

MADE FOR THE PROFESSIONAL®

Permatex®

Product Catalog

Gasketing
Threadlockers
Thread Sealants
Retaining Compounds
Adhesives & Sealants
Specialized
Maintenance & Repair
Lubricants
Cleaners
Maintenance &
Performance Additives
Appearance Products
Hand Cleaners
Hand Protection

2008 Edition



www.permatex.com

Our History *Since 1909...*

In the beginning...the first Permatex product was a shellac designed to bond bicycle tires to their rims. Constant A. Benoit Sr., founder of the Permatex Company, enjoyed going to car races in his spare time. In 1915, Mr. Benoit attended a 24-hour endurance race at the Sheepshead Bay track near his Brooklyn, New York laboratory. He observed that many of the cars were forced to make frequent pit stops to replace blown cylinder head gaskets.

The mechanic for driver Ralph DePalma's car sought Mr. Benoit's help after DePalma's car blew its head gasket for the fourth time. Mr. Benoit applied some of his experimental gasket cement and the DePalma car drove the rest of the 24-hour race without any further gasket problems. On that day, Permatex entered the automotive maintenance chemicals business. The Permatex Company became one of the early leaders in using professional auto racing to prove product performance and to promote sales.



In 1936, American stock-car driver Bill France, Sr., assembled a racing engine using only Permatex® Form-A-Gasket® products. Later, Milt Marion won the first race at the Daytona Beach Road Course with car number 23. Later, the "Permatex 300"



NASCAR race at the Daytona International Speedway became one of America's premier racing events. In the mid 1970's,

NASCAR superstar Bobby Allison built a late model Chevrolet sportsman engine entirely with Permatex brand threadlockers. The car, built without a single cut gasket or lock washer, ran 300 miles at Talladega Motor Speedway.

Constant Benoit died in 1950 and his son Pete took over the Permatex Company. Pete shifted the company's manufacturing plant from Brooklyn, New York to Kansas City in 1954 - to take advantage of a more central shipping location.

Later, Pete Benoit preferring Florida's sunny climate, moved the company headquarters to West Palm

Beach in 1962. Soon the Permatex Company built a 12,000 square foot corporate and international sales office in West Palm Beach.

The Permatex product line was expanded and the company continued to prosper. In 1972, the Permatex Company was sold to Loctite Corporation. The business was moved to Cleveland, Ohio and integrated with the Woodhill Chemical Company. In the late 1970's, Woodhill Permatex launched Permatex® Blue Silicone which went on to become the largest selling blister carded chemical item in the American auto parts business. In August 1980, the Woodhill Permatex division moved to a brand new 175,000 square foot facility with over 100 employees.



In February 1990, DL Banite, Inc., America's oldest manufacturer of waterless hand cleaners became a part of the Permatex line. Later that year, Permatex launched Fast Orange® citrus hand cleaners, a staple of the Permatex product line and a standard of the emerging citrus hand cleaner industry.

Permatex was purchased by a group of private investors in 1999. As a private company in 2000, Permatex introduced an unprecedented fifty new products, acquired the No Touch® tire care line, bought the Loctite Mexican Hardware Business, and purchased the NOS® (Nitrous Oxide Systems) fuel additive and treatment product line.

NO TOUCH



In January of 2001 Permatex finalized the acquisition of the Permatex International Business from Loctite. In 2002, Permatex re-entered the industrial market with a broad range of products including its proprietary waterless hand cleaners; silicone-based sealant and gasketing materials, anaerobic adhesives, epoxies, lubricants and other specialty chemicals.

In December of 2004 Permatex was acquired by ITW (Illinois Tool Works Inc.), a NYSE listed US based corporation. ITW was founded in 1912 and is a Fortune 200 diversified manufacturing company with more than a 90 year history. ITW's decentralized business units in 49 countries employ 50,000 people focused on creating value-added products and innovative customer solutions.

As a part of ITW's Performance Polymers Group, Permatex continues its commitment to be an innovator and leader in adhesives, sealants and automotive aftermarket maintenance products.



Table of Contents

A Word From Permatex

Since 1909, quality Permatex® products have been used in workshops, garages, and at racetracks around the world. Permatex continues to thrive and expand with exciting new and innovative products.

Behind these products is the understanding that your needs are our primary concern. Our resources and people are organized to satisfy those needs. It is a market-driven concern for you and your customers that makes Permatex® a leading edge manufacturer and supplier of innovative products that meet your customers' needs.

Innovation through research and development is a Permatex hallmark. We are continually enhancing our capabilities to provide you with a constant flow of new and improved products that will keep your customers coming back.

Our website at www.permatex.com



Permatex.com features an online product catalog, news, store locator, technical information, product selection guides and training videos for technicians seeking materials and guidelines for their automotive projects. The site provides information about Permatex® brands, such as Fast Orange®, No Touch® and NOS®. Products are searchable by category, keyword, and item number. Visitors can retrieve Material Safety Data Sheets (MSDSs) and Technical Data Sheets (TDSs), available as rapid downloads. A gallery of vintage product and other memorabilia dating back to Permatex's early years is also featured.

***Note: Refer to page 78 for Important Numbers to Remember and a Product Description Code Explanation.**

4	Introduction
6	Gasketing
	Gasket Makers6 Anaerobic Gasket Makers & Flange Sealants 11 Gasket Remover11 Gasket Sealants12
14	Threadlockers
	GEL TWIST™15
18	Thread Sealants
20	Retaining Compounds
22	Adhesives & Sealants
	Super Glues - Instant Adhesives23 Epoxies25 Specialty Adhesives26 Sealants27
28	Specialized Maintenance & Repair
	Rebuilder's Aids28 Counterman's Choice®29 Auto Glass / Lens Repair30 Electrical System Maintenance31 Brake Maintenance & Repair37 Radiator & Fuel Tank Repair37 Exhaust System Maintenance & Repair36 Body, Interior & Trim32 Professional Repair Systems34 Fabric, Vinyl & Fiberglass Repair35
38	Lubricants
	Multi-Purpose Lubricants38 Specialty Lubricants39
42	Cleaners
	General Purpose & Aerosol Cleaners42 Specialty Cleaners44
46	Maintenance & Performance Additives
	Octane Boosters & Cleaners47
48	Appearance Products
	No Touch® Tire Care, Wheel Cleaner48 Tire Dressing, Plastic & Glass Care49
50	Hand Cleaners
	Fast Orange® Hand Cleaners51 Blue Label™ Cream Hand Cleaner52 Parr® Painter's Clean™ Hand Cleaner52 Trounce® Lotion & Cream Hand Cleaner ...52 Accessories & Merchandising/Promotion ...53
54	Hand Protection
	Disposable & Mechanics Gloves55
56	Product Selectors
	Gasket Maker Product Selector56 Gasket Dressing Product Selector58 Threadlocker Product Selector60 Automotive Product Selector62 Motorcycle Product Selector64 Heavy Duty Product Selector66 OEM Interchange Charts68 Index74 Important Numbers & PDC Explanation* ...78





Introduction *Permatex Defined*



Customer-driven, cutting-edge products and leading brands...

OEM specified...

ISO 9001: 2000 certified...

NSF Registered...

Superior customer service...

Technological and merchandising innovations...

A variety of promotional campaigns & national advertising support...

These are the elements that define Permatex's automotive product lines...the elements that give Permatex® products the competitive edge...the elements that make Permatex products sell.



Permatex Service

From its Hartford headquarters, Permatex directs a growing global automotive aftermarket enterprise serving North America, the Pacific Rim, South America, Europe, and Africa. Permatex manufacturing plants, distribution centers and offices are strategically located to help us achieve our growth goals and effectively service our customers. Many Permatex® products are packaged in our state-of-the-art Manufacturing, Distribution and Technical Center located in Solon, Ohio.



Above: Permatex Manufacturing, Distribution and Technical Center, Solon, Ohio

Far Left: Permatex Headquarters, Hartford, Connecticut

Left: Permatex Manufacturing, Kansas City, Kansas

Permatex is committed to conducting its business in a manner which protects the environment and the health and safety of employees, customers and the public. Some related services are:

- Material Safety Data Sheets (MSDS): exceed regulatory requirements and are continuously updated.
- Training: educational support for the safe handling, use, shipping, and disposal of chemicals.
- Response Line: professional responses to queries regarding health, safety, regulations and transport. Off-hours tie-in to Poison Control Centers is also provided.



Permatex Free Training Clinics

Permatex® has organized a dedicated team of trainers who are committed to educating customers and end-users. This unmatched commitment provides free product training clinics that are attended by thousands of automotive technicians, installers, and vocational-technical students each year. These clinics teach people in the automotive repair industry how Permatex® products can help them save time, reduce costs, and increase repair reliability. They learn the proper use of products, repair procedures, and best practices, and receive informative reference materials and free samples. Since 1999, Permatex Sales Representatives have successfully trained more than 100,000 technicians!

Permatex has expanded its training program to now include a focus on student technicians studying at the 1,500+ accredited National Automotive Technicians Education Foundation (NATEF) schools. As part of this effort, we offer a 60 minute in-classroom introductory session on the proper use of Permatex silicones, threadlockers, and thread sealants by knowledgeable and highly trained full-time Technician Advisors. This is not a sales presentation, but rather a live, hands-on training with demonstrations and specific product applications.

After the presentation, a variety of application size products, charts, and handouts are given to the students. There is also an instructor's kit with additional products, a lesson plan, and a DVD for the classes' future reference. These are gifts for the instructor and the students as our way of saying "thank you" for their time and attention. Note this program also provides credit toward the instructor's continuing automotive service education requirements.

Time being a very limited resource, and travel a major expense, we request combining similar classes to minimize costs, and maximizing our efforts. Our experience has identified the best class size to be 30-50 students. We at Permatex understand the value of training. While most manufacturers have eliminated no-charge training programs, our company is expanding the effort to train the future ASE certified technicians of tomorrow and to assure the flow of future professional automotive service technicians having been exposed and trained in the proper use of Permatex silicones, threadlockers, and thread sealants.



Introduction

Gasketing *Introduction*

Gasket Makers

Changing engine designs have meant new and different gasketing requirements. Extended warranties, engine sensors and new component materials such as aluminum, bi-metal alloys and high-tech plastics, have created the need for superior RTV silicone gasket makers in both OEM production and service applications. Permatex® gasket makers offer significant performance advantages, even in today's complex vehicles. These include outstanding oil resistance, excellent torque retention and hi-temp, sensor-safe properties. Permatex always has the right gasket maker for your application.

Permatex® Gasketing Product Recommendations	NORTH AMERICAN AUTOMOBILES General Motors, Ford, DaimlerChrysler			IMPORT AUTOMOBILES Acura, Honda, Hyundai, Isuzu, Mazda, Mitsubishi, Nissan, Subaru, Toyota	
	Ultra Black®	Ultra Blue®	Ultra Copper®	Ultra Grey®	Ultra Copper®
GASKETING APPLICATIONS	STANDARD PERFORMANCE			HIGH PERFORMANCE	
Rear Main Bearing Cap Split Line	■	■	■	■	—
Damper Keyway Sealing	■	■	■	■	—
Differential Cover	■	■	■	■	—
Intake End Seals	■	■	—	■	—
OHC Cap	■	■	■	■	—
Oil Pan Corner Seals	■	■	■	■	—
Oil Pan Gasket	■	■	■	■	—
Side Cover Plate	■	■	■	■	—
Thermostat Housing	■	■	■	■	—
Timing Cover	■	■	■	■	—
Transmission Pan	■	■	■	■	—
Valve Cover Gasket	■	■	■	■	—
Vibration Damper	■	■	■	■	—
Water Pump Cover Gasket	—	—	■	■	—
GASKET DRESSING / ADHESIVE APPLICATIONS					
Exhaust Manifold	—	—	■	—	■
Intake Manifolds	■	■	■	■	■

Gasket Sealants

As new engine designs require more advanced gasket makers, today's under hood requirements create a need for superior sealant technologies. When a chemical gasket is not an option, Permatex offers a wide range of gasket sealants suitable for applications on both import and domestic vehicles of any model year or performance caliber.



SEALANT FEATURES	Permatex® Form-A-Gasket® No. 1	Permatex® Form-A-Gasket® No. 2	Permatex® Aviation Form-A-Gasket®	Permatex® Indian Head®	Permatex® Tack & Seal™	Permatex® High Tack 97/98	Permatex® High Tack 99	Permatex® Copper Spray-A-Gasket®	Permatex® Ultra Rubber Gasket Sealant & Dressing
Import OE Endorsed	—	—	—	—	—	—	■	—	■
Non-Hardening Formula	—	■	■	—	■	■	■	—	■
Hardening Formula	■	—	—	■	—	—	■	—	—
Thread Sealant	■	■	■	—	■	—	■	—	■
For Gasket Positioning	—	—	—	—	■	■	■	■	■
Gasket Sealant	■	■	■	■	■	—	■	■	■
High Pressure Resistance	■	■	■	—	■	■	■	—	■
Sensor-Safe	■	■	■	■	■	■	■	■	■



Gasket Makers

Permatex® the Right Stuff® Gasket Maker

Return equipment to service immediately and make leak-proof gaskets in just one minute with the Right Stuff.® This latest elastomeric rubber gasket technology is blowout resistant and outperforms pre-cut gaskets. Specified on production lines by GM, Ford, Chrysler and Mercedes-Benz. Temperature range -75°F to 450°F (-59°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. Sensor-safe.



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

Item #	Container Size	Pack
25229	3 oz. Automatic Tube®, carded	6
25223	4 oz. Automatic Tube®	6
25224	7 oz. Automatic Tube®	6
85224	7.5 oz. PowerBead™ pressurized can	6
33694	10.1 fl. oz. cartridge	6
29208	5 oz. cartridge	6
99070	5 oz. cartridge, 2 pack	4
29247	short caulking gun	6



Permatex® the Right Stuff® for Imports Gasket Maker

Specifically designed to perform under higher torque loads associated with engines having closely spaced bolt patterns (typically import vehicles). This product is blowout resistant, allowing leakproof gaskets to be made and put into service in just one minute. Sensor-safe, the Right Stuff® for Imports seals instantly, forming a reliable, long lasting elastomeric rubber gasket that outperforms pre-cut gaskets. OEM specified by Honda, Nissan and Mazda. This product is resistant to powertrain fluids (oil, coolant, and ATF) and operates in environments to 450°F (232°C) continuous; 500°F (260°C) intermittent.

Suggested Applications: Automotive gaskets, valve covers, oil pans, transmission pans, thermostat housings, water pumps, etc.

Item #	Container Size	Pack
85144	7.5 oz. PowerBead™ pressurized can	6
34311	5 oz. cartridge	6
34310	10.1 fl. oz. cartridge	6



MAKES RELIABLE GASKETS in 1 MINUTE

Permatex® the Right Stuff® 1 Minute Gasket™

Just Torque & Go! This handy-size package contains enough material to completely replace two or three large cut gaskets. The self-merchandising proprietary clamshell allows the product to be hung, binned or stood on its own.

Item # 25229, 3 oz. carded, 6 per case

Performance Scorecard

Parameter	Cut Gaskets	the Right Stuff®
Reliability, Durability	FAIR	EXCELLENT
ATF/Oil/Coolant/Temp. Resistance	POOR	EXCELLENT
Seals Consistently	FAIR	EXCELLENT
OEM Approved/Specified	YES	YES
Sensor Safe	YES	YES
Ability to seal scored surfaces	POOR	EXCELLENT
Ability to tighten/retighten bolts without concern of overtightening	POOR	GOOD
Available in every possible shape	NO	YES

Gasketing



Gasketing *Ultra Series Gasket Makers*



Permatex® Ultra Black® Maximum Oil Resistance RTV Silicone Gasket Maker

OEM specified. For dealership warranty requirements, Ultra Black® ensures extended drivetrain warranty compliance. Fast-curing formula. Sensor safe, low odor, noncorrosive. Meets performance specs of OE silicone gaskets. Retains high flexibility, oil resistant properties through use of a patented adhesion system. Temperature range -65°F to 500°F (-54°C to 260°C) intermittent; resists auto and shop fluids and vibration.

Suggested Applications: Valve covers, oil pans, intake manifold end seals, timing covers, differential covers

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
22072	.5 oz. tube, carded	6
82180	3.35 oz. tube, carded	12
82080	8.75 oz. Automatic Tube®	6
85080	9.5 oz. PowerBead™ can	6
24105	13 oz. cartridge	12



Permatex® Ultra Grey® Rigid High-Torque RTV Silicone Gasket Maker

OEM specified. Designed specially for high-torque and high vibration applications, like those common in import engines, this premium RTV gasket maker exceeds manufacturers' performance requirements. Noncorrosive and low odor. Maximum vibration resistance, with outstanding resistance to oils, cooling and shop fluids. Guaranteed not to leak. Temperature range -65°F to 500°F (-54°C to 260°C) intermittent.

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

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack	Old P/N
82194	3.5 oz. tube, carded	12	599BR
85084	9.5 oz. PowerBead™ can	6	
82195	13 oz. cartridge	6	



Permatex® Ultra Blue® Multi-purpose RTV Silicone Gasket Maker



OEM specified. Permatex® Ultra silicones were developed to meet today's technology changes. Sensor-safe, low odor, noncorrosive. Outstanding oil resistance and joint movement tolerance. Eight times more flexible than cork/composite gaskets; three times more oil resistant than conventional silicones. Temperature range -65°F to 500°F (-54°C to 260°C) intermittent; resists auto and shop fluids and vibration.

Suggested Applications: Valve covers, oil pans, timing covers, differential covers

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



Permatex® Ultra Copper® Maximum Temperature RTV Silicone Gasket Maker

OEM specified. For high operating temperatures common in 4-cylinder, turbocharged or high-performance engines. The most advanced, high temp RTV silicone gasket available. Sensor-safe, low odor, noncorrosive. Superior adhesion. Three times more oil resistant than conventional silicones; eight times more flexible than cut gaskets. Temperature range -65°F to 700°F (-54°C to 371°C) intermittent; resists auto and shop fluids and vibration.

Suggested Applications: Exhaust manifolds/headers, valve covers, oil pans, timing covers, water pumps, thermostat housings

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack	Old P/N
81878	3 oz. tube, carded	12	101BR
82751	13 oz. cartridge	6	101C

Ultra Series



Call 1.877.376.2839

Gasket Makers



Permatex® Sensor-Safe Blue RTV Silicone Gasket Maker

The original Permatex Blue. Will not foul oxygen sensors. Replaces almost any cut gasket. Makes reliable “formed-in-place” gaskets that resist cracking, shrinking and migrating. Coats pre-cut gaskets to increase reliability. Temperature range -65°F to 500°F (-54°C to 260°C) intermittent; resists auto and shop fluids. First generation 1970-1980 gasket maker.

Suggested Applications: Valve covers, oil pans, timing covers, water pumps, thermostat housings

OEM INTERCHANGE, see pg. 68-73

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



Permatex® High-Temp Red RTV Silicone Gasket Maker



Certified to ANSI / NSF Standard 51

OEM specified. Formulated for hi-temp applications, or heavy-duty use (such as towing, etc.). Replaces almost any cut gasket by making reliable “formed-in-place” gaskets that resist cracking, shrinking and migrating caused by thermal cycling. Coats pre-cut gaskets to increase reliability. Temperature range -65°F to 650°F (-54°C to 343°C) intermittent; resists auto and shop fluids. First generation 1970-1980 gasket maker.

Suggested Applications: Valve covers, oil pans, timing covers, water pumps, thermostat housings

OEM INTERCHANGE, see pg. 68-73

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



Permatex® Sensor-Safe High-Temp RTV Silicone Gasket

The high temp first generation gasket maker formulated for oxygen sensor equipped engines. Temperature range of -65°F to 650°F (-54°C to 343°C) intermittent; resists auto and shop fluids.

Suggested Applications: Valve covers, oil pans, timing covers, water pumps, thermostat housings

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



Permatex® Water Pump & Thermostat RTV Silicone Gasket

A noncorrosive, sensor-safe RTV silicone gasket material formulated specifically for water pumps and thermostat housings. Highest water-glycol resistance available in an RTV silicone.

Suggested Applications: Water pump and thermostat housings

Item #	Container Size	Pack
22071	.5 oz. tube, carded	6

Specialty Gasket Maker – Use on Motorcycles, Watercraft & Snowmobiles



MotoSeal® 1 Ultimate Gasket Maker Grey

Ultimate Gasket Maker for All Two-Cycle & Four-Cycle Engines

For two and four cycle engines. Solvent-based bond fully seals within 20 minutes. Forms a tough flexible bond that is highly effective on irregular and uneven joint surfaces. Ideal for use on frequently disassembled engines. Resists gasoline and other damaging fluids. Withstands temperatures 350°F (177°C) continuous, 400°F (204°C) intermittent.

Suggested Applications: Transmission case halves, valve covers, center and end covers (transmissions), crank case halves, cam covers, exhaust manifold seals, timing chain cases, side covers, clutch housings

Item #	Container Size	Pack
29132	2.7 oz. tube, carded	6

FUEL RESISTANT



Gasketing





Gasketing *The Ultimate Dispensing System...*

POWERBead™



Gasket Makers & Sealants Made Easier

Our patented PowerBead™ Dispenser gives you enduring reliability and keeps on giving with the ultimate in pinpoint control, outstanding product performance and ease of use.

- Makes application quick and easy
- Extended, rigid nozzle gives pinpoint control
- Vertically-actuated valve design allows all material to be dispensed (NO WASTE!) and eliminates clogging
- Product flow can be regulated easily, without finger fatigue
- Permatex branded comfort-grip

The PowerBead™ Advantage

Our patented valve opens all internal orifices, unlike standard tilt valves, which only open a few. Your benefit...virtually no clogging and smoother product flow with better control.



Anaerobic Gasket Makers & Flange Sealants



Permatex® Anaerobic Gasket Maker

OEM specified. Noncorrosive gasketing material 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 unavailable. Fills gaps up to .015" and cures to a solvent-resistant seal that will not tear or decay during service. Parts disassemble easily even after extended service and old gasket material can be removed in minutes with a simple putty knife.

Suggested Applications: Water pumps, thermostat housings, transmission pans,

transmission case covers, transaxle casings, o-ring replacement

OEM INTERCHANGE, see pg. 68-73

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



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.

Suggested Applications: Water pumps, thermostat housings, engine cases, timing covers, transmission pans, transmission case covers, transaxle casings, o-ring replacement

Item #	Container Size	Pack
51031	50 ml tube	10



Permatex® Anaerobic Flange Sealant

Flexible, gasketing material for use on rigid machined flanges with less than .015" gap. OEM approved – use where OE's specify "anaerobic" gasket (cures in the absence of air). Withstands temperatures to 300°F (149°C). Eliminates preformed, pre-cut, paper, rubber and cork gaskets. Flexes with flanges that move in service.

Suggested Applications: Water pumps, thermostat housings, transmission pans, transmission case covers, engine cases, timing covers, transaxle casings, o-ring replacement

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
51531	50 ml tube	10
51580	300 ml cartridge	10



Gasket Remover

Permatex® Gasket Remover

Quickly removes all non-silicone gasketing adhesives and sealants, even baked-on gaskets. 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. Prevents damage to flanges. Level 2 ▲

Suggested Applications: Removes solvent-based sealants, baked-on gaskets, weatherstrip adhesive, dried oil, grease and paint

OEM INTERCHANGE, see pg. 68-73

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

* May not be available in all areas.



Gasketing *Gasket Sealants*



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

Fast-drying, hard-setting sealant designed for sealing rigid materials and flanges, or patching holes and joints where permanent assembly is desired. Temperature range -65°F to 400°F (-54°C to 204°C); resists common shop fluids and fuels.

Suggested Applications: Freeze plugs, threaded connections, manifold gaskets

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack	Old P/N
80007	1.5 oz. tube, carded	12	1AR
80008	3 oz. tube, carded	12	1BR
80003	11 oz. tube, boxed	12	1C



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

Slow-drying, non-hardening sealant designed for sealing cut gaskets and stamped parts. Allows for easy disassembly if required. Temperature range -65°F to 400°F (-54°C to 204°C); resists common shop fluids and fuels. Use where sealing is more important than adhesion.

Suggested Applications: Valve cover gaskets, oil pan gaskets

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack	Old 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 Liquid

Slow-drying, non-hardening brush-top 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.



