



Permatex[®]

PRODUCT CATALOGUE

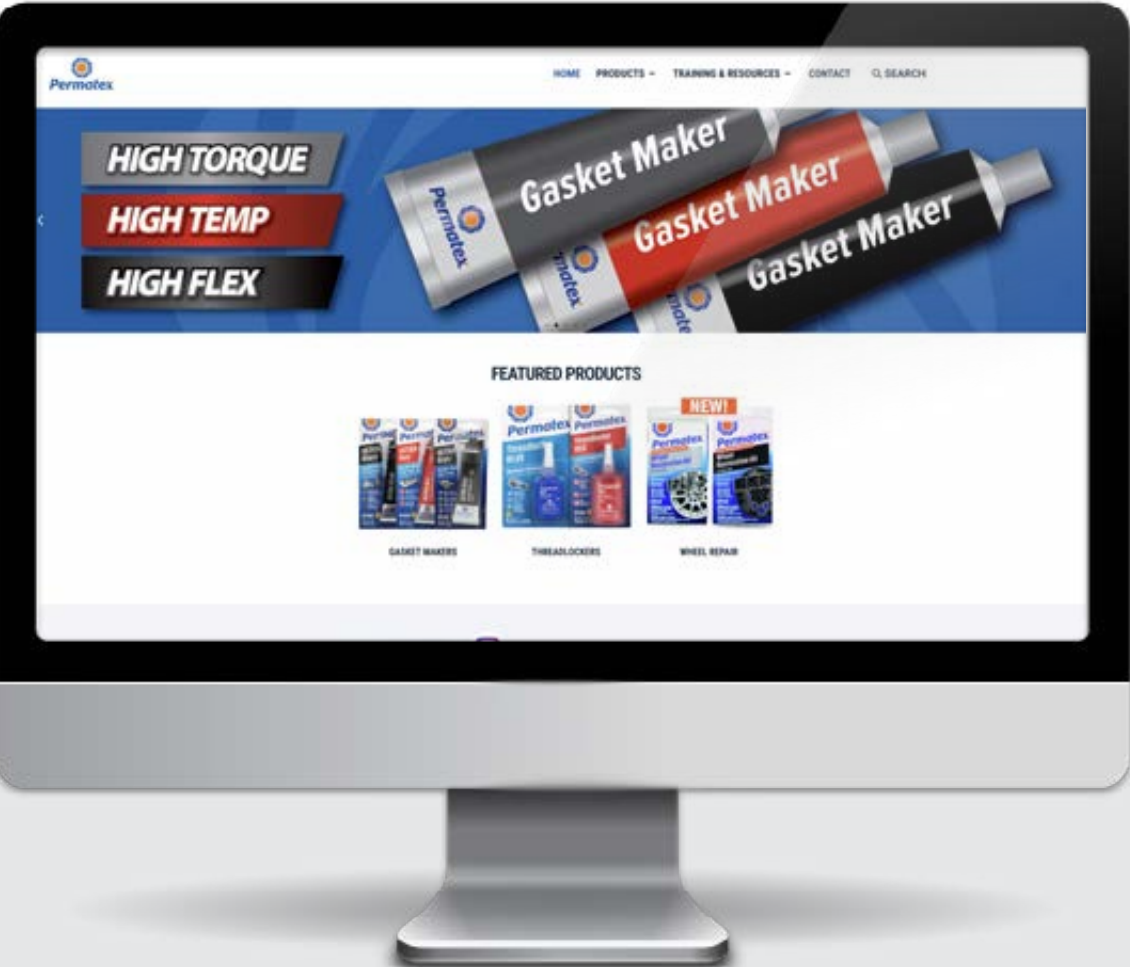
permatex.com.au

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A WORD FROM PERMATEX®

Since 1909, Permatex products have been used in workshops, garages, service stations, and at racetracks around the world, paving the way for today’s innovative product technologies. The Permatex brand has become synonymous with the word “trusted”. From its performance on racetracks to automotive maintenance and repair solutions, Permatex products are designed for both the Professional and Do-It-Yourselfers alike. The iconic Permatex brand and its enduring legacy continues to stand the test of time to meet the demands of its end-users.

Made For The Professionals, By The Professionals



VISIT US AT PERMATEX.COM.AU

Permatex.com.au is more than just a website, it’s a one-stop shop for automotive enthusiasts and professionals alike. Permatex.com.au offers users with a seamless experience. The easy-to-follow product pages include Safety Data Sheets and Tech Docs along with how-to videos and detailed images to help users get the job done right the first time.

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OVER A CENTURY OF INNOVATION

Mr. Benoit attended a 24-hour endurance race at the Sheepshead Bay track near his Brooklyn, New York laboratory. He saw that many of the cars were making 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.

