required. Contains no harmful ozone-depleting HCFC's and is safe on all metal surfaces and many plastics. Level 1 ▲

Item #	Container Size	Pack	P/N
24378	16 oz. aerosol can, 15 oz. net wt.	12	24378

Permatex® Enviro-safe® ODC-Free Cleaner/Degreaser

A non-aqueous, hydrocarbon-based solvent designed for general-purpose industrial cleaning. Safe on most materials including aluminum, rubber and most plastics. Effective on lubricating oils and greases. Will not cause flash rusting on water-sensitive parts. Dries residue free. Contains no ozone-depleting compounds. Level 3 ▲

Item #	Container Size	Pack	P/N
22355	20 oz. aerosol can, 15 oz. net wt.	12	22355

Permatex® Pro-Strength Brake & Parts Cleaner

Aggressively penetrates, dissolves, and removes oil, grease, brake fluid. Dries fast with no residue. Contains no ODCs. ***"Not for sale in California"***. Level 1 ▲

Item #	Container Size	Pack	P/N
82606	20 oz. aerosol can, 19 oz. net wt.	12	82606*

Permatex® Non-Chlorinated Brake & Parts Cleaner

Penetrates, dissolves and removes dirt and oil from brake systems and metal parts. Safer for aluminum. Leaves no contaminant-attracting residue or chlorinated solvent run-off. Helps manage EPA halide limits. Level 3 ▲

Item #	Container Size	Pack	P/N
82220	20 oz. aerosol can, 14.5 oz. net wt.	12	82220

Permatex® Plastic Cleaner

A white, creamy liquid for deaning and polishing acrylic and other plastic surfaces. Adds new life to plastics, fiberglass, Formica®, acrylics and glass without scratching. Removes dirt, grease and stains. Forms a water repellent, anti-static shield which resists fogging. Cleans and polishes enameled surfaces, ceramics and stainless steel. Contains no ozone depleting compounds. Conforms to federal specifications P-P 560 Type I.

Item #	Container Size	Pack	P/N
80183	16 fl. oz. spout-top can	12	403D

SPECIALTY MAINTENANCE

Permatex® Rust Treatment

Provides one-step rust treatment that destroys old rust, prevents new rust. Just brush or spray it on. Within minutes, rust disappears and a durable black polymer coating develops. Contains a tough protective primer that protects the metal surface until it is painted.
Aerosol - Level 2 ▲

Item #	Container Size	Pack	P/N
75448	1 gallon bottle	4	75448

Permatex® Prussian Blue

Aids precision fitting of machined surfaces. Locates high spots on bearings, valves and other close-to-tolerance components. Non-drying. Easy cleanup.

Item #	Container Size	Pack	P/N
80038	.75 fl. oz. tube	36	35V*

Permatex® Heavy Duty Rubberized Undercoating

Now with an improved formula! Rubberized for maximum durability; seals, protects and insulates. Excellent professional blend all-purpose coating. Level 3 ▲

Item #	Container Size	Pack	P/N
81833	20 oz. aerosol can, 16 oz. net. wt.	12	135EA

▲ NFPA Fire Code 30B
* See page 35 for Canada item #

HAND CLEANERS

You need a **WATERLESS** hand cleaner that really cleans – without turning your hands into sandpaper. You need the strength to remove grease, grime, paint, adhesives and all other soils your working hands get into – plus **CONDITIONERS** to prevent your hands from cracking and drying out.

Permatex® hand cleaners are the **CHOICE** of working hands. For over 50 years, Permatex® has offered high-quality hand cleaners and has maintained a leadership position through **INNOVATION** and a concern for users' needs.

Wherever hands are getting dirty, there's a place for Permatex® hand cleaners. To meet your growing needs, Permatex® offers a broad **SELECTION** of product formulations and sizes.