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

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack	Old P/N
80017	16 oz. bottle	12	3D
80019	4 oz. bottle	12	3H
80018	2 oz. bottle	12	3J

Permatex® Super "300"® Form-A-Gasket® Sealant

Non-hardening sealant designed to resist heat transfer fluids such as oil or antifreeze. Temperature range -65°F to 400°F (-54°C to 204°C); resists antifreeze, aviation fuels, aggressive detergent-bearing oils and lubricants.



Suggested Applications: Valve cover gaskets, compressors, diesel engine heads

Item #	Container Size	Pack	Old P/N
80057	4 oz. bottle	12	83H



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

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

Suggested Applications: Coating and sealing exhaust gaskets, flanges and connections, and other heavy duty applications.

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



The Original Permatex® Indian Head® Gasket Shellac Compound

The original quality formula, a hard setting, economical sealant. Seals all common gasketing materials in low temperature and low pressure applications. Temperature range -65°F to 350°F (-54°C to 177°C); resists diesel fuels and most shop fluids.

Suggested Applications: Hose connections, paper and cardboard gaskets

[Did You Know?...Made with natural, organic resins, Indian Head® is also an excellent horticultural wound dressing for pruned tree limbs!]

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack	Old P/N
20539	2 oz. bottle	12	5J-1



▲ NFPA Fire Code 30B

Call 1.877.376.2839

Gasket Sealants



Permatex® Copper Spray-A-Gasket® Hi-Temp Sealant

Fast-drying, metallic copper sealant helps dissipate heat, prevents gasket burnout and improves heat transfer. Fills minor surface irregularities. Seals instantly. Fills hot spots and surface imperfections. Temperature range -50°F to 500°F (-45°C to 260°C); resists all types of automotive fluids, especially gasoline. Level 3 ▲

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

Item #	Container Size	Pack	Old P/N
80697	12 oz. aerosol can, 9 oz. net. wt.	12	101MA

Permatex® Ultra Rubber Gasket Sealant & Dressing

Formulated specially for rubber gaskets, it conditions gaskets for longer life and seals potential leak paths. It also functions to hold gaskets in-place during installation. The non-hardening, soft-setting formula makes gasket repositioning quick and easy. Provides outstanding oil and fluid resistance. Temperature range -65°F to 400°F (-54°C to 204°C).



Suggested Applications: Designed for use on all cut and formed rubber gaskets, but also great to condition and extend the life of composite, paper and cork gaskets.

Item #	Container Size	Pack
85409	1 oz. tube, carded	6

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



Fast-drying all-purpose sealant dries to a highly tacky, non-brittle film. A reliable general adhesive. Remains effective at temperatures of -65°F to 500°F (-54°C to 260°C). Resists gasoline, oil, antifreeze, axle lube, kerosene, propane and butane. Level 3 ▲

Suggested Applications: Valve covers, fuel pumps, carburetors,

manifold gaskets; Spray-A-Gasket® seals all felt, cork, metal, paper, and rubber

Item #	Container Size	Pack	Old P/N
80062	4 oz. brush-top can	12	98H
80063	16 oz. brush-top can	12	98D
80064	6 oz. aerosol can, 4.75 oz. net wt.	12	99GA
80065	12 oz. aerosol can, 9 oz. net wt.	12	99MA



Permatex® Hi-Temp RTV Silicone Gasket Sealant

OEM specified. A fast-curing gasket sealant, particularly well-suited to enhance performance of pre-cut cork, paper and composite gaskets. This unique RTV sealant is exceptional for filling surface abnormalities or scratches resulting from scraping of old gaskets, assuring you a failure-free installation and long, trouble-free operating life. Temperature range -65°F to 500°F (-54°C to 260°C). Highly fluid-resistant, permanently flexible and non-shrinking for years of reliable sealing.

Suggested Applications: As a dressing/sealant for transmission pan gaskets, water pumps, thermostats, oil pan gaskets and more. Not for use with cut rubber gaskets or applications in contact with gasoline.

Item #	Container Size	Pack
22073	.5 oz. tube, carded	6



Permatex® Tack & Seal™ Gasket Sealant

Non-hardening for easy disassembly. Keeps large gaskets in place during positioning and assembly. "Clean hands" formula won't stain. Temperature range -65°F to 400°F (-54°C to 204°C); resists engine fluids including diesel fuels and synthetic oils.

Suggested Applications: Seals air conditioning, fuel fittings, radiator hoses, PVC fittings and cork, paper, cardboard, felt and metal gaskets

Item #	Container Size	Pack	Old P/N
80938	1.25 oz. tube, carded	12	9AR



Permatex® Super High Tack™ Gasket Sealant

Fast-drying sealant works like a contact adhesive. Temperature range -65°F to 500°F (-54°C to 260°C); resists gasoline, oil, antifreeze, axle lube.

Suggested Applications: Seals rubber, cork, paper and composite gaskets and hose connections

Item #	Container Size	Pack	Old P/N
80060	1.75 oz. tube, carded	12	97BR



Threadlockers *Introduction*

Permatex® Threadlocker adhesives are widely accepted in a broad range of applications, from delicate fuel injection components to heavy duty transmission and engine assemblies. Specified by automotive OEM's and approved for use on factory assembly lines, Threadlockers apply as liquids or gels, filling the space between threaded metal parts, curing to form a tough, adhesive bond and seal.

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, preventing rust and corrosion. Available in a variety of strengths and temperature ratings, Permatex® Threadlockers are simply the most reliable way to lock and seal threaded fasteners of all shapes and sizes, either before or after assembly.



Product	Item No.	Color	Fasteners	Torque in lbs.* Break/Prevail	Fixture** (Full Cure)	Fixture/ with Primer	Temperature Range	Use/Common Applications
Permatex® Low Strength Threadlocker PURPLE	24024	Purple	Up to 1/4" (6mm)	62/27	20 min. (24 hrs.)	5 min.	-65° to 300°F (-54° to 149°C)	Applied before assembly for throttle body assembly screws, choke assembly screws, mixture adjusting screws, idle control screws, relay lock screws, body panel mounting fasteners.
Permatex® Medium Strength Threadlocker BLUE	19960 24206 24200 24240 24283	Blue	1/4" to 3/4" (6-20mm)	115/53	20 min. (24 hrs.)	5 min.	-65° to 300°F (-54° to 149°C)	Applied before assembly for oil pan bolts; case cover bolts; shift lever nuts; alternator mounts; intake manifold, valve cover and disc brake caliper bolts.
Permatex® Surface Insensitive Threadlocker BLUE	24026 24300	Blue	1/4" to 3/4" (6-20mm)	180/62	20 min. (24 hrs.)	5 min.	-65° to 300°F (-54° to 149°C)	Applied before assembly for Dri-Loc® replacement, oil pan bolts, valve and cam cover bolts, intake bolts, disc brake caliper bolts, alternator mounting bolts, rocker studs.
Permatex® Permanent Strength Threadlocker RED	19962	Red	3/8" to 1" (10-25mm)	189/275	20 min. (24 hrs.)	5 min.	-65° to 300°F (-54° to 149°C)	Applied before assembly of air tools, cylinder block bolts, ring gear bolts, transmission shaft bolts.
Permatex® High Strength Threadlocker RED	19961 27100 27140 27183	Red	3/8" to 1" (10-25mm)	230/225	20 min. (24 hrs.)	5 min.	-65° to 300°F (-54° to 149°C)	Applied before assembly for threaded and slip fit joints on cylinder block and rocker arm studs; shock absorber bolts; ring gear bolts; frame bolts.
Permatex® High Temperature Threadlocker RED	24026 27200 27240	Red	3/8" to 1-1/2" (10-38mm)	180/270	30 min. (24 hrs.)	5 min.	-65° to 450°F (-54° to 232°C)	Applied before assembly for camshaft sprocket bolts, crankshaft attaching bolts, idler bearings, press fit filler tubes, transmission input and output shaft threads, shock bolts, ring gear bolts.
Permatex® Large Diameter Threadlocker RED	27740	Red	1" and over (25mm+)	250/200	60 min. (24 hrs.)	5 min.	-65° to 300°F (-54° to 149°C)	Applied before assembly for frame brackets, suspension fasteners, shock absorber mount, wheel studs.
Permatex® Penetrating Grade Threadlocker GREEN	29000 29040	Green	#2 to 1/2" (2.2-12mm)	90/310	20 min. (24 hrs.)	3 min.	-65° to 300°F (-54° to 149°C)	Applied AFTER assembly for carb adjustment screws; distributor bolts; preassembled nuts and bolts; set screws.



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

GEL TWIST™ Threadlockers



A True Innovation in Threadlocking!

Permatex® Threadlocker Gels in the **GEL TWIST™** and **GEL SQUEEZE™** Applicators.

No Drips, No Globbs, No Mess, No Waste...No Problem!

Permatex® Medium Strength BLUE Gel and High Strength RED Gel in the patent-pending GEL TWIST™ pin-point applicator and the handy-sized GEL SQUEEZE™ applicator puts the Threadlocker where you want it...on the part!

Permatex® Threadlocker Gels provide “liquid quality” reliability without the problems. No drips. No globbs. No mess. No waste. Try Permatex® Threadlocker Gels today!

Item #	Description/Container Size	Pack
24005	Permatex® Medium Strength Threadlocker BLUE Gel, 5 g GEL SQUEEZE™ applicator, carded	6
24010	Permatex® Medium Strength Threadlocker BLUE Gel, 10 g GEL TWIST™ applicator, carded	6
27005	Permatex® High Strength Threadlocker RED Gel, 5 g GEL SQUEEZE™ applicator, carded	6
27010	Permatex® High Strength Threadlocker RED Gel, 10 g GEL TWIST™ applicator, carded	6



Threadlockers



Nonfood Compounds Program Listed (P1) (135870) & (135871)



Threadlockers *Anaerobic Threadlockers*



Permatex® Low Strength Threadlocker PURPLE

OEM specified. Low strength threadlocker designed for fasteners under 1/4" (6mm) that require occasional adjustment. Removable with hand tools for easy disassembly. Noncorrosive. Conforms to ASTM D 5363 AN0311 (Mil-S-46163A, Type II, Grade M).

Suggested Applications: Carburetors, relay locks, headlamps, throttle body assembly, choke assembly and fuel injection set screws,

body panel mounting fasteners, fine threads

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
24024	6 ml tube, carded	6



Permatex® Surface Insensitive Threadlocker BLUE



OEM specified. 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. Oil resistant. Removable with hand tools for easy disassembly.

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

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
24027	6 ml tube, carded	6
24300	10 ml bottle, carded	12



Permatex® Permanent Strength Threadlocker RED

OEM specified. A permanent, high strength product 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 heating and hand tools are required to separate parts. Conforms to ASTM D5363 AN0331 (Mil-S-46163A, Type II, Grade O).

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

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
19962	6 ml tube, carded	12



Permatex® Medium Strength Threadlocker BLUE

OEM specified. 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 loosening due to vibration. Protects threads from corrosion. Removable with hand tools for easy disassembly. Conforms to ASTM D 5363 AN0321 (Mil-S-46163A, Type II, Grade N).

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

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
19960	.5 ml polybag	25
24206	2.5 ml bottle, carded	6
24200	6 ml tube, carded	12
24240	36 ml bottle, carded	6
24283	90 ml bottle	6
09178*	1 ml pouches, display boxed	36

* Counterman's Choice® - See also page 29.



Permatex® Permanent Strength Threadlocker RED & Cup/Core Plug Sealant Retaining Compound

Dual Purpose. A permanent, high strength product 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. Also used for sealing and securing cylindrical metal assemblies. Localized heating and hand tools are required to separate parts. Conforms to ASTM D5363 AN0331 (Mil-S-46163A, Type II, Grade O).

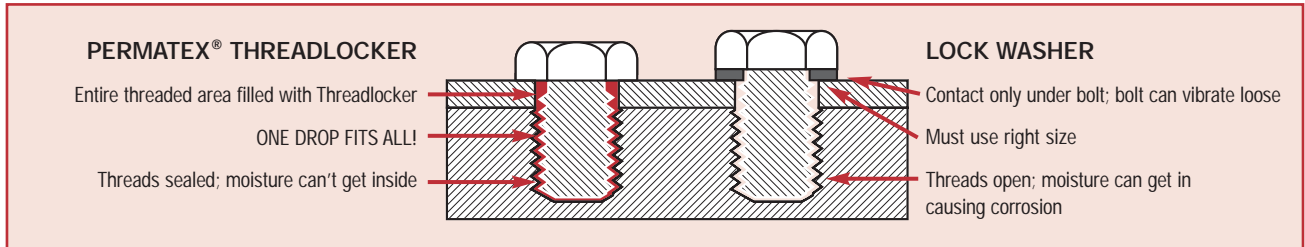
Suggested Applications: Assembly with air tools, cylinder block bolts, ring gear bolts, transmission shaft bolts; engine block cup and core plugs, water pump seals, hub and shaft assemblies

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
26240	36 ml bottle, carded	6



Anaerobic Threadlockers



Permatex® High Strength Threadlocker RED

OEM specified. High strength threadlocker for heavy-duty applications 3/8 inch to 1 inch (10mm to 25mm). 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. May require heat or special tools for removal. Conforms to ASTM D5363 AN0221 (Mil-S-46163A, Type I, Grade K).

Suggested Applications: Cylinder block and rocker arm studs, ring gear bolts, frame bolts, shock absorber bolts
OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
19961	.5 ml polybag	25
27100	6 ml tube, carded	12
27140	36 ml bottle, carded	6
27183	90 ml bottle	6
09179*	1 ml pouches, display boxed	36

* Counterman's Choice® - See also page 29.



Permatex® High Temperature Threadlocker RED

OEM specified. High temperature/high strength threadlocker for heavy-duty applications. Pre-vents bolts and press fits 3/8" to 1-1/2" (10mm to 38mm) from loosening due to shock, severe vibration and heat stress. Exclusive formulation for newer engines and high performance applications that require extreme temperature resistance. Suited for temperatures up to 450°F (232°C). Removable with heat and hand tools.

Suggested Applications: Camshaft sprocket bolts, crankshaft bolts, idler bearings, press fit filler tubes, transmission input and output shaft threads, ring gear or shock bolts

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
24026	6 ml tube, carded	6
27200	10 ml bottle, carded	12
27240	36 ml bottle, carded	6



Permatex® Large Diameter Threadlocker RED

OEM specified. A high strength adhesive for locking and sealing large bolts and stud 1" (25mm+) or larger in diameter. Heat may be required to weaken bond before parts can be disassembled. Conforms to ASTM D5363 AN0211 (Mil-S-46163A, Type I, Grade L).

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

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
27740	36 ml bottle, carded	6



Permatex® Penetrating Grade Threadlocker GREEN

OEM specified. 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. Conforms to ASTM D5363

AN0261 (Mil-S-46163A, Type III, Grade R).

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

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
29000	6 ml tube, carded	12
29040	36 ml bottle, carded	6



Threadlockers



Thread Sealants *Introduction*

Permatex® Thread Sealants seal and secure metal pipes and fittings. By filling the space between threaded metal parts, Thread Sealants cure to a pliable seal 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. 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.



Product	Item No.	Color	Seal to Operating Pressure	Temperature Range	Use/Common Applications
Permatex® Pneumatic/Hydraulic Sealant	54540	Purple	4 hrs.	-65° to 300°F (-54° to 149°C)	Pneumatic/Hydraulic sealant designed to cure more reliably on oily surfaces. Will not contaminate fine filter systems.
Permatex® High Performance Thread Sealant	56521	White	4 hrs.	-65° to 300°F (-54° to 149°C)	Superior to Teflon® tape, ensures leak-proof seal under harsh treatment. Head bolts into through holes; vacuum valves; oil pressure switches and sensors; transmission oil and coolant lines; intake manifold switches; rear axle fill plug fuel fittings; brake and power steering lines.
Permatex® High Temperature Thread Sealant	59214 59235	White	4 hrs.	-65° to 400°F (-54° to 204°C)	High Temperature Thread Sealant for Vibra-Seal® replacement. Head bolts into through holes, vacuum valves, oil PSI switches and sensors, transmission oil and coolant lines, intake manifold switches, rear axle fill plug, fuel fittings, brake and power steering lines.
Permatex® Thread Sealant with PTFE	80631 80632 80633	White	Instant/Non-Curing	-65° to 300°F (-54° to 149°C)	General purpose fitting sealant. Outperforms tapes and pipe dopes. Seals and resists pressure in air, oil, diesel fuel and hydraulic systems. Remains pliable at higher and lower temperatures. Ideal for air conditioning fittings, temperature sending fittings, hydraulic fittings
Permatex® Pipe Joint Compound	80044 80045	Black	Instant/Non-Curing	-65° to 400°F (-54° to 204°C)	Lubricates and seals threaded joints on water, oil and fuel lines. Resists common shop fluids.
Permatex® Plastic Pipe Sealant	80725	White	Instant/Non-Curing	-65° to 400°F (-54° to 204°C)	Seals threaded plastic pipes and allows easy disassembly. Specially formulated to eliminate cracked fittings from over-tightened plastic joints. Contains no plastic-attacking oils. Ideal for household and R.V. plumbing systems.

Thread Sealants



Permatex® High Performance Thread Sealant

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

Suggested 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

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
56521	50 ml tube, carded	6



Nonfood Compounds Program Listed (P1) (134204)



Permatex® High Temperature Thread Sealant

OEM specified. 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. Temperature range -65°F to 400°F (-54°C to 204°C). Contains PTFE.

Suggested 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

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
59214	6 ml tube, carded	12
59235	50 ml tube, carded	6



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 higher and lower temperatures. Temperature range -65°F to 300°F (-54°C to 149°C); resists common shop fluids.

Suggested Applications: Air conditioning fittings, temperature sending fittings, hydraulic fittings

Item #	Container Size	Pack	Old P/N
80631	1 oz. tube, carded	12	14AR
80632	4 oz. can	12	14H
80633	16 oz. can	12	14D



Permatex® Pneumatic/Hydraulic Sealant

OEM specified. 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.

Suggested Applications: Hydraulic line fittings, brake fittings, transmission fluid fittings, PTO fittings

Item #	Container Size	Pack
54540	36 ml bottle, carded	6



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.

Suggested Applications: Thread fittings, plumbing applications

Item #	Container Size	Pack	Old P/N
80045	16 oz. bottle	12	51D
80044	4 oz. bottle	12	51H

Not for sale or use in the state of California.



Anaerobic Technology *Activator for Anaerobics*



Permatex® Surface Prep™ Activator For Anaerobics



Nonfood Compounds Program Listed (P1) (134201)

Speeds cure of Permatex® Threadlockers, Thread Sealants, Retaining Compounds, and Anaerobic Gasket Makers by 50%. Increases threadlocker strength. Recommended for use during cold weather. General-purpose solvent for cleaning and preparing parts and surfaces. Level 1 ▲

Suggested Applications: All anaerobic applications

P/N	Container Size	Pack
24163	6 oz. aerosol can, 4.5 oz. net wt.	6



Thread Repair



Permatex® Stripped Thread Repair Kit

Makes reliable thread repairs without drills, taps, tools or inserts. Restores worn, stripped or damaged threads and eliminates future corrosion, galling, seizing and rust. Effective up to 128 ft. lbs. of torque and between -65°F to 300°F (-54°C to 149°C). Repairs most metal-to-metal fasteners up to SAE grade 5 English and 8.8 metric (coarse and fine).

Suggested Applications: Intake manifold bracket fastener threads, timing chain cover bolt threads, valve cover bolt threads, water pump bolt threads

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
81668	1 kit, clamshelled	6

* See also Permatex® Professional Repair Systems on page 34.



Damaged Threads



Repair damaged threads with Stripped Thread Repair

Retaining Compounds *Introduction*

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.



▲ NFPA Fire Code 30B



Call 1.877.376.2839

Retaining Compounds

Product	Item No.	Color	Max Gap Fill (Diametral)	Viscosity cP	Shear Strength	Temperature Range	Cure - Steel Fixture (Full)	Use/Common Applications
Permatex® Bearing Mount For Close Fits	60940	Green	.005"	125	3,000 PSI	-65° to 300°F (-54° to 149°C)	10 min. (24 hrs.)	Bushings, bearings, oil seals, ring gear bolts, differential lock pins
Permatex® High Temperature Sleeve Retainer	64000 64040	Green	.007"	600	3,000 PSI	-65° to 400°F (-54° to 204°C)	1 hr (24 hrs.)	Valve guides, woodruff keys, bearings and bushings, reanchoring studs, pins and sleeves.
Permatex® Bearing Mount For Relaxed Fits	68040	Green	.015"	1,250	2,800 PSI	-65° to 300°F (-54° to 149°C)	10 min. (24 hrs.)	Replaces set screws, replaces clamp rings, replaces snap ring, wheel bearings, idler shaft, press fit bearings
Permatex® Bearing Mount For Worn Parts	20297	Grey	.020"	1,200,000	3,000 PSI	-65° to 300°F (-54° to 149°C)	10 min. (1-2 hrs.)	Refitting worn shafts and housings, repair worn keyways, repair loose set screws, refit worn couplings, form-in-place shims



Permatex® Bearing Mount for Close Fits

OEM specified. A low viscosity, rapid-curing anaerobic adhesive that augments the strength of press fit assemblies up to .005" in diameter. Adds up to 3,000 PSI holding power. Conforms to ASTM D5363 AN0411 (Mil-R-46082, Type I).

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

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
60940	36 ml bottle, carded	6



Permatex® High Temperature Sleeve Retainer

OEM specified. High temperature, up to 400°F (204°C), anaerobic adhesive that secures slip and press fit assemblies. Adds up to 3,000 PSI holding power. Restores fit to worn or out-of-tolerance assemblies. Prevents surface corrosion. Conforms to ASTM D5363 AN0411 (Mil-R-46082, Type II).

Suggested Applications: Cylinder sleeves, valve guides, valve seats, bearings and bushings, woodruff keys, liner assemblies

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
64000	6 ml tube, carded	12
64040	36 ml bottle, carded	6



Permatex® Bearing Mount for Relaxed Fits

OEM specified. High strength, medium viscosity anaerobic adhesive for slip fit assemblies. Provides 2,800 PSI shear strength on steel. Fixtures in 10 minutes at room temperature.

Suggested Applications: Replaces set screws, replaces clamp rings, replaces snap rings, wheel bearings, idler shaft, press fit bearings

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
68040	36 ml bottle, carded	6



Nonfood Compounds Program Listed (P1) (134528)



Permatex® Bearing Mount for Worn Parts

OEM specified. A creamy, non-running adhesive used between parts to repair large gaps and severely worn parts. Adds up to 3,000 PSI holding power. Fills gaps to .020" in diameter. Use to 300°F (149°C). Very rapid cure.

Suggested Applications: Refitting worn shafts and housings, repair worn keyways, repair loose set screws, refit worn couplings, form-in-place shims

Item #	Container Size	Pack
20297	6 ml tube, carded	6

Retaining Compounds





Adhesives & Sealants *Super Glues*

Super Glues & Instant Adhesives

From the world leader in cyanoacrylate, or super glue, technology comes a complete line of adhesives designed to cover the vast majority of common automotive repairs and materials. From the revolutionary Ultra Bond™, a high performance super glue, to Dr. Bond™ adhesive, Permatex® offers a wide range of instant adhesives to meet your many needs.

Epoxies

Permatex® epoxies offer convenient solutions for a wide range of bonding applications. Available in many packaging configurations, Permatex® epoxies are versatile and easy-to-use. From general-purpose to material-specific, Permatex® offers a formulation that will work in virtually any environment.

Specialty Adhesives

Permatex® specialty adhesives offer ideal solutions for many automotive bonding jobs. As complements to a full line of super glues, these products make a more complete adhesive set, while the tried and true formulas guarantee consumer satisfaction.

Sealants

There is a trusted Permatex® sealant for virtually any automotive sealing application, from windshields to vinyl tops to electrical connections. These well-known general-purpose and job specific sealants are cornerstones in the Permatex® line.



Super Glues – Instant Adhesives



Permatex® Ultra Bond™ Super Glue

Designed to meet the most demanding automotive adhesive needs, this premium high performance super glue provides a stronger, faster-acting and longer lasting bond. Works on porous and nonporous materials including metal, most plastics, laminated plastics, vinyl, rubber, ceramics, paper, wood, textiles, leather, synthetic leather, cork and chipboard. Permanent, transparent bond fills gaps to .010". Convenient 5 g clog-free nozzle

bottle keeps fingers glue-free. Outperforms regular super glues.