Permatex founded by Constant A. Benoit Sr.

American stock-car driver and mechanic Bill France, Sr., assembled a racing engine using only Permatex® Form-A-Gasket

Constant Benoit died and his son Pete took over the Permatex Company.

Pete shifted the company's manufacturing plant from Brooklyn, New York to Kansas City to take advantage of a more central shipping location.

Pete moved the company headquarters to West Palm Beach. Soon the Permatex Company built a 12,000 square foot corporate and international sales office in West Palm Beach.

Permatex 300 becomes the second race on the NASCAR schedule named for a corporate sponsor. The Permatex 300 NASCAR race at the Daytona International Speedway became one of America's premier racing events.

1909
Founded

Permatex enters the automotive maintenance chemicals business

1915

1936

Racing engine uses only Permatex® Form-A-Gasket

Passing of Founder, Constant Benoit

1950

1954

Manufacturing moves to Kansas City, MO

Headquarters moves to West Palm Beach, CA

1962

1966

Permatex®300 named as NASCAR Corporate Sponsor

1972

Permatex Company sold to Loctite Corporation, moved to Cleveland, Ohio and integrated with the Woodhill Chemical Co.

Mid 1970's

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

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.

Permatex acquired the South American adhesives and sealants manufacturer, Anaerobics S.A. and New York-based specialty cleaning products manufacturer, Spray Nine Corporation.

Permatex acquires Anaerobics S.A. and Spray Nine Corporation

2008

2009
Permatex's 100th year in business.



2016

New Product Development
Optimum Black & Grey created

December 2005

Permatex® acquired by Illinois Tool Works Inc.

2002

2005

Permatex was acquired by ITW (Illinois Tool Works Inc.), a NYSE listed U.S. based Fortune 200 corporation in diversified company with more than a 90-year history.

Permatex re-enters industrial market

2002

2005

2008

2011

2014

2017

2018

2019

2020

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TRAINING PORTAL

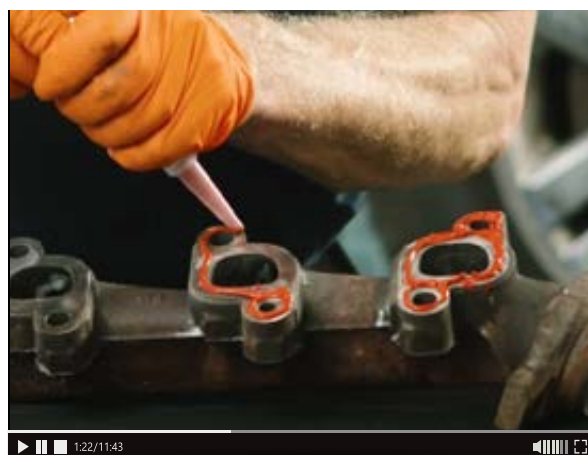
Permatex's online training system is a robust training tool that deep dives into Permatex's core product lines to help train industry professionals, retail and trade teams, and enthusiasts on the latest industry innovation to help them get the job done right the first time.

- **FREE ONLINE TRAINING COURSES**
- **HOW-TO VIDEOS AND MORE!**

FOR THE PROFESSIONALS...



**ORANGE
THREADLOCKER**



**RED GASKET
MAKERS**

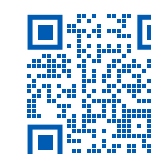


**COMMON GASKET
MAKER MISTAKES**



**SELECTING AND APPLYING
THE RIGHT GASKET MAKER**

GET STARTED TODAY



Permatex's Training Portal allows users to track their progress throughout each course. The intuitive platform adapts to both mobile and desktop devices and is easily accessible, so users can train and test their knowledge anywhere, any time.

...BY THE PROFESSIONALS



Permatex

GASKETING

SELECTION GUIDE



RED
HIGH TEMP SERIES

BLACK
HIGH FLEX SERIES

GREY
HIGH TORQUE SERIES

CARTRIDGE
TUBE
**2 FORMATS
AVAILABLE**

GASKET MAKERS

GASKET MAKER SELECTOR

Explore our range of Gasket Makers to find the perfect solution for your gasketing needs. Whether you're dealing with high temperatures, high torque, or general gasketing requirements, we have the right product to ensure a reliable gasket.

ULTRA®

The Ultra Gasket Maker range offers exceptional performance and reliability, making it an essential tool for both professional mechanics and DIY enthusiasts. The Ultra Gasket Maker range ensures efficient and effective gasket formation every time.