HAND CLEANERS

Permatex® Fast Orange® Pumice and Smooth Lotion Hand Cleaner

Industrial grade, biodegradable❖, waterless, petroleum solvent-free hand cleaner. It contains no harsh chemicals, mineral oils or ammonia that can sting cuts and abrasions. Pure, fresh-smelling natural citrus power does the cleaning while aloe, lanolin, glycerin and jojoba condition and protect skin. Fast Orange® gently deep cleans the toughest dirt and grease.

PUMICE LOTION

Item #	Container Size	Pack	P/N
25108	7.5 fl. oz. bottle	12	25-108*
25116	15 fl. oz. squeeze bottle	12	25-116*
25217	1/2 gallon bottle w/pump	6	25-217*
25218	1 gallon bottle w/pump	4	25-218*
25104†	1 gallon flat-top bottle	4	25-104*

SMOOTH LOTION

Item #	Container Size	Pack	P/N
23108	7.5 fl. oz. bottle	12	23-108*
23116	15 fl. oz. squeeze bottle	12	23-116*
23217	1/2 gallon bottle w/pump	6	23-217*
23218	1 gallon bottle w/pump	4	23-218*
23104†	1 gallon flat-top bottle	4	23-104*

Permatex® Fast Orange® Cream Formula Hand Cleaner

A cream version of the #1 selling Fast Orange® Lotion Hand Cleaner. Pure, fresh-smelling, natural citrus power cleans deep down to remove even the most stubborn grease and grime. Readily biodegradable, non-toxic and petroleum solvent-free, Fast Orange® Cream was formulated for those who prefer a thicker consistency hand cleaner. Fortified with premium skin conditioners.

Item #	Container Size	Pack	P/N
35406†	pumice, 4.5 lb. container	6	35-406*

Permatex® Fast Orange® Hand Cleaner Wipes

Fast Orange® Hand Cleaner Wipes remove the toughest grease, tar, grime, ink, paints, sealants, adhesives and other difficult soils. Each pre-moistened wipe has a textured surface on one side that is ideal for cleaning heavy-duty soils from hands, tools and work areas. The wipes also have a smooth side for general purpose cleaning.

Item #	Container Size	Pack	P/N
25072	72-count bucket	6	25072

❖ Biodegradable according to 40 CFR 796.3240.
† For use with 95140 Universal Dispenser.

* See page 35 for Canada item #

DL® Permatex® Blue Label™ Cream Hand Cleaner

Cream formula waterless hand cleaner. Takes off many difficult to remove substances yet is gentle to hands. Does not leave a greasy feeling after use. The 4.5 lb. can fits most dispensers including DL® Permatex® 95140. Cited by a leading consumer magazine as the best-performing waterless hand cleaner.

Item #	Container Size	Pack	P/N
01013	14 oz. plastic tub	12	01-013*
01406†	4.5 lb. plastic tub	6	01-406*

Parr® Painter's Clean™ Hand Cleaner

A safer alternative to harsh, drying and potentially toxic solvents and thinners. Fortified with four premium skin conditioners, this freshly-scented, fine pumice formula quickly removes the toughest paints, stains and varnishes. Readily biodegradable**, nontoxic and nonflammable, Painter's Clean™ Hand Cleaner has the muscle to clean where most hand cleaners fall short.

Item #	Container Size	Pack	P/N
65116	15 fl. oz. bottle w/nail brush	6	65-116*
65217	60 fl. oz. w/pump	4	65-217*

** Biodegradable according to 40 CFR 796.3240.

DL® Permatex® Trounce® Lotion and Hand Cleaner

Pleasantly scented with fine ground pumice for deep scrubbing to remove the most difficult soils. This fast-acting formula won't irritate hands or leave a greasy residue. Professional strength.