Suggested Applications: Automotive trim, logos, knobs, gear shift logos, minor interior repairs

Item #	Container Size	Pack
21309	5 g bottle, carded	6



Permatex® Ultra Bond™ Super Glue Gel

This premium gel formula provides a stronger, longer lasting bond that works on more materials than regular super glue gels. The no-run formula was designed for fast, heavy-duty repairs to vertical surfaces where regular adhesives run. Works on porous and nonporous materials including metal, most plastics, laminated plastics, vinyl, rubber, ceramics, paper, wood,

textiles, leather, synthetic leather, cork and chipboard. Permanent, transparent bond fills gaps to .010".

Suggested Applications: Automotive trim, logos, knobs, gear shift logos, minor interior repairs

Item #	Container Size	Pack
82196	2 g tube, carded	6



Permatex® Super Glue

This formulation was specially designed for a faster, long-lasting bond. It is easily applied and works on non-porous materials including metal, plastics, rubber, vinyl, paper, wood, and textiles. Permanent, transparent bond fills gaps to .004"

Suggested Applications:

Automotive trim, logos, knobs, gear shift logos, minor interior repairs

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
49450	1 oz. bottle, carded	6
82190	2 g tube, carded	12
30878	2 g tube, 2-pack carded	6
49550	1 oz. bottle, Class 1, Type II*	10
49650	1 oz. bottle, Class 2, Type I*	10

* Meets Gov. Mil-A-46050C

Did You Know?...Super Glue or Super Glue Gel can be removed from your fingers by using a small amount of acetone-based nail polish remover on a cotton swab or white terry cloth. Gently apply to glue to dissolve bond without damaging skin.



Permatex® Super Glue Gel

This gel formula "stays put" for precise application on hard-to-reach, overhead, or vertical surfaces. This permanent, transparent bond is easily applied and works on both porous and nonporous materials including metal, plastics, rubber, vinyl, paper, wood, textiles, and cork.

Suggested Applications:

Automotive trim, logos, knobs, gear shift logos, minor interior repairs

Item #	Container Size	Pack
82191	2 g tube, carded	12



Dr. Bond® Plastic Bonder

Repairs any automotive plastic. No mixing required. Prepare the surface with the activator, apply the bonding agent, and bond the parts.

Suggested Applications: All plastics, even polyethylene and polypropylene

Item #	Container Size	Pack
82565	2 g tube, carded	6



Adhesives & Sealants *Super Glues – Instant Adhesives*



Dr. Bond® Super Glue and Super Glue Gel

This super strong, super fast adhesive bonds materials in seconds. One drop does the job. It makes permanent repairs to almost all nonporous surfaces including metal, laminated plastics, rubber, ceramics, and china. Permanent, transparent bond fills gaps to .004".

Suggested Applications: Automotive trim, logos, knobs, gear shift logos, ornaments, minor interior repairs

Dr. Bond® Super Glue

Item #	Container Size	Pack
01810	2 g tube, carded	12
81737	2 g tube, carded (space-saver)	6
81554	2 g tube, 2-pack carded	12
81742	2 g tube, 2-pack carded (space-saver)	6
82223	2 g tube, 3-pack carded	12

Dr. Bond® Super Glue Gel

Item #	Container Size	Pack
85742	2 g tube, 2-pack carded (space-saver)	6



Epoxies



Permatex® Cold Weld Bonding Compound

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 intermittent. Over 3,000 PSI shear strength on steel.

Suggested Applications: Aluminum, steel, brass, bronze, castings and stampings

Item #	Container Size	Pack
14600	2-1 oz. tubes, carded	12



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.

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

Item #	Container Size	Pack
21425	10 - 4 g mixer cups	10

Fast Cure Epoxy is this easy...



Epoxies



Permatex® PermaPoxy™ Syringes, Tubes, and Sticks

Permatex introduces the most complete, versatile, easy-to-use, multi-purpose epoxy adhesive line for metals, fabric, fiberglass, glass, rubber, concrete and most plastics. When cured, PermaPoxy can be drilled, sanded, threaded, or filed. Resistant to fuels, solvents, and most other liquids. Available in various packaging configurations: Dual dispensing syringes and tubes are a two-part adhesive and filler system that eliminates the need for welding or brazing. Epoxy putty sticks are ideal for vertical applications.

Suggested Applications: Fills gaps and bonds dissimilar materials. Use on casting cracks and holes, automotive trim parts, ornaments, knobs, cracked taillights, damaged grilles, mount components, body moldings, tamper proofing, hub cap trim, damaged spoilers, seals metal seams, repair tanks, mount bushings, repair castings, interior trim, mounting brackets

Item #	Container Size	PSI	Pack
84160	1 Minute General Purpose Epoxy, .84 oz. dual syringe, carded	3400 PSI	12
84101	5 Minute General Purpose Epoxy, .84 oz. dual syringe, carded	3400 PSI	12
84107	30 Minute High Strength Epoxy, .84 oz. dual syringe, carded	3500 PSI	12
84109	4 Minute Multi-Metal Epoxy, .84 oz. dual syringe, carded	4500 PSI	12
84115	5 Minute Plastic Weld, .84 oz. dual syringe, carded	3500 PSI	12
84201	5 Minute General Purpose Epoxy, 2 - 1 oz. tubes, carded	3400 PSI	12
84209	4 Minute Multi-Metal Epoxy, 2 - 1 oz. tubes, carded	3400 PSI	12
84304	5 Minute Aluminum Epoxy Stick, 2 oz. putty with vial, carded	3000 PSI	12
84309	4 Minute Multi-Metal Epoxy Stick, 2 oz. putty with vial, carded	3500 PSI	12
84315	5 Minute Plastic, Fiberglass & Underwater Repair Epoxy Stick, 2 oz. putty with vial, carded	3000 PSI	12



Easy-To-Use!

Adhesives & Sealants



Adhesives & Sealants *Specialty Adhesives*



Permatex® Pit Crew's Choice™ Adhesive & Sealant

A versatile automotive adhesive/sealant. Bonds nearly anything from seat tears to loose trim. Super strong, dries gradually – allowing time to reposition parts. Goes on white, dries clear. Provides a waterproof seal. Withstands vibration. Nontoxic. For interior and exterior use.

Suggested Applications: Fiberglass, leather, plastic, vinyl, rubber, steel, etc.

Item #	Container Size	Pack
25831	2 fl. oz. tube, carded	6



Permatex® Contact Cement

Makes a tough, permanent bond on contact. Instantly bonds metal, wood, ceramic, leather, rubber and many other surfaces. Instantly bonds rubber to glass and metal. Heat and water resistant. Easy-to-use. Requires no clamping.

Suggested Applications: Weather stripping

Item #	Container Size	Pack
25905	1.5 fl. oz. tube, carded	12



Permatex® Liquid Metal Filler

Easy-to-use filler can be drilled, filed, sanded and painted. Forms a long-lasting, metal-tough bond. Works on metal, wood, and concrete. Excellent adhesion to galvanized metal. Repairs cracks or porosity leaks in cast metal parts. Fills small holes, cracks, and perforations. Resists water, oil and gasoline.

Suggested Applications: Oil pans, stake bed holes, door panels, cast metal parts

Item #	Container Size	Pack
25909	3.5 fl. oz. tube, carded	12



Permatex® Liquid Solder

Applies soft and quickly dries into a metal-tough, weather-resistant bond. It's ideal for stopping leaks and repairing split seams in metal. Resists water, oil, and gasoline. Fills small holes or rust perforations. It's easy-to-use – no heat or tools required. Contains no conductive metal. Not to be used for electrical repairs.

Suggested Applications: Broken weld lines, trunk compartment or other body parts, battery trays, floor panels

Item #	Container Size	Pack
25906	1.5 fl. oz. tube, carded	12

Sealants — Stop Leaks in Minutes...



Permatex® Spray'n'Seal™ Leak Repair

Targets Any Low Pressure Leak with No Disassembly Required!

A sprayable sealer that forms a durable rubber barrier that stop leaks in minutes. The wicking action seals hard-to-reach leaks without the need for disassembling or removing parts. Designed specifically to target low pressure leaks in hoses, oil pans, differentials, transmission pans, fluid reservoirs as well as plastic, PVC and metal pipes, their connections and much more! Eliminates the need for liquid additive sealers that can swell and foul internal seals. Resists common shop fluids. **Note:** In many cases, more than one coat will be needed to solve the problem. Level 3*

Suggested Applications: Engine and transmission leaks, hoses, oil pans, differentials, transmission pans, cooling systems, thermostats, water pumps, valve covers, tubing connections, electrical harness connectors, plastics, and PVC

Item #	Container Size	Pack
82099	net wt. 9 oz. aerosol	6



▲ NFPA Fire Code 30B

Call 1.877.376.2839

Sealants



Permatex® Black Silicone Adhesive Sealant



General-purpose, black RTV indoor/outdoor sealant. Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl, weather stripping and vinyl tops. Protects and repairs electrical wiring. May be applied to horizontal or vertical surfaces. Waterproof and flexible. Temperature range -75°F to 400°F (-59°C to 204°C); resists oil, water, weather, vibration, grease.

Suggested Applications: Windshields, door frames, electrical connections, seams and roofs, vinyl tops, weather stripping (*Not recommended for engine gasket applications*) **OEM INTERCHANGE, see pg. 68-73**

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



Permatex® Clear RTV Silicone Adhesive Sealant



General-purpose, clear RTV indoor/outdoor sealant. Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl, weather stripping and vinyl tops. Protects and repairs electrical wiring. May be applied to horizontal or vertical surfaces. Waterproof and flexible. Temperature range -75°F to 400°F (-59°C to 204°C); resists oil, water, weather, vibration, grease.

Suggested Applications: Windshields, door frames, electrical connections, vinyl tops, seams and roofs (*Not recommended for engine gasket applications*) **OEM INTERCHANGE, see pg. 68-73**

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



Permatex® Flowable Silicone Windshield & Glass Sealer

Wicking action silicone “seeks the leak”. Flows into hidden and hard-to-reach areas. Forms a tough, waterproof, durable, clear seal that is resistant to weather, extreme temperatures, vibration, shock and most shop chemicals. Fills surface voids and irregularities. Temperature range -80°F to 400°F (-62°C to 204°C).

Suggested Applications: Windshields, sunroofs, windows, headlamp assemblies, marine glass, RV vents and windows

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack	Old P/N
81730	1.5 fl. oz. tube, carded	12	65AR



Permatex® Auto Glass Sealer

Seals out leaks and drafts around windows. Makes a tight, permanent seal. Can be used for glass, metal, wood and rubber. Economical clear sealant.

Suggested Applications: Car windows, windshields, sunroofs

Item #	Container Size	Pack	Old P/N
80329	1.5 fl. oz. tube, carded	12	DWS-37



Permatex® Form-A-Seal® Leak Repair

Forms a durable rubber barrier that stops leaks in minutes without part removal. Many auto, home, shop, garage, farm, marine and industrial uses. A sprayable sealer eliminates the need for disassembly prior to repair. Follow label for instructions. Resists common shop fluids. Level 3 ▲

Suggested Applications: Engine and transmission leaks, cooling systems, plumbing, masonry, wood, plastics, glass, PVC

Item #	Container Size	Pack
82096	6 oz. aerosol can, 5 oz. net wt.	12



Permatex® Black Rubber Sealant

High-strength, ready-to-use automotive sealant insulates, seals and caulks. Does not dry out or become brittle. Economical black sealant.

Suggested Applications: Weather stripping, door and window glass, electrical connections

Item #	Container Size	Pack	Old P/N
80338	1.5 fl. oz. tube, carded	12	RS-9

▲ NFPA Fire Code 30B



Specialized Maintenance *Introduction*

Specialized Maintenance & Repair

Whether it's sealing a hole in a tailpipe, attaching a rearview mirror or mending a tear in upholstery, there's a Permatex® product that offers the solution. These problem-solving products are formulated and tested to deliver optimum results for specific maintenance and repair needs.

- Rebuilder's Aids
- Counterman's Choice®
- Auto Glass Maintenance & Repair
- Electrical System Maintenance
- Body, Interior & Trim
- Professional Repair Systems
- Fabric, Vinyl & Fiberglass Repair
- Brake Maintenance & Repair
- Radiator & Fuel Tank Maintenance & Repair
- Exhaust System Maintenance & Repair



Rebuilder's Aids



Permatex® Valve Grinding Compound

Aids valve grinding and seating operations to remove burrs, surface defects, carbon, gum and corrosion. Can be used for lapping and grinding chromium. Mixes with water to form an easy-to-use paste.

Suggested Applications: Seat valves, sharpen reel type lawn mowers

Item #	Container Size	Pack	Old P/N
80036	1.5 oz. tube, carded	12	34A
80037	3 oz. tube, carded	12	34B



Permatex® Prussian Blue

Aids precision-fitting of machined surfaces. Locates high spots on bearings, valves, gears and other close-to-tolerance components. Nondrying. Easy clean-up.

Suggested Applications: Bearings, valves, gears, other close tolerance or machined assemblies

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



Permatex® O-Ring Splicing Kit contains all the materials and tools necessary to produce O-rings on-the-spot.



Permatex® O-Ring Splicing Kit

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

Suggested Applications: Custom o-rings
OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack
00112	1 boxed kit	5



Counterman's Choice®

EASY SQUEEZE SPOUT

Permatex® Counterman's Choice®

A line of single-use chemicals that deliver just the right amount of material for typical automotive repair jobs. Consistent with the high quality associated with the Permatex® brand, each item in the Counterman's Choice® line contains premium chemical compounds. The convenient single-use pouches feature an exclusive "Easy Squeeze Spout" with a tapered channel to provide for more accurate dispensing of compounds while minimizing waste and mess. Counterman's Choice® single-use chemicals are a convenient and economical new way for DIY'ers to complete a wide range of automotive repairs.

Suggested Applications: See descriptions under the various item descriptions in the lubricants, threadlockers or specialty repair sections of this catalog.



Item #	Container Size	Pack
09175	Anti-Seize Lubricant, 5 gram pouch	36
09176	Battery Protector, 7 gram pouch	36
09177	Ultra Disc Brake Lube, 5 gram pouch	36
09178	Medium Strength Threadlocker BLUE, 1 ml pouch	36
09179	High Strength Threadlocker RED, 1 ml pouch	36
09180	Spark Plug Boot & Electrical Connector, 5 gram pouch	36
99142	Counterman's Choice® Wire Merchandiser Display, includes header and one case of six items	1
99145	Counterman's Choice® Wire Merchandiser Display, no product included	1

Did you know?...Counterman's Choice® display boxes can increase profit opportunity.

- Add-on sales opportunity whenever parts are sold!
- Ideal for high incidence, one-time DIY repairs
- Introduces DIY to new chemical products sold in other parts of store



09175

09176

09177

09178

09179

09180

Specialized Maintenance & Repair



Specialized Maintenance *Auto Glass / Lens Repair*



Permatex® Extreme Rearview Mirror Professional Strength Adhesive
 2 part (towelette & pipette) professional strength rearview mirror adhesive & activator. Patent pending medical grade towelette helps to minimize application messes, improves application accuracy and also provides a safer package for general consumers and professional installers. This product incorporates the same professional strength OEM specified formula which ensures that it works!

Suggested Applications: Mounting rearview mirrors to windshields

Item #	Container Size	Pack
81840	2 part kit - .01 fl. oz. adhesive vial/ .02 fl. oz. activator towelette, carded	12



Permatex® Professional Strength Rearview Mirror Adhesive

Approved and used by GM, Ford and Chrysler. Permanently remounts mirrors to windshields. Achieves handling strength in seconds; mirror-mounting strength in 15 minutes. Available in single and multi-applications. ODC-free.

Suggested Applications: Mounting rearview mirrors to windshields

Item #	Container Size	Pack	Old P/N
03325	24 ml bottle	5	3325
03346	6 ml bottle	12	3346
81844	2-part kit, carded	12	11067-2

* See also Permatex® Professional Repair Systems Rearview Mirror Adhesive Kit on page 34.



Permatex® Quick Grid™ Rear Window Defogger Repair Kit

Provides a low-cost, high-quality repair for damaged rear window defogger grids. Complete kit for a superior repair. Quick Grid™ is the result of a joint research project with the General Motors Research Center.

Suggested Applications: Rear window defoggers

Item #	Container Size	Pack
15067	.05 fl. oz. bottle, carded	12

* See also Permatex® Professional Repair Systems Rear Window Defogger Repair Kit on page 34.



Permatex® Electrically Conductive Rear Window Defogger Tab Adhesive

Quickly and easily bonds defogger tab to grid on rear window. Provides a low-cost, high-quality repair for damaged rear window defogger tabs. Complete kit for a quick repair.

Suggested Applications: Rear window defogger tabs

Item #	Container Size	Pack
21351	2-part kit, carded	6



Permatex® Bullseye™ Windshield Repair Kit

The first one-component windshield repair system designed to be used by the car owner. May be used on star damage, bullseyes and chips up to 1-1/4" in diameter to prevent further spreading of glass fracture. Safe and easy to use. Requires no mixing, no heat. Makes the repair virtually undetectable.

Suggested Applications: Bullseyes in windshields or other glass windows

Item #	Container Size	Pack
16067	.17 fl. oz. syringe, carded	12

* See also Permatex® Professional Repair Systems Windshield Repair Kit on page 34.

Permatex® Headlight Lens Restoration Kit

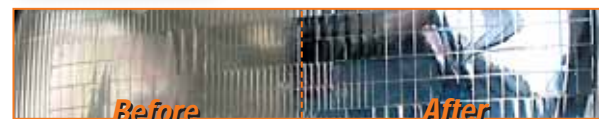


Highly popular, our economical and effective kit works on exterior plastic lighting lenses to restore "LIKE NEW" clarity, improving light output and appearance. Restores clouded, pitted, and yellowed lens surfaces. Each kit contains lens restoration polish, a polishing cloth, 4 wet/dry sandpapers (1000, 1500, 2000 & 2500 grits), 1 pair latex gloves, and a simple step-by-step instruction sheet.

Suggested Applications: Headlight lenses

Item #	Container Size	Pack
09135	1 kit, clamshelled	6

* See also Professional Repair Systems on page 34.



Electrical System Maintenance



Permatex® Battery Protector & Sealer

Stops terminal corrosion and increases battery life. Spray on battery terminals, in or out of storage. Aerosol - Level 3 ▲

Suggested Applications: Automotive, marine, farm machinery and motorcycle batteries

Item #	Container Size	Pack	Old P/N
80370	6 oz. aerosol can, 5 oz. net wt.	12	SA-9
09176*	7 g pouches, display boxed	36	—

* Counterman's Choice® - See also page 29.



Permatex® Battery Cleaner

Spray it on and wash corrosion off. Works in just three minutes. Level 1 ▲

Suggested Applications: Automotive, marine, farm machinery and motorcycle batteries

Item #	Container Size	Pack	Old P/N
80369	6 oz. aerosol can, 5.75 oz. net wt.	12	SA-8

* See also Permatex® Battery Cleaner on page 45.



Permatex® Dielectric 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.

Suggested Applications: Marine and automotive electrical connections, spark plug boots, trailer hitches

Item #	Container Size	Pack	Old P/N
81150	.33 oz. tube, carded	12	67VR
22058	3 oz. tube, carded	6	—
09180*	5 g pouches, boxed	36	—

* Counterman's Choice® - See also page 29.



Permatex® Tune-Up Kit

Easy-to-use, two-part kit contains both Dielectric Tune-Up Grease and Anti-Seize Lubricant. Dielectric Tune-Up Grease protects spark plug boots and electrical connections from corrosion, while extending the life of rotor caps in all modern vehicles. Anti-Seize Lubricant is used on spark plugs before installation to prevent thread damage and allow for easy removal of spark plugs later.

Suggested Applications: Electrical connections, spark plug boots, rotor caps

Item #	Container Size	Pack
26984	.33 oz. tube & .18 oz. pouch, carded	6



With over 25 million bulbs replaced every year, the problem of removing a corroded bulb, fuse or connector can be eliminated with...

Permatex® Bulb/Lamp & Electrical Connector Dielectric Grease

Increases performance and extends service life of bulbs and lamps by preventing voltage leakage and protecting electrical connections from moisture, dirt and corrosion. Great lubricating properties ease the disassembly process. Protects rubber, plastic, ceramic and metal surfaces.

Suggested Applications: Headlamps, lighting bulbs for: instrument panel, glove compartment, inside door trim, interior courtesy lamps, parking & turn signals, brake lights, license plate lights, trunk and hood lamps; also for fuses, ignition components and other electrical connections.

Item #	Container Size	Pack
31824	.10 oz., carded	12



* See also Permatex® Dielectric Grease this page.



Specialized Maintenance *Body, Interior & Trim*



Permatex® Rust Treatment

Provides one-step rust treatment that destroys old rust, prevents new rust. Just brush or spray on. Within minutes, rust is replaced by a durable black polymer coating that may be painted. Excellent protective primer. Specially formulated to be used with body filler and fiberglass. Can be used when temperature is between 50°F and 90°F (10°C and 32°C) and on surfaces which do not exceed 200°F (93°C). Aerosol - Level 2 ▲

Suggested Applications: Destroys rust on all automotive applications; trucks, trailers, storage tanks, pipes, valves, fences, guard rails, bulkheads, overhangs, decks, hatch covers (topcoat with appropriate marine paint), agricultural equipment, plows, tractors, snow removal equipment, etc.

OEM INTERCHANGE, see pg. 68-73

Item #	Container Size	Pack	Old P/N
81775	8 fl. oz. bottle	12	RT-8A
81773	16 fl. oz. bottle	12	RT-16A
81849	16 oz. aerosol can, 10.25 oz. net. wt.	12	79DA
81387	32 fl. oz. bottle	12	-
75448	1 gallon bottle	4	-

Permatex® Rust Dissolver Gel

Chemically dissolves rust from all iron and steel surfaces. Brush or spray on, wash off rust with cloth. Replaces sanding and scraping.

Suggested Applications: Iron and steel surfaces on cars, trucks, motorcycles, tractors, and trailers

Item #	Container Size	Pack	Old P/N
81756	8 fl. oz. bottle	12	NJ-1A
82138	12 fl. oz. spray	6	

Permatex® Undercoating

Protects fenders, frames, fuel tanks, door panels, rocker panels, hoods and firewalls against moisture, road salt and corrosion. Won't sag or drip. Sound-proofs and insulates. Body shop proven. Level 3 ▲

Suggested Applications: Wheel wells, rocker panels, frames and underbody, body repairs, rust holes, tree pruning, driveway cracks, minor roof repairs, and post preserver

Item #	Container Size	Pack	Old P/N
80072	20 oz. aerosol can, 16 oz. net. wt.	12	117EA

Permatex® Heavy Duty Rubberized Undercoating

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

Suggested Applications: Automotive frames, rocker panels and wheels. Other uses include sealing gutters, roofs, drain systems and tree pruning

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



▲ NFPA Fire Code 30B

Call 1.877.376.2839



Permatex® Body Shop® Heavy Duty Headliner & Carpet Adhesive

High-strength spray adhesive designed for repairing interior parts which have become detached or loosened. VOC compliant, it bonds foam, fabrics, plastics, rubbers, and other automotive materials. Resistant to extreme weather conditions. Water-resistant. Dries clear for neat appearance. High temperature formula. Level 3 ▲

Suggested Applications: Headliners, carpets, trunk linings and inside door panels

Item #	Container Size	Pack
27828	20 oz. aerosol can	6
	16.75 oz. net wt.	



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 nonporous materials. Level 3 ▲

Suggested Applications: Excels at attaching upholstery cloth, carpeting, floor mats, insulation, kick and silencer pads to metal, wood or KB board

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



Permatex® Black Super Weatherstrip Adhesive

A professional, black weatherstrip adhesive that blends with automotive weather stripping for less clean-up. Withstands temperature extremes. Resistant to gasoline, kerosene, antifreeze and most solvents. Permanently bonds automotive weather stripping. Bonds automotive gaskets.

Suggested Applications: Cut gaskets, door and trunk moldings

OEM INTERCHANGE, see pg. 68-73

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



Permatex® Super Weatherstrip Adhesive

A superior adhesive ideal for many applications including rubber, metal, and automotive gaskets. Allows for repositioning parts after contact is made. Withstands extreme temperatures. Waterproof. Resists gasoline, kerosene, antifreeze and most solvents.