ESSENTIAL		
BLACK	GREY	RED
High Flex, High Oil Resistance	High Torque, High Vibration	High Temp
-54°C to 260°C	-54°C to 260°C	-54°C to 260°C
Sensor Safe	Sensor Safe	Sensor Safe

OPTIMUM

The Optimum Gasket Maker range excels in easy disassembly, allowing components to be separated quickly and effortlessly. This feature simplifies repairs and saves time making maintenance and repairs quicker and more efficient.



EASY DISASSEMBLY		
BLACK	GREY	RED
Max Flex, Max Oil Resistance	Max Torque, Max Vibration	Max Temp
-54°C to 260°C	-54°C to 371°C	-68°C to 399°C
Easy Disassembly		
Sensor Safe	Sensor Safe	Sensor Safe

THE RIGHT STUFF®

The Right Stuff Gasket Maker range is designed for the fastest return to service, sealing instantly and allowing equipment to be put back into operation quickly. The Right Stuff ensures minimal downtime and maximum efficiency for professional mechanics.



FASTER RETURN TO SERVICE			
90MIN BLACK	90MIN GREY	90MIN RED	1MIN BLACK
High Flex, High Oil Resistance	High Torque, High Vibration	High Temp	High Flex, High Oil Resistance
-54°C to 260°C	-54°C to 260°C	-54°C to 260°C	59°C to 232°C
90 min Return to Service			1min Return To Service
Sensor Safe	Sensor Safe	Sensor Safe	Sensor Safe

BLACK GASKET MAKERS

HIGH FLEX AND OIL RESISTANCE

Permatex Black Gasket Makers are specially formulated to combine high flexibility and heavy duty oil resistance. Ideal for wide bolt patterns and dissimilar metals.



ULTRA BLACK®

- High flexibility and oil resistance
- Sensor-safe, non-corrosive formula
- Resistance to powertrain fluids
- Eliminates the need for pre-formed, pre-cut gaskets
- OEM specified and approved for dealership warranty requirements
- Temperature range: -54°C to 260°C (-65°F to 500°F) intermittent

Suggested Applications:
Oil pans, timing covers, transmission pans, differential covers

Item #	Product Size / Type	Carton
PX82180A	85g tube, carded	12
PX24105	368g cartridge	12



OPTIMUM BLACK

- 15% stronger and 60% more flexible than Ultra Black
- Easy disassembly
- Maximum flexibility and maximum oil resistance
- Sensor-safe, low odour, non-corrosive
- Resistant to auto and shop fluids, and vibration
- Meets performance specs of OE silicone gaskets
- Temperature range: -54°C to 260°C (-65°F to 500°F) intermittent

Suggested Applications:
Oil pans, timing covers, transmission pans, differential covers

Item #	Product Size / Type	Carton
PX27037	85g tube, carded	12

BLACK GASKET MAKERS

HIGH FLEX AND OIL RESISTANCE



THE RIGHT STUFF BLACK 1 MINUTE

- High flexibility and oil resistance with fastest return to service
- Sensor-safe, non-corrosive, RTV silicone
- Resistance to powertrain fluids
- Quickly returns vehicle to service in just 1 minute
- Resists ATF, coolant, oil, and other shop fluids
- Temperature Range: -59°C to 232°C (-75°F to 450°F) intermittent

Suggested Applications:
Oil pans, timing covers, transmission pans, differential covers

Item #	Product Size / Type	Carton
PX33694	300mL cartridge	6



THE RIGHT STUFF BLACK 90 MINUTE

- High flexibility and oil resistance with fastest return to service in a tube
- Sensor-safe, non-corrosive, RTV silicone
- Resistance to powertrain fluids
- Quickly returns vehicle to service in just 90 minutes
- Resists ATF, coolant, oil, and other shop fluids
- Temperature range: -54°C to 260°C (-65°F to 500°F) intermittent

Suggested Applications:
Oil pans, timing covers, transmission pans, differential covers

Item #	Product Size / Type	Carton
PX25228	85g tube, carded	12

GREY RTV SILICONE GASKET MAKERS

HIGH TORQUE

Permatex Grey Gasket Makers are specially formulated for high rigidity and torque load. Ideal for high vibration applications and close bolt patterns.



ULTRA GREY®

- High torque and rigidity
- Sensor-safe, non-corrosive formula
- OEM specified
- Low-odour, non-corrosive formula
- Temperature range: -54°C to 260°C (-65°F to 500°F) intermittent

Suggested Applications:
Valve cover, water pump, intake manifold end seals, thermostat housings

Item #	Product Size / Type	Carton
PX89145A	85g tube, carded	12
PX82195	368g cartridge	6



OPTIMUM GREY

- Easy disassembly
- Maximum rigidity and maximum torque load and vibration resistance of the Grey Gasket Makers
- Protects against leaks caused by vibration and thermal expansion
- OEM specified
- Low-odour, non-corrosive formula
- Temperature range: -54°C to 371°C (-65°F to 700°F) intermittent