Item #	Container Size	Pack	P/N
21218	1 gallon bottle w/pump, lotion	4	21-218*

GLOVES

Permatex® Disposable Nitrile Gloves

Permatex® Nitrile Disposable Gloves are made from a 100% synthetic rubber that provides superior resistance to a wide range of solvents and hazardous chemicals.✢ Suitable for users with natural rubber latex sensitivity. They are fully textured to provide a secure grip on dirty parts and tools. Gloves are lightly powdered, which makes them easier to put on and take off. When superior chemical resistance is required, Nitrile Disposable Gloves provide users with ideal heavy-duty hand protection.

Item #	Container Size	Pack	P/N
09185	100-ct. Box – Large	10 boxes	09185
09186	100-ct. Box – X-Large	10 boxes	09186

Universal Dispenser

The 95140 Universal dispenser allows for metered use of all Permatex® Hand Cleaners in the professional size containers noted with an †. Consistently controls the amount of hand cleaner dispensed, cutting down on unnecessary waste. Designed to offer years of trouble-free, repeated use.

Item #	Container Size	Pack	P/N
95140	universal dispenser	1	95-140

Wall-Mounted Wire Bracket

Convenient wall-mounted wire bracket for out-of-the-way storage of your favorite gallon of Permatex® hand cleaner.

Item #	Pack	P/N
90128	1	90128

† For use with 95140 Universal Dispenser.

Permatex® Brush-Up™ Bottle with Nail Brush

Nail brush features multi-level bristles, a nail scraper and easy-to-grip ridged sides. Nail brushe available on 15 oz. Brush-Up™ bottles of Painter's Clean™ (# 65116).

* See page 35 for Canada item #

✢ This product is not intended to protect against all chemical compounds.

BY PRODUCT NAME

THREADLOCKERS

Permatex® Activator T 9
Permatex® High Strength Threadlocker RED 8
Permatex® High Strength Threadlocker RED Gel 6
Permatex® High Temperature Threadlocker RED 8
Permatex® Large Diameter Threadlocker RED 8
Permatex® Low Strength Threadlocker PURPLE 7
Permatex® Medium Strength Threadlocker BLUE 7
Permatex® Medium Strength Threadlocker BLUE Gel 6
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01406	20835	Blue Label Cream HC 2kg tub
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09175	31875	Counterman's Anti-Seize 5 gm pouch
09180	31880	Dielectric Grease 5 gm pouch
21218	20849	Trounce HC Lotion 3.78 L bottle
21425	21431	Epoxy Mixer Cups 4 gm
22056	22064	Dielectric Grease 85 gm tube
23104	20850	Fast Orange Smooth HC 3.78 L flat top
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23116	20853	Fast Orange Smooth HC 440 ml bottle
23217	25520	Fast Orange Smooth HC 1.89 L bottle
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24010	24215	Blue Gel Twist 10 gm
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25104	20856	Fast Orange Pumice HC 3.78 L flat top
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25224	26015	the Right Stuff 198 gm aerosol
27010	27115	Red Gel Twist 10 gm
31163	09124	Copper Anti-Seize 453 gm bottle
35406	20865	Fast Orange Cream HC 2 kg tub
51531	17369	Flange Sealant 50 ml tube
51813	19550	Anaerobic Gasket Maker 50 ml tube
51817	19549	Anaerobic Gasket Maker 6 ml tube
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80015	81348	Form-A-Gasket #2 30 ml tube
80016	80500	Form-A-Gasket #2 80 ml tube
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80019	80501	Form-A-Gasket #3 118 ml bottle
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80050	80533	Clear RTV Silicone 80 ml tube
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80071	80558	Anti-Seize 113 gm can
80073	80552	Belt Dressing 340 gm aerosol
80208	17511	Anti-Seize 454 gm bottle
80628	80580	Blue RTV Silicone 300 ml cartridge
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81850	26835	Weatherstrip Adhesive 147 ml tube
81878	17914	Ultra Copper 85 gm tube
82180	82315	Ultra Black 96 gm tube
82194	18572	Ultra Grey 80 ml tube
82606	29214	Pro Strength B&P Cleaner 538 gm aerosol

NOTES

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0508-188/PX-0131C