Suggested Applications: All types of weather stripping, door and trunk moldings

Item #	Container Size	Pack	Old P/N
81731	5 fl. oz. tube, boxed	12	80
80638	2 fl. oz. tube, carded	12	80BR



Permatex® Weatherstrip Cement

A translucent cement and sealer which bonds in minutes. Dries to a tough, strong bond.

Suggested Applications: Door and windshield weather stripping

Item #	Container Size	Pack	Old P/N
80328	2 oz. tube, carded	12	DCD-19



Permatex® Auto Trim Adhesive

A no-mix, flexible repair. Cures in seconds only AFTER assembly without clamps, heat or extensive precleaning. Weatherproof.

Suggested Applications: Broken body moldings, trim and emblems

Item #	Container Size	Pack	Old P/N
80885	.07 fl. oz. tube, carded	12	ATA-1

Specialized Maintenance Professional Repair Systems

Premium Repair Kits for Professionals and Do-It-Yourselfers!

These premium repair kits contain everything required for making professional-quality repairs in just a few minutes. State-of-the-art components and easy-to-follow instructions with photographs are common to all kits.



Item #	Container Size	Pack
09100	Plastic Tank Repair Kit, 1 kit, clamshelled	6
09101	Fuel Tank Repair Kit, 1 kit, clamshelled	6
09102	Rearview Mirror Adhesive Kit, 1 kit, clamshelled	6
09103	Windshield Repair Kit, 1 kit, clamshelled	6
09104	Radiator Repair Kit, 1 kit, clamshelled	6
09116	Fuel Tank & Radiator Repair Kit, 1 kit, clamshelled	6
09117	Complete Rear Window Defogger Repair Kit, 1 kit, clamshelled	6
09135*	Headlight Lens Restoration Kit, 1 kit, clamshelled	6
81668**	Stripped Thread Repair Kit, 1 kit, clamshelled	6
80265***	Fiberglass Patch Kit, 1 kit, clamshelled	6
80902****	Vinyl & Leather Repair Kit, 1 kit, clamshelled	6

* See also Permatex® Headlight Lens Restoration Kit on page 30.
 ** See also Permatex® Stripped Thread Repair Kit on page 20.
 *** See also Permatex® Fiberglass Patch Kit on page 35.
 **** See also Permatex® Vinyl & Leather Repair Kit on page 35.



Look for specially marked packages to view helpful product video demonstrations online.

Fabric, Vinyl & Fiberglass Repair



Permatex® Fabric Repair Kit
Repairs automobile upholstery, carpet, clothing and furniture. Matches popular colors and textures. Contains: 7 assorted colors of fabric repair compound, 2 cups fabric air dry adhesive, screen applicator, application spatula, mixing bottle, instruction card with color matching chart.
Suggested Applications: Automotive and home fabric upholstery and carpet, clothing

Item #	Container Size	Pack
25247	1 kit, clamshelled	6



Permatex® Vinyl & Leather Repair Kit
A complete DIY repair kit for home, automotive, and marine vinyl and leather upholstery. Contains: heat transfer tool, 7 colors of repair compound, clear vinyl adhesive and filler (net .34 fl. oz.), grain pattern paper, plastic spatula, and instruction sheet with color matching chart.
Suggested Applications: Vinyl and leather upholstery, infant car seats, chairs, stools, luggage

Item #	Container Size	Pack	Old P/N
80902	1 kit, clamshelled	6	VR-1A



Permatex® "Pro-Style" Vinyl & Leather Repair Kit
A complete professional kit with plug-in electric heat iron to make pro-style repairs. Contains: professional electric heat tool, 7 inter-mixing colors of repair compound, clear vinyl adhesive and filler (net .34 fl. oz.), grain pattern paper, metal spatula, plastic dashboard hardening powder.
Suggested Applications: Vinyl and leather upholstery, dashboards, vinyl tops, marine upholstery, luggage

Item #	Container Size	Pack	Old P/N
81781	1 kit, clamshelled	6	VR-8A



Permatex® Dashboard & Vinyl Top Repair Kit
Special repair compounds designed to repair dashboards and vinyl tops. Contains: heat transfer tool, 7 colors of repair compound, clear vinyl adhesive and filler (net .34 fl. oz.), grain pattern paper, plastic spatula, plastic dashboard hardening powder.
Suggested Applications: Dashboards and vinyl tops

Item #	Container Size	Pack	Old P/N
81785	1 kit, clamshelled	6	VR-9A



Permatex® Super Clear Vinyl Sealant Repair Kit
Makes invisible repairs from rips, cuts and tears to upholstery, luggage, clothing, etc. Contains: clear vinyl sealant and filler (net 1.5 fl. oz.), special applicator nozzle, grain pattern paper.
Suggested Applications: Rips and cuts in luggage, rainwear, vinyl boots, automotive, marine and home upholstery

Item #	Container Size	Pack	Old P/N
81786	1 kit, carded	12	VR-12A



Permatex® Fiberglass Patch Kit
Complete epoxy-based kit for bridging holes and rusted areas in metal, wood, and fiberglass. Includes one 1 fl. oz. tube of resin, one 1 fl. oz. tube hardener, fiberglass cloth, spreader and mixing stick
Suggested Applications: Automotive and marine applications

Item #	Container Size	Pack	Old P/N
80265	1 kit, clamshelled	6	FK-98

Specialized Maintenance & Repair



Specialized Maintenance *Exhaust System Repair*



Permatex® Muffler & Tailpipe Bandage

Epoxy-impregnated fiberglass bandage chemically welds mufflers and tailpipes. Permanently repairs holes and leaks in exhaust systems saving costly part replacement. Seals out poisonous fumes to temperatures of 800°F (426°C).

Suggested Applications: Mufflers and tailpipes on automobiles, trucks, tractors and farm equipment

Item #	Container Size	Pack	Old P/N
80331	84 sq. in. bandage, carded	12	MB-1
80332	120 sq. in. bandage, carded	12	MB-2



Permatex® Muffler & Tailpipe Putty

Permanently repairs holes and leaks in exhaust systems. Seals out fumes at temperatures up to 2000°F (1000°C). Safe for catalytic converters. 2-pouch bonus pack.

Suggested Applications: Mufflers, tailpipes, joints and catalytic converters

Item #	Container Size	Pack	Old P/N
80333	4 oz. net wt. (2 foil pouches, carded)	12	MP-1



Permatex® Muffler & Tailpipe Sealer

Seals holes and leaks in mufflers, tailpipes and around joints. Makes new installations more secure. Resists temperatures to 2000°F (1000°C).

Suggested Applications: Mufflers, tailpipes, joints and catalytic converters

Item #	Container Size	Pack	Old P/N
80335	3 oz. tube, carded	12	MTK-1



Permatex® 1000° Plus™ Exhaust Repair Kit

Complete kit for repairing cracks and splits in mufflers, tailpipes and exhaust pipes. Withstands temperatures over 1000°F (540°C). Kit contains ready-to-use foil-packed bandage and support wire.

Suggested Applications: Mufflers and tailpipes on automobiles, trucks, tractors and farm equipment

Item #	Container Size	Pack	Old P/N
80334	1 bandage, 1 support wire, carded	12	MRK-1



Permatex® Hi-Temp Metal Repair Compound

Makes long-lasting repairs to high-temp, low pressure exhaust leaks from the exhaust manifold to the muffler. Gets stronger with heat up to 2000°F. One-part, water-based ceramic is safe and easy-to-use.

Suggested Applications: Cracked and broken exhaust manifolds, headers, furnaces

Item #	Container Size	Pack
26346	20 g pouch, carded	6



Brake Maintenance & Repair



Permatex® Disc Brake Quiet

Stops brake squeal by dampening vibration at caliper/brake pad interface. Provides tighter fit and allows for easier disassembly. Protects against corrosion. Compatible with anti-lock brake systems. This product contains an elastomeric polymer for use with brake pads not having anti-squeal shims. Aerosol - Level 3 ▲

Suggested Applications:

Automotive disc brakes, out board and inboard pads for disc braking systems, disc brake pads without anti-squeal shims

Item #	Container Size	Pack	Old P/N
80729	2-.25 fl. oz. pouch, carded	12	126VR
80077	12 oz. aerosol can, 9 oz. net wt.	12	127MA



Permatex® Ultra Disc Brake Caliper Lube

An environmentally-friendly, green, non-melting, synthetic lubricant. It is formulated to lubricate under the most adverse brake conditions, assuring that critical caliper pins, sleeves, bushings and pistons remain lubricated throughout pad life.

Suggested Applications: Caliper pins, sleeves, bushings and pistons

Item #	Container Size	Pack
20353	2 oz. tube with nozzle	6
20356	14 g (2-7 g pouches), carded	6
24110	8 oz. brush-top bottle	6
09177*	5 g pouches, display boxed	36

* Counterman's Choice® - See also page 29.

Radiator & Fuel Tank Repair



Permatex® Quick Solder™ Radiator Repair

Seals small holes, seams, leaks in tanks and inlet/outlet tubing. Cures in only 60 minutes. Withstands normal operating temperatures and pressures. Repairs steel, brass and aluminum radiators. Excellent water, alcohol and antifreeze resistance.

Suggested Applications: Radiators in cars, trucks, farm equipment

Item #	Container Size	Pack
12195	1 oz. stick, carded	12

* See also Permatex® Professional Repair Systems Radiator Repair Kit on page 34.



Permatex® Gas Tank & Radiator Repair

Seals small holes and weak seams in gas tanks without welding or tank removal. Repairs leaks and holes in all types of radiators. Hardens in 60 minutes, permanent.

Suggested Applications: Holes and seams in gas tanks, radiators or gas cans

Item #	Container Size	Pack	Old P/N
80884	1 oz. stick, carded	12	GTR-1

* See also Permatex® Professional Repair Systems Fuel Tank & Radiator Repair Kit on page 34.



Permatex® Instant Gas Tank Repair

Instantly seals small holes in gas tanks without tank removal. Sticks to "gasoline-wet" metal. Dries to a hard seal. Hardens in 60 minutes. Easy-to-use, two-part epoxy ribbon. No measuring. Permanent.

Suggested Applications: Gas tanks in cars, trucks, farm equipment

Item #	Container Size	Pack
12020	1 oz. stick, carded	12

* See also Permatex® Professional Repair Systems Fuel Tank Repair Kit on page 34.



Item # 09104

Item # 09101

Specialized Maintenance & Repair



Lubricants *Introduction*

Lubricants

Widely known and trusted, these tried and true Permatex® lubricants work to protect and lubricate virtually every automotive part and component.

Multi-Purpose Lubricants

Ultra Slick® lubricant is the purest lubricating grease available. A colorless, odorless, general-purpose lubricant, Permatex® stands behind its quality and performance.

Specialty Lubricants

From special-mission, job-specific lubricants, protectants and dressings, to the rigors of heavy-duty needs, count on Permatex® to bring you reliability and problem-solving solutions that extend the life of your equipment.



Multi-Purpose Lubricants



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

Ultra Slick lubricant is a GC/LB grease designed for wheel bearing and general chassis lubrication. Product can be applied directly as a grease or sprayed on using an aerosol formulation. This high quality product can be used on any moving parts to provide better, longer lasting lubrication that withstands higher temperatures and is safe on more surfaces. It withstands temperatures from -45°F to 350°F (-42°C to 177°C), 450°F (232°C) intermittent. Aerosol - Level 3 ▲

Suggested Applications: Steering linkage fittings, chassis points, suspension bushings, wheel covers and bearings and studs and nuts, hood support bushings, latch assemblies, hinges, door checks, trunk locks, weather stripping, antenna base threads, body, cams, mechanical linkages, o-rings, seat tracks, headlight seals, and other moving parts.

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



▲ NFPA Fire Code 30B

Call 1.877.376.2839

Multi-Purpose Lubricants



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 ▲

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

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



Permatex® White Lithium Grease

All-purpose white lubricant for metal-to-metal and metal-to-plastic applications. Protects against rust and makes surfaces friction-free. Stainless. Nontoxic. Contains no ODCs. Withstands moisture and high heat. Level 3 ▲

Suggested Applications: Door hinges, hood latches, trunk latches, hatchback struts, seat tracks, garage door and delivery truck door tracks

Item #	Container Size	Pack	Old P/N
81981	16 oz. aerosol can, 10.75 oz. net wt.	12	195DA
80345	1.5 fl. oz. tube, carded	12	WL-9



Permatex® Silicone Spray Lubricant

Lubricates and waterproofs all types of mechanical equipment. Stops friction and squeaks. Prevents locks, doors and windows from binding. High silicone formula does not attract dust or dirt. Protects and renews rubber mountings, bushings and weather-stripping. Prevents binding, sticking and deterioration. Non-gumming. Will not mar paint, rubber or plastic surfaces. Waterproofs. Level 1 ▲

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

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



Specialty Lubricants



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 ▲

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

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



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 ▲

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

Item #	Container Size	Pack	Old P/N
80073	16 oz. aerosol can, 12 oz. net wt.	12	120DA
80074	6 oz. aerosol can, 5 oz. net wt.	12	120GA

Lubricants



Lubricants *Specialty Lubricants*

Permatex® Anti-Seize Lubricant

A highly refined blend of aluminum, copper and graphite lubricants. Use during assembly to prevent galling, corrosion and seizing. Anti-Seize assures easier disassembly. Temperature range: -60°F to 1600°F (-51°C to 871°C). Salt, corrosion and moisture resistant – ideal for marine use. Non-aerosol version meets Mil Spec #907E. Level 3 ▲

Suggested Applications: For easy removal of spark plugs, cylinder head and exhaust head bolts. **OEM INTERCHANGE, see pg. 68-73**

Item #	Container Size	Pack	Old P/N
81343	1 oz. tube, carded	12	133AR
80071	4 oz. bottle	12	—
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	—
09175*	5 g pouches, display boxed	36	—

* Counterman's Choice® - See also page 29.



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. Contains a high percentage of micro-fine copper flakes in a semi-synthetic grease carrier and is fortified with high quality rust and corrosion inhibitors. Temperature range: -30°F to 1800°F (-34°C to 982°C). Provides

good electrical conductivity. Meets Mil Spec #907E.

Suggested Applications: Spark plug threads installed in aluminum, exhaust manifold bolts, engine bolts, oxygen sensors, knock sensors, thermostat housing bolts, and fuel filter fittings

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



Permatex® Ultra Slick™ Engine Assembly Lube

Proper lubrication of metal mating surfaces is essential prior to starting a new or rebuilt engine. Ultra Slick™ adheres to component surfaces to prevent scuffing and galling during initial start-up. This high quality formulation meets or exceeds OEM performance specs for engine assembly lubricants.

Suggested Applications: Engine bearings, camshafts, lifters, valves, guides and rocker shaft assemblies

Item #	Container Size	Pack
81950	4 oz. bottle	12



Permatex® Nickel Anti-Seize Lubricant

Protects metal parts from seizing and galling at temperatures up to 2400°F (1316°C). It is recommended where copper contamination must be avoided, under conditions of extreme pressure and temperature, and with stainless steel, titanium and nickel alloys.

Suggested Applications: Exhaust manifold bolts, exhaust system bolts, muffler clamps and tailpipe assemblies

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



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.

Suggested Applications: Marine and automotive electrical connections, spark plug boots, and trailer hitches

Item #	Container Size	Pack	Old P/N
81150	.33 oz. tube, carded	12	67VR
22058	3 oz. tube, carded	6	—
09180*	5 g pouches, display boxed	36	—

* Counterman's Choice® - See also page 29.



▲ NFPA Fire Code 30B

Call 1.877.376.2839

Specialty Lubricants



Permatex® Ceramic Extreme Brake Parts Lubricant

A 100% synthetic formula, coupled with real ceramic solids make this premium brake lubricant our longest lasting, most temperature resistant way to silence brake noise. Effective from -65°F to 2800°F (-54°C to 1538°C), this product maintains its lubricating integrity under the most extreme conditions. Resistant to corrosion and contaminants, it will not wash out.

Suggested Applications:

Disc brake caliper hardware, bushings, pistons, rubber sleeves and seals

Item #	Container Size	Pack
24125	8 fl. oz. brush-top bottle	6
24124	14 g (2-7 g pouches), carded	6



Permatex® Ultra Disc Brake Caliper Lube

An environmentally-friendly, green, non-melting, synthetic lubricant. It is formulated to lubricate under the most adverse brake conditions, assuring that critical caliper pins, sleeves, bushings and pistons remain lubricated throughout pad life.

Suggested Applications:

Caliper pins, sleeves, bushings and pistons

Item #	Container Size	Pack
20353	2 oz. tube with nozzle	6
20356	14 g (2-7 g pouches), carded	6
24110	8 fl. oz. brush-top bottle	6
09177*	5 g pouches, display boxed	36

* Counterman's Choice® - See also page 29.



Permatex® Ultra Disc Brake Caliper Lube Hi-Temp Silicone Formula

A silicone-based synthetic lubricating compound with outstanding temperature resistance. Fortified with moly for superior performance in high pressure conditions, this product provides continuous lubrication and has no dropping point. Temperature range -65°F to 550°F (-54°C to 288°C) intermittent. Maintains a grease-like consistency and will not liquefy, even at extreme temperatures.

Suggested Applications: Disc brake caliper pins, slides, bushings, pistons and rubber sleeves

Item #	Container Size	Pack
24115	8 fl. oz. brush-top bottle	6



Permatex® Hydraulic Jack Oil

Improves lubrication in all types of hydraulic units. Prevents rust and sludge buildup. Permits hydraulic actuator to function properly in temperatures from -49°F to 120°F (-45°C to 48°C). Maintains proper viscosity. Contains antioxidant, anti-rust and anti-wear additives for maximum service life. Noncorrosive formula.

Suggested Applications: Floor lifts, motorcycle front forks, hydraulic hand jacks, rebuildable rear shocks

Item #	Container Size	Pack	Old P/N
80054	1 quart bottle	12	78E
80055	1 gallon bottle	6	78F



A slick way to maintain your 5th wheel. Designed by a trucker for a trucker. Simply place one envelope on each side of king pin on trailer or on each side of fifth wheel plate near the base. Slik-Pak® will burst upon engagement between tractor and trailer.

Permatex® Slik-Pak® 5th Wheel Grease

Effectively and conveniently lubricates 5th wheel top plates of trailer. Premeasured grease comes in handy pouch, requires no tools, creates no mess. Packaging disintegrates leaving no waste. Graphite lubricant designed for heavy duty applications and effective at extreme temperatures and environmental conditions.

Suggested Applications: All Fifth Wheel applications, sliding and oscillating to all vehicle types

Item #	Container Size	Pack
01010	60pk display carton	4
01020	350pk bulk carton	1





Cleaners *Introduction*



Cleaners

To meet the needs of the professionals and D-I-Yers alike, our automotive cleaners have gained wide acceptance as the highest quality products available of their kind.

Specialty Cleaners

To dissolve rust, clean plastic or remove gum and deposits from parts, there is a Permatex® specialty cleaner that will do the job. Permatex offers a complete line of professional strength cleaners that meet the highest standards and quality.



Cleaners



Permatex® Pro-Strength Brake & Parts Cleaner

Aggressively penetrates, dissolves, and removes oil, grease, and brake fluid. Dries fast with no residue. Developed for brake professionals. Contains no ODCs. Level 1 ▲

Suggested Applications: All brake systems, C.V. joints, machinery, tools, farm equipment

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

* Not for sale or use in the state of California.



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 ▲

Suggested Applications: All brake systems, C.V. joints, machinery, tools, farm equipment

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



Permatex® Eliminator® II Engine Degreaser

Quickly dissolves and removes grease, oil and dirt from all types of equipment. Cleans iron, steel, aluminum, magnesium and copper. Not harmful to metal, rubber, plastic, or concrete. Rinses off easily with water. Level 3 ▲

Suggested Applications: Engines, garage floors, tools, machinery

Item #	Container Size	Pack	Old P/N
80043	20 oz. aerosol can, 15 oz. net wt.	12	48TA



Permatex® Carburetor & Parts Cleaner

Excellent cold parts immersion cleaner. Removes grease, gum, varnish, paint and barrel carbon from carburetor assemblies and all metal parts. Works on all types of engines and equipment.

Suggested Applications: Removes gum and deposits on throttle plates or choke plates; removes grease from all metal parts

Item #	Container Size	Pack	Old P/N
82580	3.5 gal. pail with dip basket	1	46YB



Permatex® Motor Muscle® Throttle Body, Carb & Choke Cleaner

OEM certified. A high pressure spray to dissolve residue and performance robbing deposits on air intakes, carburetors and chokes of all gasoline engine-powered equipment. Oxygen sensor-safe. Improves engine performance. Level 3 ▲

Suggested Applications: Manual and automatic chokes, baffle plates, air intakes, carburetor linkages, heat risers, PCV valves

Item #	Container Size	Pack	Old P/N
80079	16 oz. aerosol can, 12 oz. net wt.	12	137DA

▲ NFPA Fire Code 30B

Cleaners *Specialty Cleaners*



Permatex® Heavy Duty Radiator Cleaner

Removes rust and scale from automotive engines, radiators and water jackets. Cleans and unclogs steam cleaner coils and boiler tubes. Not for use in aluminum radiators.

Suggested Applications: Engines, radiators, water jackets, industrial and maintenance applications

Item #	Container Size	Pack	Old P/N
80030	1 qt. plastic bottle	12	18E



Permatex® Fast Orange® Glass & Multi-Surface Cleaner

A professional strength aerosol made with our original "no-streak, non-runny orange scented formula" that cleans and deodorizes practically any surface. Can be used on a wide variety of surfaces. Level 1 ▲

Suggested Applications: Glass, stainless steel, aluminum, chrome, vinyl, plastic, enamel, laminate and more. Safe for use on film-tinted windows.

Item #	Container Size	Pack
25544	20 oz. aerosol can, 18.75 oz. net wt.	6



Permatex® Paint Stripper

Quickly strips and removes decals, stickers, stripes and paint from bumpers, auto and truck bodies. Eliminates costly and time-consuming sanding and scraping. Works in 10-15 minutes at temperatures from 40°F to 100°F (5°C to 38°C). Level 2 ▲

Suggested Applications: Various types of paint

Item #	Container Size	Pack	Old P/N
80577	16 oz. aerosol can, 12 oz. net wt.	12	161DA



Permatex® Rust Dissolver Gel

Chemically dissolves rust from all iron and steel surfaces. Brush or spray on, wash off rust with cloth. Replaces sanding and scraping.

Suggested Applications: Iron and steel surfaces on cars, trucks, motorcycles

Item #	Container Size	Pack	Old P/N
81756	8 fl. oz. bottle	12	NJ-1A
82138	12 fl. oz. spray	6	



Permatex® Plastic Cleaner

Cleans most plastics, without scratching. Removes grease, stains and dirt. Forms a water-repellent, anti-static shield which resists fogging.

Suggested Applications: Plastic window, canopies, instrument covers, goggles, lenses, motorcycle fairings, helmets, boat windshields and fiberglass hulls

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



See also *No Touch® Perfect Plastic™* on page 49.

Specialty Cleaners



Permatex® Electrical Contact Cleaner

HCFC Free cleaner ideal for sensitive electrical and electronic parts. The nonconductive and noncorrosive cleaner dries in seconds with no rinsing required. Removes grease, oil and other surface contaminants. Safe on all metal surfaces and many plastics. Level 1 ▲

Suggested Applications: Switches, contacts, relays, motors, PC boards, connectors, tape heads, scales, sensors, control panels

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



Permatex® Battery Cleaner

Spray it on and wash corrosion off. Works in just three minutes. Penetrates and removes corrosion, dirt and grime instantly. Cleans all types of storage batteries and attachments in emergency power supply systems. Level 1 ▲

Suggested Applications: Automotive, marine, farm machinery and motorcycle batteries, cables, and terminal connections

Item #	Container Size	Pack	Old P/N
80369	6 oz. aerosol can, 5.75 oz. net wt.	12	SA-8



Cleaners

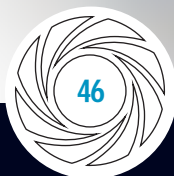
▲ NFPA Fire Code 30B



Maintenance & Performance Additives *Introduction*



NOS® Automotive Chemicals from Permatex® achieve notable performance gains through the use of unique chemical blends and race proven technology. NOS® Automotive Chemicals employ proprietary chemistries to enhance performance, and engine life. NOS® chemistries will boost octane, clean components, and optimize engine efficiency. It is this commitment to quality, proven effectiveness, and performance history that has made NOS® a name that is synonymous with performance.



Octane Boosters



NOS® Max Street™ Octane Booster

NOS maximum performance for the street was developed to increase octane effect up to 30 points or 3 octane numbers. Blended with the strongest MMT concentration allowed by law for street use. Also contains our unique performance-enhancing Powertane. Restores and improves horsepower. Improves gas mileage, eliminates knocks, pings, and hesitation. Protects against carbon deposits in the fuel injectors and combustion chamber.

P/N	Container Size	Pack
12003	16 fl. oz. bottle	6



NOS® Octane Booster Street Formula

NOS performance for any gasoline powered street vehicle. Developed to increase octane effect up to 30 points or 3 octane numbers. Blended with MMT and our unique performance-enhancing Powertane.

Item #	Container Size	Pack
12002	12 fl. oz. bottle, boxed	6



NOS® Octane Booster Off-Road Formula

NOS performance for the off-road enthusiast. Developed to increase octane effect up to 50 points or 5 full octane numbers in trucks and sports utility vehicles (SUVs). Blended with MMT and our unique performance-enhancing Powertane.

Item #	Container Size	Pack
12007	12 fl. oz. bottle, boxed	6



NOS® Octane Booster Racing Formula

NOS performance for the serious racing enthusiast. Developed to increase octane effect up to 60 points or 6 full octane numbers. Blended with MMT and our performance-enhancing Powertane, along with Nitro Methane and unique lubricants specially developed for high performance engines.

Item #	Container Size	Pack
12010	12 fl. oz. bottle, boxed	6



Cleaners and Additives



NOS® Complete Fuel System Cleaner

NOS performance and cleaning for your fuel system. Uniquely formulated to provide maximum cleaning for your entire fuel system, and carbureted and fuel injected engines. Includes NOS's uniquely blended performance-enhancing Powertane.

Item #	Container Size	Pack
12200	12 fl. oz. bottle, boxed	6



NOS® Fuel Injector Cleaner and Performance Enhancer

NOS performance and cleaning for your fuel injected engines. Restores lost horsepower, cleans fuel injectors and also provides additional performance with NOS's unique Powertane formula.

Item #	Container Size	Pack
12100	12 fl. oz. bottle, boxed	6



Appearance Products *Introduction and Tire Care*

No Touch®

A member of the Permatex® portfolio, No Touch® invented the tire care category in 1990 by developing a product that was superior in all respects — innovative, top-notch quality and easy to use. It's patented formulation of its original one-step tire care products revolutionized the category, and No Touch® has been a technology and market leader ever since.



No Touch® Original Tire Care

This original, patented formula established the one-step tire care category. No Touch® Tire Care leaves a rich, satin finish and a protective barrier that prevents surface cracking and discoloration while helping to repel dirt, dust and moisture. Level 1 ▲

Suggested Applications: Blackwall tires

Item #	Container Size	Pack	Old P/N
23549	18 oz. net wt. aerosol can	6	NTBP15-6
23579	21 oz. net wt. aerosol can	6	NT21-6



No Touch® High Shine Tire Care

New and improved High Shine Tire Care provides twice as much shine as the old High Shine formula. The patented formula deep cleans and protects while leaving a long lasting high gloss shine. Guards against premature cracking by providing the maximum level of UV and ozone protection. No wiping, no rubbing, no mess. Just spray and walk away. Level 1 ▲

Suggested Applications: Blackwall tires

Item #	Container Size	Pack	Old P/N
36052	21 oz. net wt. aerosol can	6	NTHS21-6

Wheel Cleaner



No Touch® All Wheel Care® Wheel Cleaner

All Wheel Care® Cleans, Shines and Protects wheels. This unique foaming formula loosens road grime and brake dust for easy removal, while adding a gorgeous shine and a protective barrier. Just rub, rinse and buff. Contains no acids. Level 1 ▲

Suggested Applications: All wheels, rims and hubcaps

Item #	Container Size	Pack	Old P/N
36053	20 oz. net wt. aerosol can	6	AWC20-6



▲ NFPA Fire Code 30B

Call 1.877.376.2839



Tire Dressing



No Touch® Seriously Wet™ Extreme Tire Shine

Serious tire shine for serious car enthusiasts! Our wettest tire shine sprays on wetter for an exceptionally lasting ultra high-gloss “wet” finish. Provides tires with an irresistibly rich deep black shine. Protects tires from UV and ozone damage. Level 3 ▲

Suggested Applications: Blackwall tires

Item #	Container Size	Pack	Old P/N
36098	15 oz. net wt. aerosol can	6	NTSW15-6



No Touch® Wet’N’Protect™ “Wet” Tire Finish

Our all-around premium “wet look” formula provides an ultra high-gloss finish. Protects against dirt, dust and ozone damage. Streak-free, guaranteed. Prevents cracking and swelling. Level 3 ▲

Suggested Applications:

Blackwall tires

Item #	Container Size	Pack	Old P/N
36051	15 oz. net wt. aerosol can	6	WPBP15-6

Plastic & Glass Care



No Touch® Perfect Plastic™

A premium plastic cleaner and polish that cleans without scratching to produce a smooth lustrous finish on clear and pigmented plastic surfaces. Excellent for removing fine scratches, oxidation, yellowing, insects, and grime. Forms a water repellent, anti-static shield that resists fogging. Safely cleans Plexiglas™ acrylic glass, LEXAN® (polycarbonate) and fiberglass surfaces.

Suggested Applications: Motorcycle and boat windshields, convertible top windows, fiberglass hulls, headlights, goggles, helmets, lenses, dis-

play cases, polished metals, stainless steel, plus other automotive, motorcycle, RV, powersports, marine and home surfaces.

Item #	Container Size	Pack
80185	16 fl. oz. pump bottle	6



No Touch® Glass & Surface Cleaner

This extra-strength, clear liquid automotive formula safely cleans glass and hard surfaces like bumpers and chrome. Powerful, grease cutting, streak-free cleaning without harm to delicate surfaces.

Suggested Applications: Glass, vinyl, chrome, plastic, fiberglass and more. Use on windshields, mirrors, headlights, dashboards and plastic or vinyl interiors, plastic and chrome bumpers, and exterior trim

Item #	Container Size	Pack	Old P/N
95220	22 fl. oz. pump bottle	12	GSC20-12



No Touch® Auto Glass Stripper®

A heavy-duty cleaner specially formulated for auto windshields. It removes silicone build-up, hard water stains, mud, oil, bugs, and tar that other cleaners cannot.

Suggested Applications: All cars, trucks, vans, RVs (Also use as a periodic pre-treatment before using No Touch® Rain Shield®)

Item #	Container Size	Pack	Old P/N
95208	8 fl. oz. bottle	12	GS8-12



No Touch® Instant Rainshield® Windshield Coating

A revolutionary formula that improves visibility with hands-free application. Spray on in rainy conditions and apply using the wipers. Forms an instant coating on windshields to repel rain, sleet and snow. Raindrops bead off windshield above 35 mph. Great for highway driving. Level 2 ▲

Suggested Applications: All cars, trucks, vans, RVs and boats (Use on glass, polycarbonate and LEXAN®)

Item #	Container Size	Pack	Old P/N
93106	6 oz. net wt. aerosol can	12	RS6-12

Appearance Products



Hand Cleaners *Introduction*







Waterless 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. For the most difficult to remove soils...Permatex® has the best products for your working hands.

Permatex® Hand Cleaner Reference Chart

Cleaning Requirements	Recommended Permatex Product	Pumice	Cream/Lotion	Biodegradable	Type Of Solvent
Heavy Duty Soils					
	Trounce® Hand Cleaner	Yes	Cream/Lotion	No	Petroleum
Heavy Duty Soils (Paint, Resin Type Soils)					
	Parr® Painter's Clean™ Hand Cleaner	Yes	Lotion	Yes	Esters
Heavy to Medium Duty Soils					
	Fast Orange® Pumice Hand Cleaner Fast Orange® Dry Skin Formula Fast Orange® Wipes	Yes Yes No	Cream/Lotion Lotion —	Yes Yes —	Natural Citrus Natural Citrus Natural Citrus
Medium Duty Soils					
	Fast Orange® Smooth Hand Cleaner Blue Label™ Hand Cleaner Fast Orange® Bar Soap	No No Yes	Cream/Lotion Cream —	Yes No —	Natural Citrus Petroleum —



Waterless Hand Cleaners



Permatex® Fast Orange® - Fine Pumice and Smooth Lotion Hand Cleaner

The #1 selling, biodegradable, waterless, petroleum solvent-free hand cleaner that contains no harsh chemicals, mineral oils or ammonia that can sting cuts and abrasions. Pure, fresh-smelling natural citrus power does the cleaning. Fortified with aloe, lanolin, glycerin, and other skin conditioners. Fine Pumice or Smooth Formula gently deep cleans the toughest dirt. Works great on laundry stains, scuff marks, tile floors, pet odors and many other household cleaning needs.

Suggested Applications: Resins, oil, grease, tar, grime, soil, printers' ink, epoxies, paint, rubber cement, gasket and tile cements

Item #	Container Size	Pack	Item #	Container Size	Pack
23108	smooth, 7.5 fl. oz. bottle	12	25108	pumice, 7.5 fl. oz. bottle	12
23113	smooth, 15 fl. oz. bottle with nail brush	12	25113	pumice, 15 fl. oz. bottle with nail brush	12
23115	smooth, 15 fl. oz. pump bottle	6	25116	pumice, 15 fl. oz. squeeze bottle	12
23116	smooth, 15 fl. oz. squeeze bottle	12	25217	pumice, 1/2 gallon bottle with pump	6
23217	smooth, 1/2 gallon bottle with pump	6	25218	pumice, 1 gallon bottle with pump	4
23218	smooth, 1 gallon bottle with pump	4	25219	pumice, low profile 1 gallon bottle with pump	4
23104†	smooth, 1 gallon flat-top bottle	4	25104†	pumice, 1 gallon flat-top bottle	4
			23507	pumice, 3 oz. tube (Merchandising clip strip included!)	24

† For use with 95140 Universal Dispenser - see page 53.

Wall-mounted wire bracket also available for gallon bottles - see page 53.

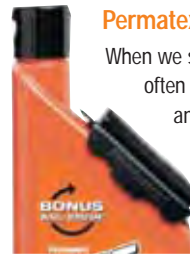


Permatex® Fast Orange® Dry Skin Formula Hand Cleaner

Now with no added dyes. Developed specifically for professional automotive technicians, Fast Orange® Dry Skin Formula helps reduce the symptoms of dry, cracked skin. The natural citrus formula has a unique polymeric skin conditioning system that leaves hands feeling smoother, while it quickly and gently deep cleans the toughest dirt. Biodegradable, petroleum solvent-free and nontoxic, it also contains aloe, lanolin, glycerin & other premium skin conditioners.

Suggested Applications: Resins, oil, grease, tar, grime, soil, printers' ink, epoxies, paint, rubber cement, gasket and tile cements

Item #	Container Size	Pack
27218	1 gallon bottle with pump	4



Permatex® Nail Brush

When we surveyed mechanics, they told us that they often have trouble removing deep-down grease and dirt from their hands and around their fingernails. In response, we integrated a bonus Permatex® Nail Brush featuring multi-level bristles, two nail scrapers, and easy-to-grip ridged sides.

The Nail Brush easily reattaches to the bottle for convenient storage. It comes attached to our 15 oz. Brush-Up™ bottles of Fast Orange® Pumice Lotion (#25113), Fast Orange® Smooth Lotion (#23113) and Parr® Painter's Clean™ Hand Cleaner, making it quick and easy to thoroughly clean your hands.



Hand Cleaners

Hand Cleaners *Waterless Hand Cleaners*



Permatex® Fast Orange® Cream Hand Cleaner

A cream version of our #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, Fast Orange® is the choice for working hands. Also works great on laundry stains, pet odors and many other household cleaning needs.

Suggested Applications: Resins, oil, grease, tar, grime, soil, printers' ink, adhesives, paint, scuff marks along with gasket and tile cements.

Item #	Container Size	Pack
35013	pumice, 14 oz. plastic tub	12
35406†	pumice, 4.5 lb. container	6
33013	smooth, 14 oz. plastic tub	12
33406†	smooth, 4.5 lb. container	6



DL® Permatex® Trounce® Lotion and Cream Hand Cleaner

Pleasantly scented with finely ground pumice for deep scrubbing to remove the most difficult soils. Ideal for removing semi-dried glazes on hands such as paint and gasket cement. This fast-acting formula won't irritate hands or leave a greasy residue. Professional strength, contains aloe vera and lanolin to condition skin.

Suggested Applications:

Oil, grease, tar, grime, soil, resins, printers' ink, epoxies, paint, tile cement and stains, gasket cements and adhesives

Item #	Container Size	Pack
03406†	4.5 lb. plastic tub, cream	6
21218	1 gal. bottle with pump, lotion	4



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 Permatex® 95140.

Suggested Applications: Oil, grease, tar, grime, soil, resins, printers' ink, epoxies, paint, rubber cement, gasket and tile cements

Item #	Container Size	Pack
01013*	14 oz. plastic tub	12
01406†	4.5 lb. plastic tub	6

* Now Available with Laundry Pre-Stain Formula!

Painter's Clean™ ...A Safer Alternative to Harsh Solvents and Thinners!



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 soils. Readily biodegradable*, nontoxic and non-flammable, Painter's Clean™ Hand Cleaner has the muscle to clean where most hand cleaners fall short.

Suggested Applications:

Stains, varnish, lacquer, urethane adhesives and paints, resins, clear coats, body fillers, primers, oil-based paints, silicones, printer's ink, oil, and grime

Item #	Container Size	Pack
65116	15 fl. oz. Brush-Up™ bottle	6
65217	60 fl. oz. with pump	4



Bar Soap



Permatex® Fast Orange® Pumice Bar Hand Soap

A new way to clean everyday soils from hands. The large, 5.75 oz. soap bar contains fine pumice for thorough cleaning and leaves hands feeling soft. Ideally suited for the cleaning needs of automotive technicians.

Suggested Applications: Oil, grease, grime, paint & other everyday soils.

Item #	Container Size	Pack
25575	5.75 oz. bars with display carton	24

Wipes



Permatex® Fast Orange® Hand Cleaner Wipes

Removes 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.

Suggested Applications:

Removes grease, grime, oils, soil, gasket cement, glues, and inks.

Item #	Container Size	Pack
25025	25-count bucket	6
25030	30-count bucket	6
25072	72-count bucket	6

Accessories



Universal Dispenser

The 95140 Universal dispenser allows for metered use of all DL® 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
95140	universal dispenser	1

Hand Cleaner Merchandising/Promotion

Permatex® Fast Orange® Mini Display

Ideal for aisle ends, automotive, hardware, paint, lawn & garden, and sporting goods departments. Prepacked with skid — just remove shipping carton and you are ready to sell.

Case: 8.75 cu. ft., 235 lbs., 24" x 14" x 45"

Item # 30055*
Container Size
 24 x (25218) Pumice, 1 gallon bottles
Pack 1



Hand Cleaners



Wall-Mounted Wire Bracket

Convenient wall-mounted wire bracket for out-of-the-way storage of your favorite gallon of Permatex® hand cleaner. Designed to fit our standard and low profile gallons (25219, 23218, 25218, 27218, 21218, 65217).

Item #	Pack
90128	1

* Made to order or contact your Permatex Sales Representative for details.



Hand Protection *Introduction*

Everyday, technicians' hands come in contact with a variety of harsh chemicals, petroleum based-products and other tough soils. Over time, exposure to these materials can cause serious skin damage and other health problems.

Hand protection is also needed against nicks, cuts and burns while maintaining finger dexterity and feel. Permatex offers a variety of gloves to safeguard technicians' hands from harmful substances and harsh work environments.



Disposable & Mechanics Gloves



Permatex® Latex Disposable Gloves

Natural latex gloves are ideal for general automotive and industrial repair work.* They fit either hand while providing superior manual dexterity. Lightly powdered, the gloves are easy to put on and take off. Each glove features textured fingers that are ideal for gripping dirty parts and tools. Permatex® Latex Disposable Gloves provide comfortable, all-purpose hand protection at an economical price.

Suggested Applications: Ideal for all mechanical repairs that do not require extensive chemical resistance.

Item #	Container Size	Pack
09189	10-ct. Bag - One Size Fits All	12 bags
09193	50-ct. Box - Large	6 boxes
09181	100-ct. Box - Medium	10 boxes
09182	100-ct. Box - Large	10 boxes
09183	100-ct. Box - X-Large	10 boxes

Permatex® Mechanics Gloves

Mechanics Gloves safeguard hands from harsh work environments where superior hand protection is required. Designed to offer durable, comfortable protection, the triple layer fabric prevents against nicks, cuts and abrasions.*** Mechanics gloves are tough and lightweight, and feature an elastic cuff with an adjustable hook and loop closure to ensure a secure fit.

Suggested Applications: Ideal for all mechanical repairs that do not require extensive chemical resistance.

Item #	Container Size	Pack
85305	1 pair - Medium	12 pairs
85310	1 pair - Large	12 pairs
85315	1 pair - X-Large	12 pairs
85320	1 pair - XX-Large	12 pairs

Permatex® Nitrile Disposable Gloves

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

Suggested Applications: Excellent protection from greases, oil, diesel fuel, acids and many petroleum-based products.

Item #	Container Size	Pack
09194	50-ct. Box - X-Large	6 boxes
09184	100-ct. Box - Medium	10 boxes
09185	100-ct. Box - Large	10 boxes
09186	100-ct. Box - X-Large	10 boxes
09191	100-ct. Box - XX-Large	10 boxes



Hand Protection

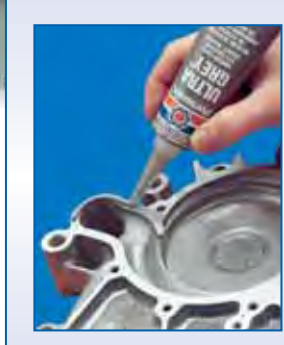
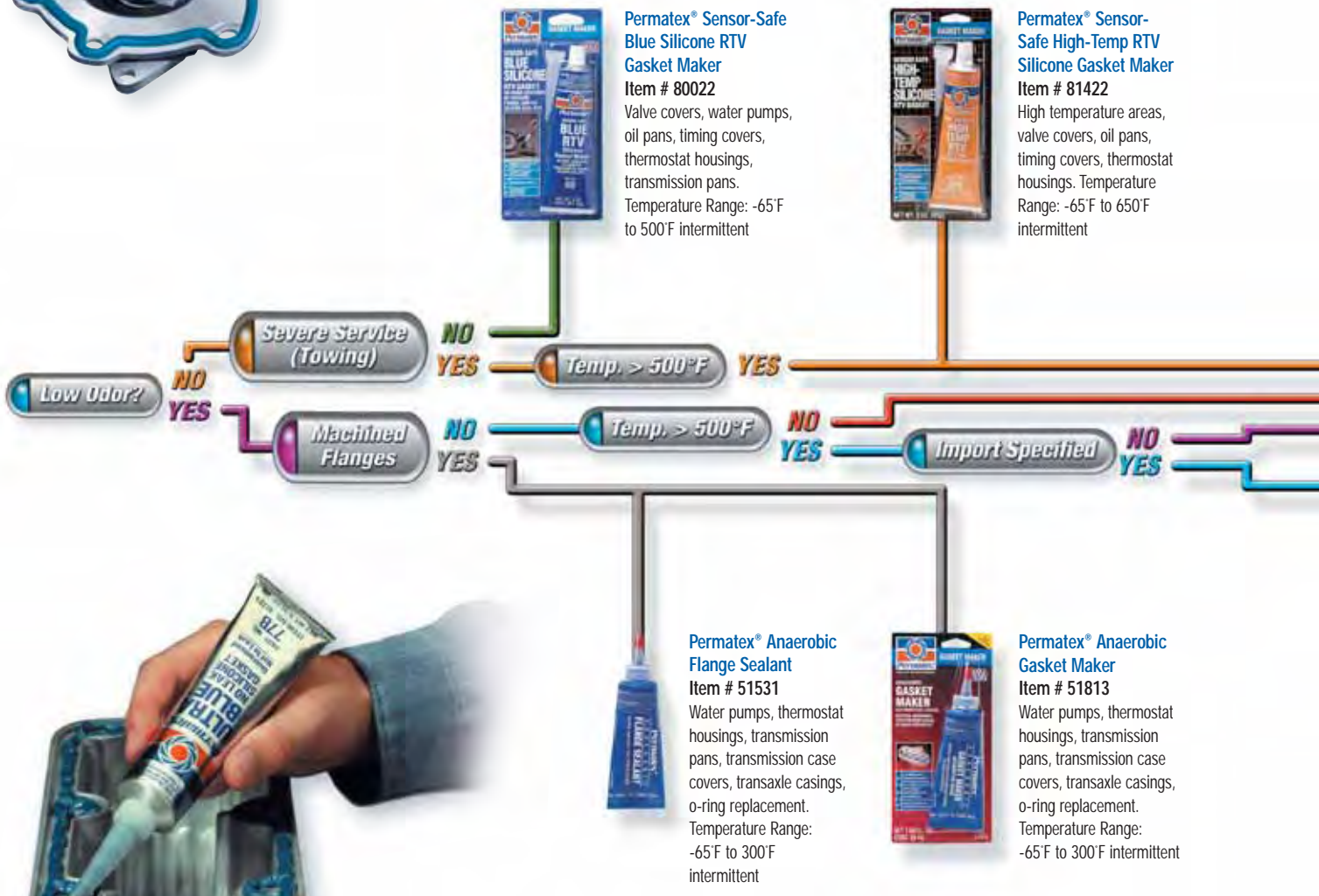
* This product contains natural rubber latex, which may cause allergic reactions in some individuals.

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

*** Does not protect against chemical compounds or hot exhaust systems. Gloves are not fire retardant or flame proof.



Gasket Maker Selector



Permatex® Sensor-Safe Blue RTV Silicone Gasket Maker
 80022 3 oz. tube, carded
 80628 11 oz. cartridge
 81860 7.25 oz. Automatic Tube®
 85860 7.25 oz. PowerBead®

Permatex® Anaerobic Flange Sealant
 51531 50 ml tube
 51580 300 ml cartridge

Permatex® Anaerobic Gasket Maker
 51817 6 ml tube, carded
 51813 50 ml tube, carded
 51845 300 ml cartridge

Permatex® High-Temp RTV Red Silicone Gasket Maker
 81160 3 oz. tube, carded
 81409 11 oz. cartridge
 85915 7.5 oz. PowerBead®

Permatex® Sensor Safe High-Temp RTV Silicone Gasket Maker
 81422 3 oz. tube, carded
 81686 11 oz. cartridge

Permatex® Ultra Copper® Maximum Temperature RTV Silicone Gasket Maker
 81878 3 oz. tube, carded
 82571 13 oz. cartridge



Permatex® High-Temp Red RTV Silicone Gasket Maker
Item # 81160
 Valve covers, oil pans, timing covers, water pumps, thermostat housings, transmission pans. Temperature Range: -65°F to 650°F intermittent



Permatex® Ultra Blue® RTV Silicone Gasket Maker
Item # 81724
 Valve covers, oil pans, differential housings, intake manifold end seals, timing covers, thermostat housings. Temperature Range: -65°F to 500°F intermittent



Permatex® Water Pump & Thermostat RTV Silicone Gasket
Item # 22071
 Water pump, thermostat housings. Temperature Range: -65°F to 650°F intermittent



Permatex® Ultra Black® RTV Silicone Gasket Maker
Item # 82180
 Valve covers, oil pans, intake manifold end seals, timing covers, thermostat housings. Temperature Range: -65°F to 500°F intermittent

High Temperature Applications

NO YES

Instant Seal

YES NO

OEM Specified

NO YES

Instant Seal

NO YES



Permatex® Ultra Copper® RTV Silicone Gasket Maker
Item # 81878
 Exhaust manifolds/headers, valve covers, oil pans, timing covers, thermostat housing, water pumps. Temperature Range: -65°F to 700°F intermittent



Permatex® Ultra Grey® RTV Silicone Gasket Maker
Item # 82194
 Valve covers, oil pans, intake manifold end seals, timing covers, thermostat housings, water pumps. Temperature Range: -65°F to 500°F intermittent



Permatex® the Right Stuff® for Imports Gasket Maker
Item # 85144
 Formulated for imports. Automotive gaskets, valve covers, transmission pans, oil pans, thermostat housings, water pumps. Temperature Range: -75°F to 450°F; 500°F intermittent



Permatex® the Right Stuff® Gasket Maker
Item # 25224
 Automotive and marine gaskets, valve covers, gear box covers, pumps, compressors, oil pans, thermostat housings, water pumps. Temperature Range: -75°F to 450°F; 500°F intermittent

Permatex® Ultra Blue® Multi-Purpose RTV Silicone Gasket Maker

81724	3.35 oz. tube, carded
85519	9.5 oz. PowerBead®
81725	13 oz. cartridge

Permatex® Water Pump & Thermostat RTV Silicone Gasket

22071	.5 oz. tube, carded
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Permatex® Ultra Grey® Rigid High-Torque RTV Silicone Gasket Maker

82194	3.5 oz. tube, carded
85084	9.5 oz. PowerBead®
82195	13 oz. cartridge®

Permatex® the Right Stuff® for Imports Gasket Maker

85144	7.5 oz. PowerBead®
34311	5 oz. cartridge
34310	10.1 fl. oz. cartridge

Permatex® Ultra Black® Maximum Oil Resistance RTV Silicone Gasket Maker

82180	3.35 oz. tube, carded
24105	13 oz. cartridge
82080	8.75 oz. Automatic Tube®
85080	9.5 oz. PowerBead®
22072	.5 oz. tube, carded

Permatex® the Right Stuff® Gasket Maker

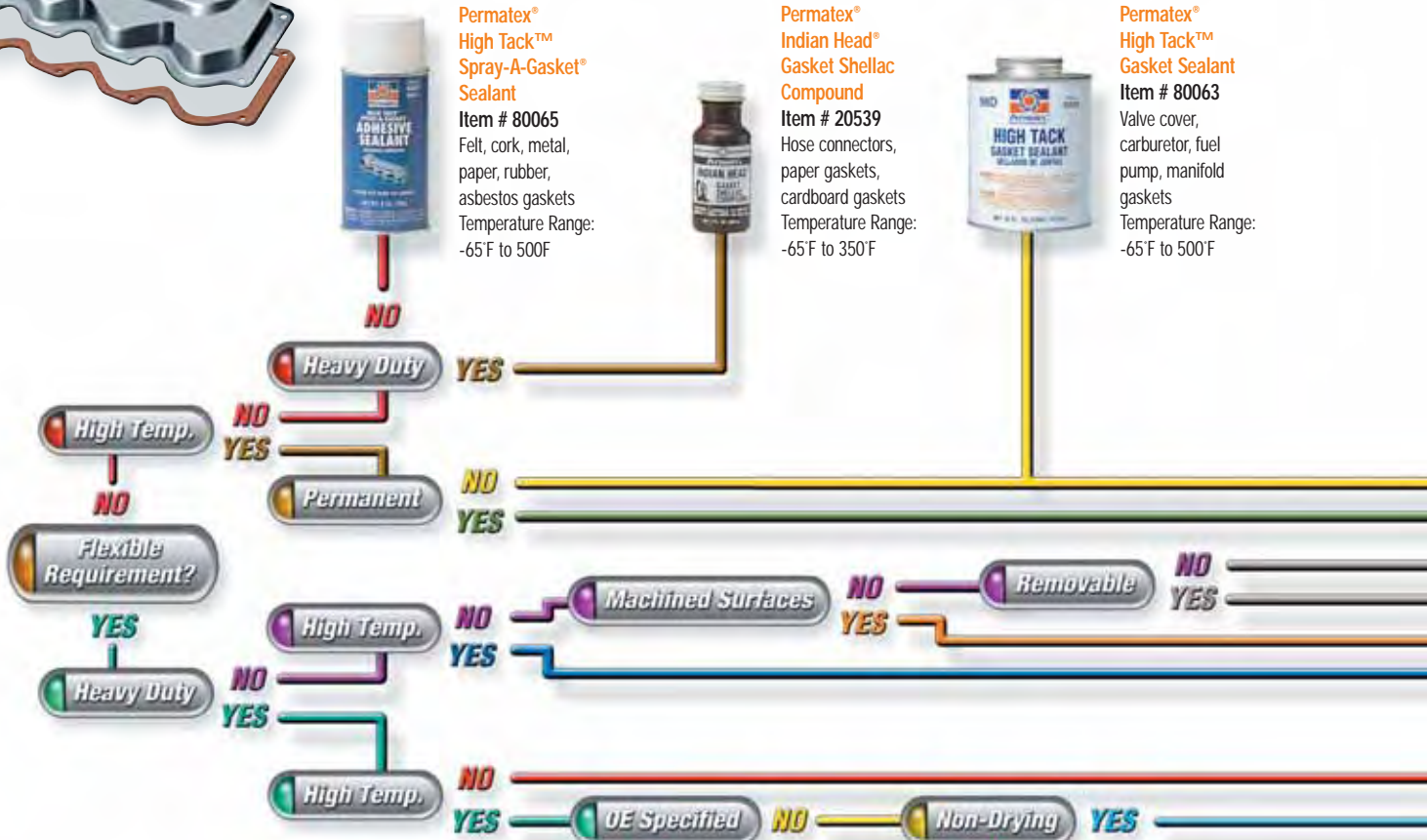
25229	3 oz. Automatic Tube®, carded
25223	4 oz. Automatic Tube®
25224	7 oz. Automatic Tube®
85224	7.5 oz. PowerBead®
33694	10.1 fl. oz. cartridge
29208	5 oz. cartridge
99070	5 oz. cartridge, 2 pack

Gasket Maker Selector





Gasket Dressing Selector



Permatex® Hi-Temp RTV Silicone Gasket Sealant
Item # 22073
 As a dressing/sealant for transmission pan gaskets, water pumps, oil pan gaskets, thermostats
 Temperature Range: -75 F to 600 F



Permatex® High Tack Form-A-Gasket® 1372 Sealant
Item # 80088
 Coating and sealing exhaust gaskets, flanges and connections, and other heavy duty applications
 Temperature Range: -65 F to 600 F

Permatex® High Tack™ Spray-A-Gasket® Sealant
 80064 6 oz. aerosol can, 4.75 oz. net wt.
 80065 12 oz. aerosol can, 9 oz. net wt.

Permatex® Indian Head® Gasket Shellac Compound
 20539 2 oz. bottle, 12 pack

Permatex® High Tack™ Gasket Sealant
 80062 4 oz. can
 80063 16 oz. can

Permatex® Hi-Temp RTV Silicone Gasket Sealant
 22073 .5 oz. tube, carded

Permatex® High Temperature Form-A-Gasket® 1372 Sealant
 80088 7 fl. oz. tube, carded

Permatex® Super High Tack™ Gasket Sealant
 80060 1.75 oz. tube, carded





Permatex® Super High Tack™ Gasket Sealant
Item # 80060
 Rubber, cork, paper, composite gaskets, hose connections
 Temperature Range: -65°F to 500°F



Permatex® Form-A-Gasket® No. 1 Sealant
Item # 80007
 Freeze plugs, threaded connections, manifold gaskets
 Temperature Range: -65°F to 400°F



Permatex® Tack & Seal™ Sealant
Item # 80938
 Air conditioning fuel fittings, radiator hoses, PVC fittings and cork, paper, cardboard, felt and metal gaskets
 Temperature Range: -65°F to 400°F



Permatex® Form-A-Gasket® No. 2 Sealant
Item # 80011
 Valve covers, oil pan gaskets
 Temperature Range: -65°F to 400°F



Permatex® Ultra Rubber Gasket Sealant & Dressing
Item # 85409
 Use with rubber gaskets including valve cover & oil pan gaskets, thermostat housings, transmission pans, intake gaskets, gear boxes, axle assemblies
 Temperature Range: -65°F to 400°F



Permatex® Super 300® Form-A-Gasket® Sealant
Item # 80057
 Valve cover gaskets, compressors, diesel engine heads
 Temperature Range: -65°F to 400°F



Permatex® Copper Spray-A-Gasket® Hi-Temp Adhesive Sealant
Item # 80697
 Cylinder head gaskets, carburetor gaskets, exhaust manifold gaskets, high temp. applications. Compatible with gasoline
 Temperature Range: -50°F to 500°F



Permatex® Aviation Form-A-Gasket® No. 3 Sealant
Item # 80017
 Close-fitting machined surfaces, sealing hoses, solid gasket dressings. Compatible with gasoline
 Temperature Range: -65°F to 400°F

Permatex® Ultra Rubber Gasket Sealant & Dressing
 85409 1 oz. tube, carded

Permatex® Form-A-Gasket® No. 1 Sealant
 80007 1.5 oz. tube, carded
 80008 3 oz. tube, carded
 80003 11 oz. tube, boxed

Permatex® Super "300"® Form-A-Gasket® Sealant
 80057 4 oz. bottle

Permatex® Tack & Seal™ Gasket Sealant
 80938 1.25 oz. tube, carded

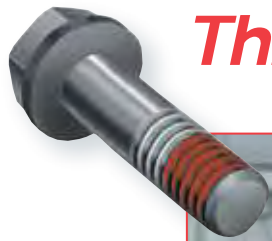
Permatex® Copper Spray-A-Gasket® Hi-Temp Adhesive Sealant
 80697 12 oz. aerosol can, 9 oz. net wt.

Permatex® Form-A-Gasket® No. 2 Sealant
 80015 1.5 oz. tube, carded
 80016 3 oz. tube, carded
 80011 11 oz. tube, boxed

Permatex® Aviation Form-A-Gasket® No. 3 Sealant
 80019 4 oz. bottle
 80017 16 oz. bottle

Gasket Dressing Selector





Threadlocker Selector



**Permatex®
Penetrating Grade
Threadlocker GREEN**
Item # 29040
Bolts on alternators,
air conditioning
belts, distributor
clamps, carburetor
adjustment screws,
hairline cracks
Temperature Range:
-65°F to 300°F



Gel Twist™ 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.





Permatex® High Strength Threadlocker RED
Item # 27140
 Cylinder block studs, rocker arm studs, ring gear bolts, frame bolts, shock absorber bolts
 Temperature Range: -65°F to 300°F



Permatex® Permanent Strength Threadlocker RED
Item # 26240
 Cylinder block bolts, ring gear bolts, transmission shaft bolts
 Temperature Range: -65°F to 300°F



Permatex® High Temperature Threadlocker RED
Item # 27200
 Camshaft sprocket bolts, idler bearings, press fit filler tubes, transmission input and output shaft threads, ring gear or shock bolts
 Temperature Range: -65°F to 450°F



Permatex® Large Diameter Threadlocker RED
Item # 27740
 Frame brackets, suspension fasteners, shock absorber mounts, wheel studs
 Temperature Range: -65°F to 300°F



Permatex® Surface Insensitive Threadlocker BLUE
Item # 24027
 Rocker studs, rocker adjustment bolts, valve cover bolts, oil pan bolts, disc brake caliper bolts, alternator mounting bolts, pulley assemblies, intake bolts
 Temperature Range: -65°F to 300°F



Permatex® Medium Strength Threadlocker BLUE
Item # 24240
 Valve cover bolts, water pump bolts, oil pan bolts, rocker adjustment arm nuts, carburetor studs, case cover bolts, shift lever nuts, disc brake caliper bolts, intake manifold bolts, alternator mounts
 Temperature Range: -65°F to 300°F



Permatex® Low Strength Threadlocker PURPLE
Item # 24024
 Carburetor screws, relay lock screws, headlamp screws, throttle body assembly screws, choke assembly screws, fuel injection set screws, body panel mounting fasteners
 Temperature Range: -65°F to 300°F

Permatex® Low Strength Threadlocker PURPLE

24024 6 ml tube, carded

Permatex® Medium Strength Threadlocker BLUE

19960 5 ml polybag
 24206 2.5 ml bottle, carded
 24200 6 ml tube, carded
 24240 36 ml bottle, carded
 24283 90 ml bottle

Permatex® Medium Strength Threadlocker BLUE Gel

24005 5 g applicator, carded
 24010 10 g applicator, carded

Permatex® Surface Insensitive Threadlocker BLUE

24027 6 ml tube, carded
 24300 10 ml bottle, carded

Permatex® High Strength Threadlocker RED Gel

27005 5 g applicator, carded
 27010 10 g applicator, carded

Permatex® High Strength Threadlocker RED

19961 5 ml polybag
 27100 6 ml tube, carded
 27140 36 ml bottle, carded
 27183 90 ml bottle

Permatex® Permanent Strength Threadlocker RED

19962 6 ml tube, carded

Permatex® Large Diameter Threadlocker RED

27740 36 ml bottle, carded

Permatex® High Temperature Threadlocker RED

24026 6 ml tube, carded
 27200 10 ml bottle, carded
 27240 36 ml bottle, carded

Permatex® Penetrating Grade Threadlocker GREEN

29000 6 ml tube, carded
 29040 36 ml tube, carded

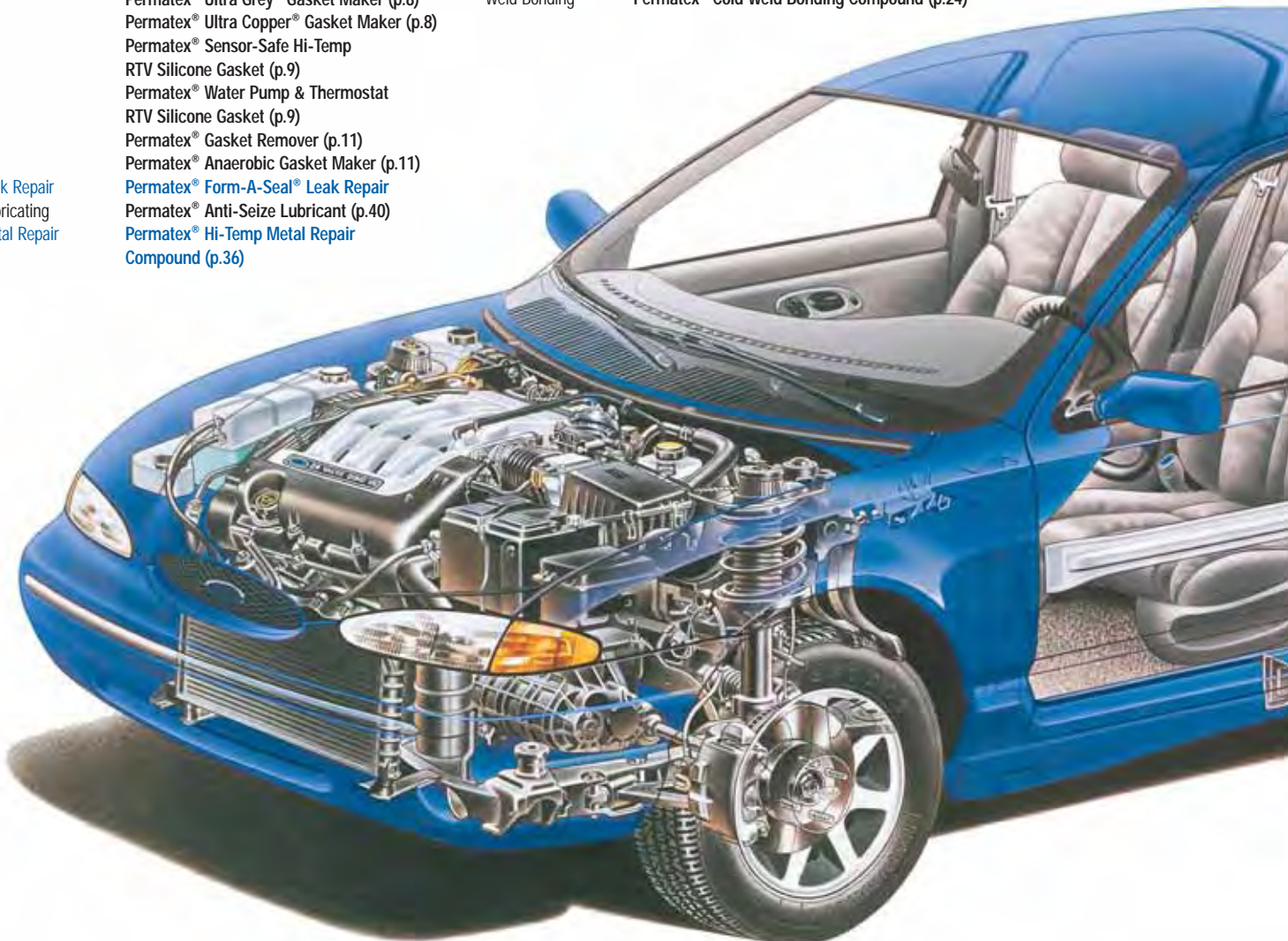




Complete Auto Care

Under Hood

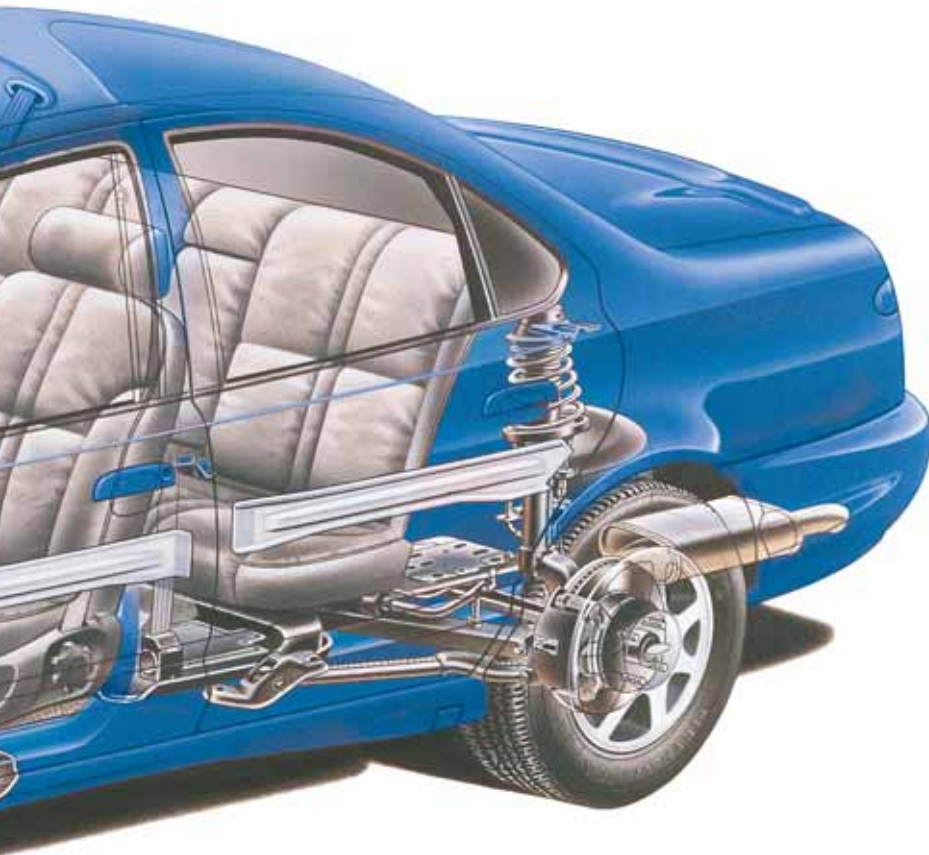
Maintenance	Solution	Maintenance	Solution
Battery	Permatex® Battery Cleaner (p.31) Permatex® Battery Protector (p.31)	Radiator Repair	Permatex® Gas Tank & Radiator Repair (p.37) Permatex® Quick Solder™ Radiator Repair Kit (p.37) Permatex® Professional Repair Systems Radiator Repair Kit (p.34)
Belts	Permatex® Belt Dressing (p.39)	Sealing	Permatex® High Temperature Thread Sealant (p.19)
Brakes	Permatex® Brake & Parts Cleaner (p.43)	Threadlocking	Permatex® Medium Strength Threadlocker Blue (p.16) Permatex® Surface Insensitive Strength Threadlocker Blue (p.16) Permatex® High Strength Threadlocker Red (p.17) Permatex® Penetrating Grade Threadlocker Green (p.17)
Engine Pings/Knocks	NOS® Octane Boosters (p.47)	Thread Repair	Permatex® Professional Repair Systems Stripped Thread Repair Kit (p.20)
Engine Deposits	NOS® Complete Fuel System Cleaner (p.47) NOS® Fuel Injector Cleaner (p.47)	Tune-Up	Permatex® Tune-Up Kit (p.31)
Gaskets	Permatex® the Right Stuff® Gasket Maker (p.7) Permatex® Ultra Black® Gasket Maker (p.8) Permatex® Ultra Blue® Gasket Maker (p.8) Permatex® Ultra Grey® Gasket Maker (p.8) Permatex® Ultra Copper® Gasket Maker (p.8) Permatex® Sensor-Safe Hi-Temp RTV Silicone Gasket (p.9) Permatex® Water Pump & Thermostat RTV Silicone Gasket (p.9) Permatex® Gasket Remover (p.11) Permatex® Anaerobic Gasket Maker (p.11)	Weld Bonding	Permatex® Cold Weld Bonding Compound (p.24)
Leak Repair	Permatex® Form-A-Seal® Leak Repair		
Lubricating	Permatex® Anti-Seize Lubricant (p.40)		
Metal Repair	Permatex® Hi-Temp Metal Repair Compound (p.36)		



Exterior

Maintenance	Solution
Adhesive	Permatex® Clear Silicone Adhesive Sealant (p.27) Permatex® Weatherstrip Cement (p.33) Permatex® Auto Trim Adhesive (p.33)
Brakes	Permatex® Brake & Parts Cleaner (p. 43) Permatex® Disc Brake Quiet (p. 37) Permatex® Ultra Disc Brake Caliper Lube (p.41)
Wheels, Tires	No Touch® Appearance Products (p.48-49)
Headlights	Permatex® Professional Repair Systems Headlight Lens Restoration Kit (p.30)

Maintenance	Solution
Glass	Permatex® Bullseye™ Windshield Repair Kit (p.30) Permatex® Quick Grid™ Rear Window Defogger Repair Kit (p.30) Permatex® Auto Glass Sealer (p.27) No Touch® Auto Glass Stripper (p.49) Permatex® Professional Repair Systems Windshield Repair Kit (p.34)
Rust	Permatex® Rust Treatment (p.32) Permatex® Rust Dissolver Gel (p.32)
Steel & Aluminum	Permatex® PermaPoxy™ Multi-Metal Epoxy (p.25)



Interior

Maintenance	Solution
Adhesive	Permatex® Ultra Bond™ Super Glue Gel (p.23) Permatex® Super Glue Dr. Bond® Super Glue (p.23) Permatex® Body Shop® Heavy Duty Spray Adhesive (p.33)
Glass	Permatex® Professional Strength Rearview Mirror Adhesive (p.30) Permatex® Fast Orange® Glass & Multi-Surface Cleaner (p.44) Permatex® Professional Repair Systems Rearview Mirror Kit (p.34)
Fabric	Permatex® Fabric Repair Kit (p.35)
Leather	Permatex® "Pro Style" Vinyl & Leather Repair Kit (p.35)
Vinyl	Permatex® Professional Repair Systems Vinyl & Leather Repair Kit (p.35) Permatex® Super Clear Vinyl Sealant Repair Kit (p.35) Permatex® Dashboard & Vinyl Top Repair Kit (p.35)
Lighting	Permatex® Bulb/Lamp & Electrical Connector Dielectric Grease (p.31)

Under Car

Maintenance	Solution
Brake Repair	Permatex® Brake & Parts Cleaner (p.43) Permatex® Ultra Disc Brake Caliper Lube (p.41) Permatex® Disc Brake Quiet (p.37)
Gas Tank Repair	Permatex® Instant Gas Tank Repair (p.37) Permatex® Gas Tank & Radiator Repair Kit (p.37)
Radiator Repair	Permatex® Radiator Repair Kit (p.34) Permatex® Gas Tank & Radiator Repair Kit (p.37) Permatex® Quick Solder™ Radiator Repair Kit (p.37)

Maintenance	Solution
Muffler Repair	Permatex® Hi-Temp Metal Repair Compound (p.36) Permatex® Muffler & Tailpipe Bandage (p.36) Permatex® Muffler & Tailpipe Sealer (p.36) Permatex® Muffler & Tailpipe Putty (p.36) Permatex® 1000° Plus™ Exhaust Repair Kit (p.36)
Undercoating	Permatex® Rust Treatment (p.32) Permatex® Undercoating (p.32)



Motorcycle Applications



Permatex® Headlight Lens Restoration Kit (p.30)
Headlights, plastic lenses

Permatex® Dielectric Tune-Up Grease (p.40)
All electrical connections; spark plug wires

No Touch® Perfect Plastic™ (p.49)
Windshield

Permatex® Plastic Cleaner (p.44)
Windshield

Permatex® Ultra Rubber Gasket Sealant & Dressing (p.13)
Rocker Cover Gaskets

Permatex® Vinyl & Leather Repair Kit (p.35)
Seat, backrest, saddle bags

Permatex® High Strength Threadlocker RED or Permatex® High Temperature Threadlocker RED (p.17)
All engine mounting bolts

Permatex® Battery Cleaner (p.45)
Protector for battery

Permatex® Bulb/Lamp & Electrical Connector Dielectric Grease (p.31)
All bulb/lamp connections

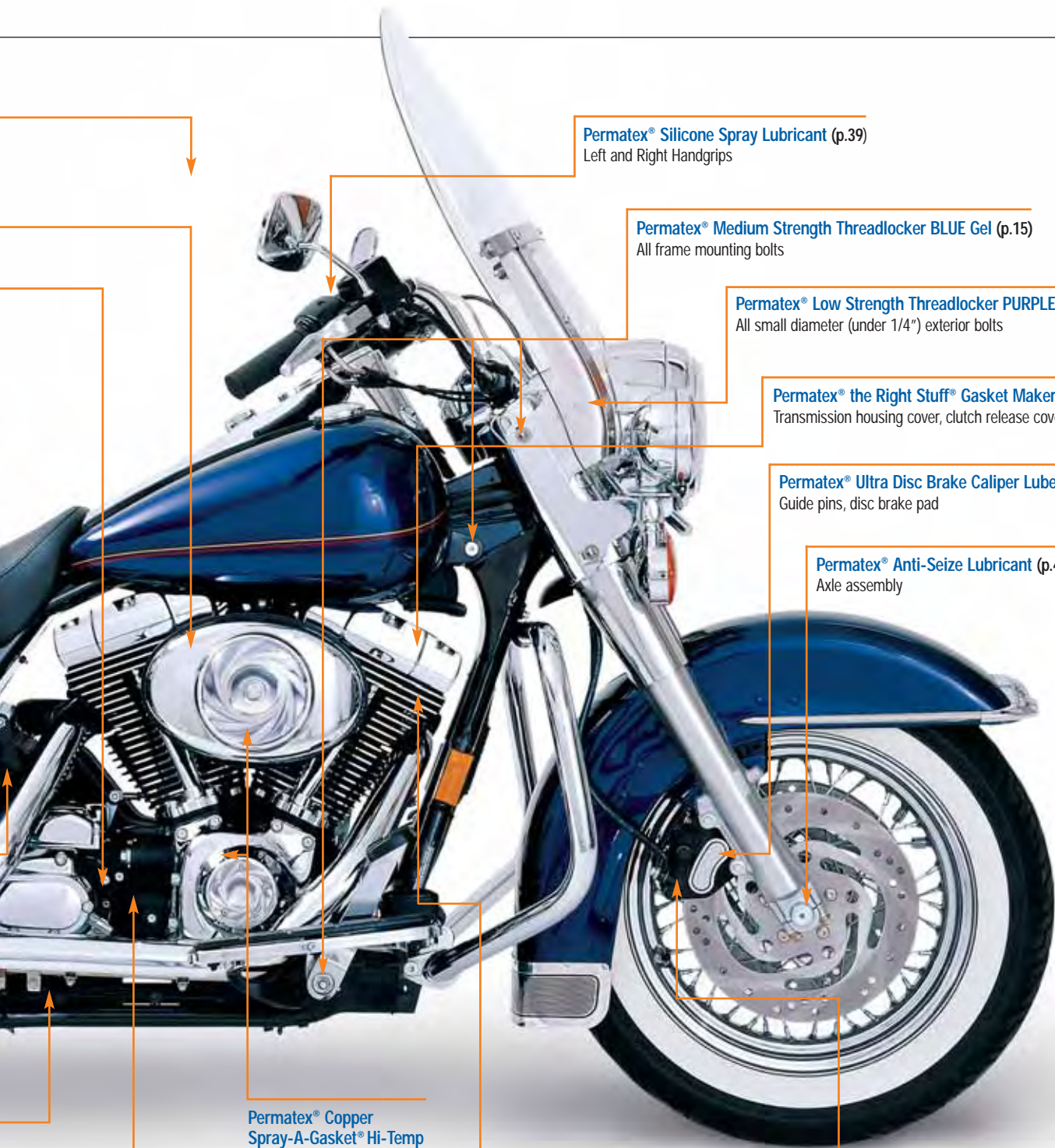
Permatex® Ultra Copper® Gasket Maker (p.8)
Muffler end caps

Permatex® Brake & Parts Cleaner (p.43)
Brakes and any degreasing project

Permatex® High Temperature Sleeve Retainer (p.21)
Valve guides

Permatex® MotoSeal™ 1 Ultimate Gasket Maker Grey (p.9)
Case halves, carburetor gaskets





Permatex® Silicone Spray Lubricant (p.39)
Left and Right Handgrips

Permatex® Medium Strength Threadlocker BLUE Gel (p.15)
All frame mounting bolts

Permatex® Low Strength Threadlocker PURPLE (p.16)
All small diameter (under 1/4") exterior bolts

Permatex® the Right Stuff® Gasket Maker (p.7)
Transmission housing cover, clutch release cover

Permatex® Ultra Disc Brake Caliper Lube (p.41)
Guide pins, disc brake pad

Permatex® Anti-Seize Lubricant (p.40)
Axle assembly

Permatex® Copper Spray-A-Gasket® Hi-Temp Adhesive Sealant (p.13)
Clutch release cover, cylinder head gaskets

Permatex® Surface Insensitive Threadlocker BLUE (p.16)
Head bolts, case bolts, all shift assembly threads

Permatex® Disc Brake Quiet (p.37)
Back of brake pads

Permatex® High Performance Thread Sealant (p.19)
Timing hole plug, oil hose fitting

Permatex® Ultra Slick™ Engine Assembly Lube (p.40)
Engine Assembly

Motorcycle Applications





Heavy Duty Fleet Repair



Call 1.877.376.2839

Engines

Product

Permatex® High Strength Threadlocker RED (p.17)

Permatex® Anti-Seize Lubricant (p.40)

Permatex® the Right Stuff® Gasket Maker (p.7)

Permatex® Gasket Remover (p.11)

Permatex® High Temperature Thread Sealant (p.19)

Permatex® Medium Strength Threadlocker BLUE Gel (p.16)

Permatex® High Temperature Sleeve Retainer (p.21)

Typical Applications

Air Starter Fasteners

Prevents seizing and galling of all metals. Withstand temperatures up to 1600°F

Valve Covers, Oil Pan

Valve Connectors, Oil Pan Covers

Pipe, Water Jacket, Oil Galley Plugs, Oil Pressure & Temperature Sensors, Air Conditioning Fittings, Hydraulic Fittings, Vacuum Line Connectors

Starter Mounts, Alternator Mounts, Engine Mounting Bolts

Cup Plugs, Bushings, Oil Seals



Differentials

Product

Permatex® High Strength Threadlocker RED Gel (p.17)

Permatex® Anaerobic Gasket Maker (p.11) and Permatex® the Right Stuff® Gasket Maker (p.7)

Permatex® High Temperature Thread Sealant (p.19)

Permatex® Medium Strength Threadlocker BLUE (p.16)

Permatex® High Temperature Sleeve Retainer (p.21)

Typical Applications

Cap Screws, Mounting Studs

Cover Housing Gaskets, Differential, Differential, Assembly to Rear Axle Housing, Power Dividers, Axle Shaft Flanges

Core Plugs, Drain Plugs

Axle Housing Bolts, Oil Seal Retainer Bolts, Axle Shaft Flange Bolts, Differential Drain Plugs

Ring Gear Bolts, Differential Lock Pins

Chassis

Product

Permatex® High Strength Threadlocker RED (p.17)

Permatex® Anti-Seize Lubricant (p.40)

Permatex® Pro-Strength Brake & Parts Cleaner (p.43)

Permatex® High Temperature Thread Sealant (p.19)

Permatex® Medium Strength Threadlocker BLUE (p.16)

Permatex® High Temperature Sleeve Retainer (p.21)

Typical Applications

Suspension Fasteners, Shock Absorber Mounts, Wheel Studs

Prevents seizing and galling of all metals. Withstands temperatures up to 1600°F

Quickly dissolves grease, dirt and oil from parts. Prepares mating surfaces for Permatex® products.

Air Brake Fitting

Fuel Tank Fasteners, Lug Nuts

Wheel Bearings, Idler Shafts, Press Fit Bushings

Bodies

Product

Permatex® High Strength Threadlocker RED (p.17)

Permatex® Super Weatherstrip Adhesive (p.33)

Permatex® Clear Silicone Adhesive Sealant (p.27)

Permatex® Super Glue Adhesive (p.23)

Permatex® Medium Strength Threadlocker BLUE (p.16)

Permatex® Slik Pak® 5th Wheel Grease (p.41)

Typical Applications

Exhaust System Mounts, Bumper Fasteners

Carpeting, Headliners, Molding Weatherstripping

Windshields

Emblems

Windshield Wiper Nuts, Lug Nuts, Gear Shift Knob, Door Hardware, Running Light Screws, Horn Mounting

All 5th Wheel Plates

Transmissions

Product

Permatex® High Temperature Sleeve Retainer (p.21)

Permatex® High Performance Thread Sealant (p.19)

Permatex® Medium Strength Threadlocker BLUE (p.16)

Permatex® Anaerobic Gasket Maker (p.11) and Permatex® the Right Stuff® Gasket Maker (p.7)

Typical Applications

Retaining Bushings, Cup Plugs, Gears, Dowel Pins, Oil Seals

Drain Plugs, All Tapered Fittings

Case Cover Bolts

Case Covers, Power Divider Shaft Housings, Input/Output Power Shafts, PTO Covers to Housing



Automotive OEM Interchange

HOW TO USE THIS CHART: Permatex® Automotive Products are specified by nearly every auto, truck and vehicle manufacturer in the world...

	Acura	Audi	BMW	Chrysler	Daewoo	Fiat	Ford	General Motors
Permatex® the Right Stuff® Gasket Maker				4883971 GF-44-A	PS 9120016		WSE-M4G-323-A6 TA30	12378479 998-5990 12346286
Permatex® Ultra Black® Gasket Maker				4206070			F1AZ-19562-A D6AZ-19562-B E6AZ-19562-A WSK-M4G320-AZ	12345739 12345997 998 5675
Permatex® Ultra Grey® Gasket Maker	8718-550030 E			82300234 82300235	AA 1204020		WSE-M4G-323-A5 TA29	12346240
Permatex® Blue RTV Silicone Gasket			07-58-9-062-376 11-21-1-262-571					
Permatex® Anaerobic Flange Sealant				M5CD98A 2654871 7778404 J4570650			WSK-M2G-348-A4 TA16	105 2756 1702 1703 998 5361
Permatex® Anaerobic Gasket Maker			0127784	4318083 MSCD 98-D	Gasket Sealant		WSK-M2G348-A5 ESK-M4G-269-A F8AZ-19B508-AB TA16	105 2942 998 5460 105 2943
Permatex® Gasket Remover			51-91-9-057-943					
Permatex® Low Strength Threadlocker PURPLE						639428500	WSK-M2G351-A4 ESE-M492204-A1	998 5436 1234 5382
Permatex® Medium Strength Threadlocker BLUE	AMV197500		07-58-9-056-031 0121874	2654392 4318031 MS CC75 04057989		639147100 976173410 639197110	EOAZ-19554-AA WSK-M2G351-A5	12345382 1700 998 5283 9985436
Permatex® Surface Insensitive Threadlocker BLUE			0133789 07-58-9-056-031			886305000	ESK-M4G-247-A2 WSK-M2G351-A7 WSK-M29G351-A2 TA25	
Permatex® Permanent Strength Threadlocker RED	AMV197300		0126374				E2FZ-19554-B WSK-M2G351-A6 TA26	9985300 998 5773 1234593
Permatex® High Strength Threadlocker RED			81229400086 (Specified as 270)	4318032 4057987 MSCD 96-A		976033480	EOAZ-19554-BA WSK-M2G351-A3 ESEM4148A SEEM4203A2	1773 998 5300 9985259
Permatex® High Temperature Threadlocker RED				O 5014205 AA J4570669 8800619 5356 779	Hi-Temp Thread Sealant			12345493 998 5399
Permatex® Large Diameter Threadlocker RED				2654427 MSCD 96-A			WSK-M2G351-A7 ESE-M4G-203A2 TA27	7200 1773 998 5266 1700 1773 12345493
Permatex® Penetrating Grade Threadlocker GREEN				4186369 4187099 MSCC-77			SSM-4G-9520-A WSK-M2G351-A1 ESE-M4G203-A1	998 5306
Permatex® High Temperature Thread Sealant				4318034 4318044 J4570588 2654648 4267247 MSCD-95A			XW7Z-19554-A D8AZ-19554-A WSK-M2G350-A2	12346004 105 2080 998 5253
Permatex® High Performance Thread Sealant				4187257 MSCD-95B	High Performance Thread Sealant		WSK-M292350-A2 ESE-M492-194-8	12346004 998 5427
Permatex® Bearing Mount for Close Fits				2654484 MSCD97A			EOAZ-19554-BA WSK-M2G349-A1	1651343 9985299 9985262 12377901
Permatex® High Temperature Sleeve Retainer	AMV185100 AMV185101			28044924 4856852 MSCD 97-B			ESE-M492-167-A1	998 5299 12377901
Permatex® Bearing Mount for Close Fits			07-58-9-056-030 (Specified as 638)	4187443 MSCD97-B			WSK-M2G349-A5	998 5729 12377901
Permatex® Cup & Core Plug Sealant BLUE							WSK-M2G349-A10	998 5345 998 5409
Permatex® Stripped Thread Repair				4467725				
Permatex® Super Glue			0125342			639997540	WSK-M2G402-A2 TA19	998 5413 1052621
Permatex® Flowable Silicone Windshield & Glass Sealer				4467708				
Permatex® Rearview Mirror Adhesive				4293039 MSCC73 05015983AA 4054099	PS 9120006		D9AZ-19954-CA ESB-M2G176-A TA17	1052369
Permatex® Black Super Weatherstrip Adhesive				4773774 MS-CC223			E8AZ19552-A COAZ19552-AA ESB-M2G14-A F6AZ9L494AA TA14	12345096 12345097
Permatex® Anti-Seize Lubricant			18219062-599		133 K		XL2	



this interchange chart provides a guide for selecting the correct Permatex® product for every aftermarket repair.

	Honda	Hyundai	Isuzu	Jaguar	Jeep	Land Rover	Maxion
Permatex® the Right Stuff® Gasket Maker						LRNA-25223	
Permatex® Ultra Black® Gasket Maker					RTV SEALER		
Permatex® Ultra Grey® Gasket Maker	296380 08718-0001 296381 HC2963817 08718-5000040E 08718-0003	231-13800 4C116-21000	1215 1216 1207D				0710129
Permatex® Blue RTV Silicone Gasket			1-8844-36-0				
Permatex® Anaerobic Flange Sealant			1-8844-0145-0 1-8844-6376-0				0710105 70490279 0710125 15060008
Permatex® Anaerobic Gasket Maker			1-8844-222-0			LRNA-51831	
Permatex® Gasket Remover			1-8844-0223-0				
Permatex® Low Strength Threadlocker PURPLE						LRNA-22231	
Permatex® Medium Strength Threadlocker BLUE		242 Blue	1-8844-9032-0 1322 1338 1-8844-9033-0 1324 1364 9-8893-2601-0 1333 9-8893-2605-0 1370-137				15060003
Permatex® Surface Insensitive Threadlocker BLUE	08718-0009		JVSCDS0922 JVSCDS0921	1031240 JVS CDS0921		LRNA-24078	
Permatex® Permanent Strength Threadlocker RED			1-8844-6372-0				
Permatex® High Strength Threadlocker RED			1-8844-6373-0 9-8893-2601-0 9-8893-2602-0	1120333		LRNA-21436 (Specified as 270) LRNA-27131	1506033 0710115
Permatex® High Temperature Threadlocker RED		272 Red				LRNA-27240	
Permatex® Large Diameter Threadlocker RED			1-8844-6374-0				0710108
Permatex® Penetrating Grade Threadlocker GREEN			1320,1321,1323 1-8844-6375-0 1331,1361			LRNA-29031	0710109
Permatex® High Temperature Thread Sealant		565 White					
Permatex® High Performance Thread Sealant						LRNA-21456	
Permatex® Bearing Mount for Close Fits				113072			
Permatex® High Temperature Sleeve Retainer							
Permatex® Bearing Mount for Close Fits				113083		LRNA-21448	
Permatex® Cup & Core Plug Sealant BLUE							
Permatex® Stripped Thread Repair							
Permatex® Super Glue				301054			0710104
Permatex® Flowable Silicone Windshield & Glass Sealer							
Permatex® Rearview Mirror Adhesive		1.1067-2					
Permatex® Black Super Weatherstrip Adhesive							
Permatex® Anti-Seize Lubricant		82				LRNA-76732	

Automotive OEM Interchange



OEM Interchange *Automotive Manufacturers*

continued from page 69

	Mazda	Mercedes-Benz	Mitsubishi	Nissan	Opel	Rover	Saab	Saturn
Permatex® the Right Stuff® Gasket Maker		A0029897320	3M8663 3M8672 3M8678 3M8679 3M8661					21019581
Permatex® Ultra Black® Gasket Maker			3M8660					
Permatex® Ultra Grey® Gasket Maker	77-300C-30		MD997740 MD997110 MD970389 3M8704 ACH1ZC1X02 & 03 3M8678 & 79 3M8672	999MPAM003 999MP-A7007 KPS51000150				
Permatex® Anaerobic Flange Sealant				C1335-31X25				21005993
Permatex® Anaerobic Gasket Maker				C1335-31X25 999MPAM001			02449790 815373 9321795	
Permatex® Medium Strength Threadlocker BLUE	105177743	A00398931710011 A00398931710002 A00398931710004 A00398931710005	3M4177	999MPAM005	L0010184 L0020184		7990963 7496268	21485277
Permatex® Surface Insensitive Threadlocker BLUE						5H4830		
Permatex® Permanent Strength Threadlocker RED	LA1249111 77-300E-10				L0010153 L0020153			21005994
Permatex® High Strength Threadlocker RED		A3459890271 A3459890171	MZ100360 3M4170 3M8730 3M8731	999MPAM004				21005994
Permatex® High Temperature Threadlocker RED			3M8659 3M8730 3M8731	999MPAM004			0245761	
Permatex® Penetrating Grade Threadlocker GREEN								21485276
Permatex® High Temperature Thread Sealant								21485278
Permatex® High Performance Thread Sealant	77-300E-01		999MPAM002	999MPAM002				21485278
Permatex® High Temperature Sleeve Retainer		A00298920710003 A00298920710004 A00298920710005			L0010189 L0020189			21005996
Permatex® Super Glue	77-310C-10	A00398925710001 A00398925710002 A00398925710012				GF044		
Permatex® Rearview Mirror Adhesive	77-310C-01			999MPAM000				21007653
Permatex® Black Super Weatherstrip Adhesive			3M8001 80011					
Permatex® Anti-Seize Lubricant								21485279



	Scania	Subaru	Suzuki	Toyota	Valmet	Volvo	Volkswagen
Permatex® Ultra Black® Gasket Maker				00001-01001 00295-00102 00001-01002 00295-01208 00295-01282 00295-01281			
Permatex® Ultra Grey® Gasket Maker		004403007 TB1215 TB1207 TB1217B 3MT3#08670	99104-31140 (TB1207B specified) 99104-31160 (TB1216 specified)	004403007 TB1215 TB1207 TB1217B 3MT3#08670			
Permatex® Anaerobic Flange Sealant	378183			00001-01008			
Permatex® Anaerobic Gasket Maker				00001-01007			
Permatex® Medium Strength Threadlocker BLUE	814283		99000-32020	00001-01005	78723013	591255 8701007 1161054-0	AMV197500
Permatex® Surface Insensitive Threadlocker BLUE				00001-01003			
Permatex® Permanent Strength Threadlocker RED	814284 L0020153			00001-01003			AMV197300
Permatex® High Strength Threadlocker RED	814282		99000-32030	00001-01004	078723001	591093 1161070	
Permatex® High Temperature Threadlocker RED		TB1303					
Permatex® Large Diameter Threadlocker RED					07873002	078723001	
Permatex® Penetrating Grade Threadlocker GREEN	814281				078723020	591264	
Permatex® High Temperature Sleeve Retainer					078723017		AMV185100 AMV185101
Permatex® Rearview Mirror Adhesive						1161375-9	
Permatex® Black Super Weatherstrip Adhesive		3M08011					



Automotive OEM Interchange

continued on page 72



OEM Interchange *Heavy Equipment Manufacturers*

continued from page 71

	Case	Caterpillar	Cummins	Detroit Diesel	Fiat Allis	Ford
Permatex® Ultra Black® Gasket Maker		4C9612		23509603		
Permatex® Ultra Blue® Gasket Maker	ZPX81724	8T9022		23509543		
Permatex® High Temp Silicone Gasket Maker		8T9013 4C9614				
Permatex® Anaerobic Flange Sealant	ZPX51550 ZPX51530	515	LT-51531		73127654	E2AZ-19562-A
Permatex® Anaerobic Gasket Maker	ZPX51850			23514188 23513509		
Permatex® Form-A-Gasket® No. 1 Sealant		8T9015 4C9501				
Permatex® Form-A-Gasket® No. 2 Sealant	ZPX31389	8T9016 4C9502				
Permatex® Aviation Form-A-Gasket® No. 3 Sealant	ZPX18130	8T9012 4C9505				
Permatex® Medium Strength Threadlocker BLUE	ZPX24210	9S3263 4C4030	3375067 3824040 3824041 3375068	23509535 23509536	75000776	D5AZ-19554-A D5AZ-10544-A
Permatex® Permanent Strength Threadlocker RED	ZPX26210 ZPX26236			23509537 23509538	75000776	
Permatex® High Strength Threadlocker RED	ZPX27136 ZPX27110	7M7456	3824038 3875068		75000779	EOAZ-19554-B
Permatex® Large Diameter Threadlocker RED	ZPX27736				75000779	
Permatex® Penetrating Grade Threadlocker GREEN	ZPX29036	4C9508 4C9509	3823682	23509539	75000780	290
Permatex® High Temperature Thread Sealant	ZPX59250	SP3413	3375065 3375066		75000777	D8AZ-19554-C
Permatex® Bearing Mount For Close Fits	ZPX60936	7M7456 4C4032	3824037 3823718			
Permatex® High Temperature Sleeve Retainer		4C4031 953265	ST-1272-12		75000778	640, 609
Permatex® Bearing Mount For Relaxed Fits	ZPX68036					
Permatex® Super Glue Adhesive	ZPX82196	404 495	404 495		404 495	D7AZ-19554-C
Permatex® Anti-Seize Lubricant	ZPX76716	767	767	23509545	75000781	767
Permatex® O-Ring Splicing Kit		00112	00112		00112	00112
Permatex® Black Silicone Adhesive Sealant	ZPX81158	3S6252				
Permatex® Clear Silicone Adhesive Sealant	ZPX80855 ZPX80050 ZPX30562	8T9014 4C9613				
Permatex® Rust Treatment		8T9017				
Permatex® Surface Prep™ Activator	ZPX24163		ST-1272-13		75000782	



	GMC	John Deere	Kenworth	Komatsu/Dresser	Mack	International	Volvo GM
Permatex® Ultra Blue® Gasket Maker					5166-58730	1653885C1	V1111015
Permatex® High Temp Silicone Gasket Maker	1052434					554204C1	
Permatex® Anaerobic Flange Sealant	1052357 1052756	TY6304	KW515-50ML	1232272H1	5166-51517	474517C2 1813034C1	
Permatex® Anaerobic Gasket Maker						1693855C1 1693856C1	V1111010
Permatex® Gasket Remover					5166-79040	554259C1	
Permatex® Form-A-Gasket® No. 1 Sealant						554206C1	V1111011
Permatex® Form-A-Gasket® No. 2 Sealant				554206C1			
Permatex® Aviation Form-A-Gasket® No. 3 Sealant		TY15934				577588C1 577589C1 577905C1	V1111003 V1111004
Permatex® Medium Strength Threadlocker BLUE	1052279	T43512 TY9370 AT52853	KW242-10ML KW242-50ML		5166-2114 5166-24200 5166-2126		V1111005 V1111006 06479-5002
Permatex® Permanent Strength Threadlocker RED				634017C1	5166-26200	576016C1 576017C1 554210C1	06479-5003 20-700-1460
Permatex® High Strength Threadlocker RED	271	T43513 TY9371	KW271-10ML		5166-2223 5166-27121		
Permatex® Large Diameter Threadlocker RED	277	TY9373					
Permatex® Penetrating Grade Threadlocker GREEN	290	290	290	1232273H1	5166-29021 5166-29026	290	
Permatex® High Temperature Thread Sealant	1052080	TY9374 TY9375	592	634016C1	5166-59214 5166-59231	554209C1 554211C1	20-707-6088 20-700-1462 06479-5004
Permatex® Bearing Mount For Close Fits	609			634018C1		554210C1	V1111007 V1111008
Permatex® High Temperature Sleeve Retainer	1051343 1052624	T43515	KW601-10ML		35, 40, 75, 601, 620	35, 40, 75, 601, 620	20-700-1458 06479-5001
Permatex® Bearing Mount For Relaxed Fits	680	TY15969			5166-68035		
Permatex® Super Glue Adhesive	1052283 1052621	404, 495	404, 495	(495) 634228C1	5166-49411	554208C1	V1111896
Permatex® Anti-Seize Lubricant	767	767	767	844234C1	5166-76759 5166-76764	991441C1 991442C1	
Permatex® O-Ring Splicing Kit	00112	00112	KW400-ORSK		5166-0157	00112	V1111019 06479-505
Permatex® Black Silicone Adhesive Sealant				VS7493		991443C1	V1111020
Permatex® Clear Silicone Adhesive Sealant		TY15130		638896C1	5166-66BR	554204C1	V1111014
Permatex® Surface Prep™ Activator				644905C1	5166-2556	554207C1	

Heavy Equipment OEM Interchange





Index *By Product Name*

Gasketing

Permatex® Anaerobic Flange Sealant	11
Permatex® Anaerobic Gasket Maker	11
Permatex® Aviation Form-A-Gasket® No. 3 Sealant Liquid	12
Permatex® Copper Spray-A-Gasket® Hi-Temp Adhesive Sealant	13
Permatex® Form-A-Gasket® No. 1 Sealant	12
Permatex® Form-A-Gasket® No. 2 Sealant	12
Permatex® Gasket Remover	11
Permatex® High Tack™ Gasket Sealant	13
Permatex® High Tack™ Spray-A-Gasket® Sealant	13
Permatex® High Temperature Anaerobic Flange Sealant	11
Permatex® High-Temp Red RTV Silicone Gasket Maker	9
Permatex® High-Temp Form-A-Gasket® 1372 Gasket Sealant	12
Permatex® Hi-Temp RTV Silicone Gasket Sealant	13
Permatex® Indian Head® Gasket Shellac Compound	12
Permatex® MotoSeal® 1 Ultimate Gasket Maker	9
Permatex® PowerBead™	10
Permatex® Sensor-Safe Blue RTV Silicone Gasket Maker	9
Permatex® Sensor-Safe High-Temp RTV Silicone Gasket Maker	9
Permatex® Super "300"® Form-A-Gasket® Sealant	12
Permatex® Super High Tack Gasket Sealant	13
Permatex® Tack & Seal™ Gasket Sealant	13
Permatex® the Right Stuff® Gasket Maker	7
Permatex® the Right Stuff® 1 Minute Gasket™	7
Permatex® the Right Stuff® for Imports Gasket Maker	7
Permatex® Ultra Black® RTV Silicone Gasket Maker	8
Permatex® Ultra Blue® RTV Silicone Gasket Maker	8
Permatex® Ultra Copper® RTV Silicone Gasket Maker	8
Permatex® Ultra Grey® RTV Silicone Gasket Maker	8
Permatex® Ultra Rubber Gasket Sealant & Dressing	13
Permatex® Water Pump & Thermostat RTV Silicone Gasket	9

Threadlockers

Permatex® GEL SQUEEZE™ Threadlockers	15
Permatex® GEL TWIST™ Threadlockers	15
Permatex® High Strength Threadlocker RED	17
Permatex® High Strength Threadlocker RED Gel	15
Permatex® High Temperature Threadlocker RED	17
Permatex® Large Diameter Threadlocker RED	17
Permatex® Low Strength Threadlocker PURPLE	16
Permatex® Medium Strength Threadlocker BLUE	16
Permatex® Medium Strength Threadlocker BLUE Gel	15
Permatex® Penetrating Grade Threadlocker GREEN	17
Permatex® Permanent Strength Threadlocker RED	16
Permatex® Permanent Strength Threadlocker RED & Cup/Core Plug Sealant Retaining Compound	16
Permatex® Surface Insensitive Threadlocker BLUE	16

Thread Sealants

Permatex® High Performance Thread Sealant	19
Permatex® High Temperature Thread Sealant	19
Permatex® Pipe Joint Compound	19
Permatex® Pneumatic/Hydraulic Sealant	19
Permatex® Thread Sealant with PTFE	19

Anaerobic Technology

Permatex® Stripped Thread Repair Kit	20 & 34
Permatex® Surface Prep™ Activator For Anaerobics	20

Retaining Compounds

Permatex® Bearing Mount For Close Fits	21
Permatex® Bearing Mount For Relaxed Fits	21
Permatex® Bearing Mount For Worn Fits	21
Permatex® High Temperature Sleeve Retainer	21

Adhesives & Sealants

Dr. Bond® Plastic Bonder	23
Dr. Bond® Super Glue	24
Dr. Bond® Super Glue Gel	24
Permatex® Auto Glass Sealer	27
Permatex® Black Rubber Sealant	27
Permatex® Black Silicone Adhesive Sealant	27
Permatex® Clear RTV Silicone Adhesive Sealant	27
Permatex® Cold Weld Bonding Compound	24
Permatex® Contact Cement	26
Permatex® Fast Cure Epoxy	24
Permatex® Flowable Silicone Windshield & Glass Sealer	27
Permatex® Form-A-Seal™ Leak Repair	27
Permatex® Liquid Solder	26
Permatex® Liquid Metal Filler	26
Permatex® PermaPoxy™ Aluminum Epoxy Stick	25
Permatex® PermaPoxy™ Copper Epoxy Stick	25
Permatex® PermaPoxy™ High Strength Epoxy	25
Permatex® PermaPoxy™ General Purpose Epoxy	25
Permatex® PermaPoxy™ Multi-Metal Epoxy	25
Permatex® PermaPoxy™ Plastic & Fiberglass Epoxy Stick	25
Permatex® PermaPoxy™ Plastic Weld	25
Permatex® Pit Crew's Choice™ Adhesive & Sealant	26
Permatex® Spray'n'Seal™ Leak Repair	26
Permatex® Super Glue	23
Permatex® Super Glue Gel	23
Permatex® Ultra Bond™ Super Glue	23
Permatex® Ultra Bond™ Super Glue Gel	23

Specialized Maintenance & Repair

Permatex® All Purpose Spray Adhesive	33
Permatex® Auto Trim Adhesive	33
Permatex® Battery Cleaner	31
Permatex® Battery Protector & Sealer	31
Permatex® Black Super Weatherstrip Adhesive	33
Permatex® Body Shop® Heavy Duty Headliner & Carpet Adhesive	33
Permatex® Bulb/Lamp & Electrical Connector Dielectric Grease	31
Permatex® Bullseye™ Windshield Repair Kit	30
Permatex® Complete Rear Window Defogger Repair Kit	34
Permatex® Counterman's Choice®	29
Permatex® Dashboard & Vinyl Top Repair Kit	35
Permatex® Dielectric Grease	31 & 40
Permatex® Disc Brake Quiet	37



Permatex® Electrically Conductive Rear Window Defogger	.30
Permatex® Extreme Rearview Mirror Professional Strength Adhesive	.30
Permatex® Fabric Repair Kit	.35
Permatex® Fiberglass Patch Kit	.35
Permatex® Fuel Tank Repair Kit	.34
Permatex® Gas Tank & Radiator Repair	.37
Permatex® Headlight Lens Restoration Kit	.30 & 34
Permatex® Heavy Duty Rubberized Undercoating	.32
Permatex® Hi-Temp Metal Repair Compound	.36
Permatex® Instant Gas Tank Repair	.37
Permatex® Muffler & Tailpipe Bandage	.36
Permatex® Muffler & Tailpipe Putty	.36
Permatex® Muffler & Tailpipe Sealer	.36
Permatex® O-Ring Splicing Kit	.28
Permatex® 1000° PLUS™ Exhaust Repair Kit	.36
Permatex® Plastic Tank Repair	.34
Permatex® Professional Strength Rearview Mirror Adhesive	.30
Permatex® "Pro-Style" Vinyl & Leather Repair Kit	.35
Permatex® Prussian Blue	.28
Permatex® Quick Grid™ Rear Window Defogger Repair Kit	.30
Permatex® Quick Solder™ Radiator Repair Kit	.37
Permatex® Radiator Repair Kit	.34
Permatex® Rearview Mirror Adhesive Kit	.34
Permatex® Rust Dissolver	.32
Permatex® Rust Treatment	.32
Permatex® Stripped Thread Repair Kit	.20 & 34
Permatex® Super Clear Vinyl Sealant Repair Kit	.35
Permatex® Super Weatherstrip Adhesive	.33
Permatex® Tune-Up Kit	.31
Permatex® Ultra Disc Brake Caliper Lube	.37
Permatex® Undercoating	.32
Permatex® Valve Grinding Compound	.28
Permatex® Vinyl & Leather Repair Kit	.35
Permatex® Weatherstrip Cement	.33
Permatex® Windshield Repair Kit	.34

Lubricants

Permatex® Anti-Seize Lubricant	.40
Permatex® Belt Dressing	.39
Permatex® Ceramic Extreme Brake Parts Lubricant	.41
Permatex® Chain Lube	.39
Permatex® Copper Anti-Seize Lubricant	.40
Permatex® Dielectric Grease	.40
Permatex® Fast Break® Super Penetrant	.39
Permatex® Hydraulic Jack Oil	.41
Permatex® Nickel Anti-Seize 771	.40
Permatex® Silicone Spray Lubricant	.39
Permatex® Slik Pak® 5th Wheel Grease	.41
Permatex® Ultra Disc Brake Caliper Lube	.41
Permatex® Ultra Disc Brake Caliper Lube Hi-Temp Formula	.41
Permatex® Ultra Slick™ Multi-Purpose Lubricant	.38
Permatex® Ultra Slick™ Engine Assembly Lube	.40
Permatex® White Lithium Grease	.39

Cleaners

Permatex® Battery Cleaner	.45
Permatex® Carburetor & Parts Cleaner	.43
Permatex® Decal & Paint Stripper	.44
Permatex® Electrical Contact Cleaner	.45
Permatex® Eliminator® II Engine Degreaser	.43
Permatex® Fast Orange® Glass & Multi-Surface Cleaner	.44
Permatex® Heavy Duty Radiator Cleaner	.44
Permatex® Motor Muscle® Throttle Body, Carb & Choke Cleaner	.43
Permatex® Rust Dissolver Gel	.44
Permatex® Non-Chlorinated Brake & Parts Cleaner	.43
Permatex® Plastic Cleaner	.44
Permatex® Pro-Strength Brake & Parts Cleaner	.43

Maintenance & Performance Additives

NOS® Complete Fuel System Cleaner	.47
NOS® Fuel Injector Cleaner	.47
NOS® Max Street™ Octane Booster	.47
NOS® Octane Booster Off-Road Formula	.47
NOS® Octane Booster Racing Formula	.47
NOS® Octane Booster Street Formula	.47

Appearance Products

No Touch® All Wheel Care® Wheel Cleaner	.48
No Touch® Auto Glass Stripper	.49
No Touch® Glass & Surface Cleaner	.49
No Touch® High Shine Tire Care	.48
No Touch® Instant Rain Shield®	.49
No Touch® Original Tire Care	.48
No Touch® Perfect Plastic™	.49
No Touch® Seriously Wet™ Extreme Tire Shine	.49
No Touch® Wet 'N' Protect™ Tire Finish	.49

Hand Cleaners

DL® Permatex® Blue Label™ Cream Hand Cleaner	.52
Permatex® Fast Orange® Dry Skin Formula Hand Cleaner	.51
Permatex® Fast Orange® Pumice Bar Hand Soap	.53
Permatex® Fast Orange® Pumice Lotion Hand Cleaner	.51
Permatex® Fast Orange® Hand Cleaner - Cream Formula	.52
Permatex® Fast Orange® Hand Cleaner Wipes	.53
Permatex® Fast Orange® Mini Pallet Display	.53
Permatex® Fast Orange® Smooth Lotion Hand Cleaner	.51
Permatex® Parr® Painter's Clean™ Hand Cleaner	.52
DL® Permatex® Trounce® Cream Pumice Hand Cleaner	.52
DL® Permatex® Trounce® Lotion Pumice Hand Cleaner	.52
Universal Dispenser	.53
Wall Mounted Wire Bracket	.53

Hand Protection

Permatex® Latex Disposable Gloves	.55
Permatex® Mechanics Gloves	.55
Permatex® Nitrile Disposable Gloves	.55





Index *By Product Number*

00112	28	26BR (81160)	9	12010	47
01010	41	26C (81409)	9	12020	37
01013	52	27BR (81422)	9	12100	47
01020	41	27C (81686)	9	12200	47
01406	52	34A (80036)	28	12195	37
01810	24	34B (80037)	28	14600	24
03325 (3325)	30	35V (80038)	28	15067	30
03346 (33460)	30	46YB (82580)	43	16067	30
03406	52	48TA (80043)	43	19960	16
09100	34	51D (80045)	19	19961	17
09101	34	51H (80044)	19	19962	16
09102	34	65AR (81730)	27	20297	21
09103	34	66BR (80050)	27	20353	37 & 41
09104	34	66C (80855)	27	20356	37 & 41
09116	34	67VR (81150)	31 & 40	20539 (5J-1)	12
09117	34	68DA (80052)	39	21218	52
09128	40	77BR (81724)	8	21309	23
09135	30 & 34	77C (81725)	8	21351	30
09175	29 & 40	78E (80054)	41	21425	24
09176	29 & 31	78F (80055)	41	22058	31 & 40
09177	29, 37 & 41	79DA (81849)	32	22071	9
09178	16 & 29	80 (81731)	33	22072	8
09179	17 & 29	80BR (80638)	33	22073	13
09180	29, 31 & 40	82 (81850)	33	23104	51
09181	55	83H (80057)	12	23108	51
09182	55	97BR (80060)	13	23113	51
09183	55	98D (80063)	13	23115	51
09184	55	98H (80062)	13	23116	51
09185	55	99GA (80064)	13	23217	51
09186	55	99MA (80065)	13	23218	51
09189	55	101BR (81878)	8	23507	51
09191	55	101MA (80697)	13	23549 (NTBP15-12)	48
09193	55	101C (82571)	13	23579 (NT21-6)	48
09194	55	116DA (80070)	39	24005	15
1AR (80007)	12	117EA (80072)	32	24010	15
1BR (80008)	12	118DA (82019)	33	24024	16
1C (80003)	12	120DA (80073)	39	24026	17
2AR (80015)	12	120GA (80074)	39	24027	16
2BR (80016)	12	122GA (80075)	39	24105	8
2C (80011)	12	126VR (80729)	37	24110	37 & 41
3D (80017)	12	127MA (80077)	37	24115	41
3H (80019)	12	133AR (81343)	40	24124	41
3J (80018)	12	133K (80078)	40	24125	41
4MA (80646)	11	133MA (81464)	40	24163	20
5J-1 (20539)	12	135EA (81833)	32	24200	16
6BR (80022)	9	137DA (80079)	43	24206	16
6C (80628)	9	142LA (81082)	31	24240	16
6MA (81860)	9	161DA (80577)	44	24283	16
9AR (80938)	13	195DA (81981)	39	24300	16
14AR (80631)	19	403D (80183)	44	24378	45
14D (80633)	19	767 (80208)	40	25025	53
14H (80632)	19	771 (77124)	40	25030	53
16BR (81158)	27	3325 (03325)	30	25072	53
16C (81173)	27	3346 (03346)	30	25104	51
18E (80030)	44	11067-2 (81844)	30	25108	51
		12002	47	25113	51
		12003	47	25116	51
		12007	47	25217	51



25218	51	60940	21	80338 (RS-9)	27
25219	51	64000	21	80345 (WL-9)	39
25223	7	64040	21	80369 (SA-8)	31 & 45
25224	7	65116	52	80370 (SA-9)	31
25229	7	65217	52	80577 (161DA)	44
25247	35	68040	21	80628 (6C)	9
25544	44	75448	32	80631 (14AR)	19
25575	53	77124	40	80632 (14H)	19
25831	26	77164	40	80633 (14D)	19
25905	26	80003 (1C)	12	80638 (80BR)	33
25906	26	80007 (1AR)	12	80646 (4MA)	11
25909	26	80008 (1BR)	12	80697 (101MA)	13
26240	16	80011 (2C)	12	80729 (126VR)	37
26346	36	80015 (2AR)	12	80855 (66C)	27
26984	31	80016 (2BR)	12	80884 (GTR-1)	37
27005	15	80017 (3D)	12	80885 (ATA-1)	33
27010	15	80018 (3J)	12	80902 (VR-1A)	35
27100	17	80019 (3H)	12	80938 (9AR)	13
27140	17	80022 (6BR)	9	81150 (67VR)	31 & 40
27183	17	80030 (18E)	44	81158 (16BR)	27
27200	17	80036 (34A)	28	81160 (26BR)	9
27218	51	80037 (34B)	28	81173 (16C)	27
27240	17	80038 (35V)	28	81343 (133AR)	40
27740	17	80043 (48TA)	43	81387	32
27828	33	80044 (51H)	19	81409 (26C)	9
29000	17	80045 (51D)	19	81422 (27BR)	9
29040	17	80050 (66BR)	27	81464 (133MA)	40
29132	9	80052 (68DA)	39	81554	24
29208	7	80054 (78E)	41	81668	20 & 34
29247	7	80055 (78F)	41	81686 (27C)	9
30055	53	80057 (83H)	12	81724 (77BR)	8
30878	23	80060 (97BR)	13	81725 (77C)	8
31163	40	80062 (98H)	13	81730 (65AR)	27
31824	31	80063 (98D)	13	81731 (80)	33
33013	52	80064 (99GA)	13	81737	24
33694	7	80065 (99MA)	13	81742	24
33406	52	80070 (116DA)	39	81756 (NJ-1A)	32 & 44
34310	7	80071	40	81773 (RT-16-A)	32
34311	7	80072 (117EA)	32	81775 (RT-8-A)	32
35013	52	80073 (120DA)	39	81781 (VR-8A)	35
35406	52	80074 (120GA)	39	81785 (VR-9A)	35
36051 (WPBP15-6)	49	80075 (122GA)	39	81786 (VR-12A)	35
36052 (NTHS21-6)	48	80077 (127MA)	37	81833 (135EA)	32
36053 (AWC20-6)	48	80078 (133K)	40	81840	30
36098 (NTSW15-6)	49	80079 (137DA)	43	81844 (11067-2)	30
49450	23	80183 (403D)	44	81849 (79DA)	32
49550	23	80185	49	81850 (82)	33
49650	23	80088	12	81860 (6MA)	9
51031	11	80206	40	81878 (101BR)	8
51531	11	80208	40	81913	27
51580	11	80265 (FK-98)	34 & 35	81915	9
51813	11	80328 (DCD-19)	33	81943	38
51817	11	80329 (DWS-37)	27	81944	38
51845	11	80331 (MB-1)	36	81945	38
54540	19	80332 (MB-2)	36	81946	38
56521	19	80333 (MP-1)	36		
59214	19	80334 (MRK-1)	36		
59235	19	80335 (MTK-1)	36		





Index *By Product Number*

81950	40	85305	55	NTBP15-6 (23549)	48
81981 (195DA)	39	85310	55	NTHS21-6 (36052)	48
82019 (118DA)	33	85315	55	NTSW15-6 (36098)	49
82080	8	85320	55	RS6-12 (93106)	49
82096	27	85409	13	RS-9 (80338)	27
82099	26	85519	8	RT-16-A (81773)	32
82138	32 & 44	85742	24	RT-8-A (81775)	32
82180	8	85860	9	SA-8 (80369)	31 & 45
82190	23	85913	27	SA-9 (80370)	31
82191	23	85915	9	VR-12A (81786)	35
82194	8	90128	53	VR-1A (80902)	34 & 35
82195	8	93106 (RS6-12)	49	VR-8A (81781)	35
82196	23	95140	53	VR-9A (81785)	35
82220	43	95208 (GS8-12)	49	WL-9 (80345)	39
82223	24	95220 (GSC20-12)	49	WPBP15-6 (36051)	49
82565	23	99070	7		
82571 (101C)	8	99142	29		
82580 (46YB)	43	99145	29		
82606	43	ATA-1 (80885)	33		
84101	25	AWC20-6 (36053)	48		
84107	25	DCD-19 (80328)	33		
84109	25	DWS-37 (80329)	27		
84115	25	FK-98 (80265)	35		
84160	25	GS8-12 (95208)	49		
84201	25	GSC20-12 (95220)	49		
84209	25	GTR-1 (80884)	37		
84304	25	MB-1 (80331)	36		
84309	25	MB-2 (80332)	36		
84315	25	MP-1 (80333)	36		
85080	8	MRK-1 (80334)	36		
85084	8	MTK-1 (80335)	36		
85144	7	NJ-1A (81756)	32 & 44		
85224	7	NT21-6 (23579)	48		

Important Numbers to Remember

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Product Description Code Explanation

Item #'s are prefixed by 686226 unless otherwise noted.

Container Size = Contents of individual package

Pack = Number of units per case

Old P/N = Part No. by which product was formerly identified (appears where applicable)

Item #	Container Size	Pack	Old P/N
80022	3 oz. tube, carded	12	6BR

Please refer to your Permatex Price Schedule for complete Item UPC and check digit.





Permatex® Proven *performance* through decades of racing history.

Since the early 1900's, racing history has shown that quality Permatex® products have been used at racetracks around the world.

- 1915** After Ralph DePalma's race car blew its head gasket for the fourth time at a 24 hour endurance race, Permatex founder, Constant A. Benoit Sr. applied some of his experimental gasket cement and the DePalma car drove the rest of the race without any further gasket problems.
- 1936** American stock-car driver and mechanic Bill France, Sr., assembled Milt Marion's racing engine using only Permatex® Form-A-Gasket® products. Marion later won the first 250 mile race at the Daytona Beach Road Course driving the Form-A-Gasket® test car #23.
- 1965** To prove the effectiveness of Permatex® Sealants, Fonty Flock test drove a Ford Galaxie 500, at Daytona. With an engine assembled using only Permatex® Sealants, the "Permatex Sealant Special" ran at 101.17 mph for 300 miles without a single leak. (NASCAR Certified)
- 1975** NASCAR superstar Bobby Allison built a late model Chevrolet sportsman engine entirely with Permatex® products. The car, assembled without a single cut gasket or lock washer, ran a NASCAR Certified average 157.094 mph for 300 miles at Talladega Motor Speedway.
- 2006** Today, with higher speeds and bigger engines, Crew Chief Jay Blake and his Follow A Dream team rely on Permatex products to keep their 3000 horsepower NHRA Top Alcohol Funny Car together.

These snapshots in racing history attest to Permatex's proven product performance and reliability having stood the test of time... on the road and at the track.

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