Suggested Applications:
Valve cover, water pump, intake manifold end seals, thermostat housings

Item #	Product Size / Type	Carton
PX27036	85g tube, carded	12



THE RIGHT STUFF GREY 90 MINUTE

- High torque and rigidity with fastest return to service in a tube
- Sensor-safe, non-corrosive, RTV silicone
- Protects against leaks caused by vibration and thermal expansion
- Meets performance specs of OE silicone gaskets
- Quickly returns vehicle to service in just 90 minutes
- Temperature range: -54°C to 260°C (-65°F to 500°F) intermittent

Suggested Applications:
Valve cover, water pump, intake manifold end seals, thermostat housings

Item #	Product Size / Type	Carton
PX34328	85g tube, carded	12

RED RTV SILICONE GASKET MAKERS

HIGH TEMPERATURE

Permatex Red Gasket Makers are specially formulated for high temperature applications to withstand frequent thermal cycling.



ULTRA RED®

- High temperature performance
- Sensor-safe, non-corrosive, RTV silicone
- Replaces almost any cut gasket
- Resists temperatures up to 343°C (650°F) intermittent
- Meets performance specs of OE silicone gaskets

Suggested Applications:
Header, manifold, slip-fit exhaust parts, turbocharger

Item #	Product Size / Type	Carton
PX81630	85g tube, carded	12
PX81624	368g cartridge	12



OPTIMUM RED

- Maximum temperature performance
- Easy disassembly
- Sensor-safe, non-corrosive, RTV silicone
- Meets performance specs of OE silicone gaskets
- Temperature resistance up to 399°C (750°F) intermittent
- Resistant to frequent thermal cycling

Suggested Applications:
Header, manifold, slip-fit exhaust parts, turbocharger

Item #	Product Size / Type	Carton
PX27038	85g tube, carded	12



THE RIGHT STUFF RED 90 MINUTE

- High temperature performance with fastest return to service available in a tube
- Sensor-safe, non-corrosive, RTV silicone
- Meets performance specs of OE silicone gaskets
- Resists temperatures up to 343°C (650°F) intermittent
- Quickly returns vehicle to service in just 90 minutes

Suggested Applications:
Header, manifold, slip-fit exhaust parts, turbocharger

Item #	Product Size / Type	Carton
PX34628	85g tube, carded	12

SPECIALITY GASKET MAKERS

Permatex Specialty Gasket Makers provide additional protection for those applications that require specialised formulas. Choose from Permatex's five most specialised formulas, including our only fuel-resistant gasket maker. Permatex has the right RTV solution for you.



FUEL RESISTANT MOTOSEAL® GASKET MAKER

- Resists fuel and other damaging fluids
- Ideal for use on frequently disassembled engines, as well as two and four cylinder engines
- Fully seals within 20 minutes
- Forms a tough, flexible bond that is highly effective on irregular and uneven joint surfaces
- Withstands temperatures to 177°C (350°F) continuous, 204°C (400°F) intermittent

Suggested Applications:

Transmission case halves, valve covers, center and end covers (transmissions), crank case halves, cam covers, timing chain cases, primary drives, side covers, and clutch housings

Item #	Product Size / Type	Carton
PX29132	80mL tube, carded	6



WATER PUMP & THERMOSTAT RTV SILICONE GASKET MAKER

- Sensor-safe, non-corrosive RTV silicone gasket material
- Formulated specifically for water pumps and thermostat housings
- Highest water-glycol resistance available in RTV silicone
- Superior adhesion and flexibility
- Can be used as a gasket maker or dressing

Suggested Applications:

Water pump and thermostat housings

Item #	Product Size / Type	Carton
PX22071	14g tube, carded	6

SPECIALITY GASKET MAKERS



ULTRA COPPER GASKET MAKER

- High temperature performance
- Sensor-safe non-corrosive
- Resists temperatures up to 371°C (700°F) intermittent
- Resists auto and shop fluids and vibration

Suggested Applications:

Header, manifold, slip-fit exhaust parts, turbocharger

Item #	Product Size / Type	Carton
PX81878	85g tube, carded	12

GASKET SEALANTS

As new engine designs require more advanced gasket makers, today's underhood 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 any model year or performance calibre.



FORM-A-GASKET® NO. 1 SEALANT

- Fast-drying, hard-setting sealant
- Designed for sealing rigid materials and flanges
- Patches holes and joints where permanent assembly is desired
- Resists common shop fluids and fuels
- Temperature Range: -54°C to 204°C (-65°F to 400°F)

Suggested Applications:
Valve cover, water pump, intake manifold end seals, thermostat housings

Item #	Product Size / Type	Carton
PX80008	85g tube, carded	12



FORM-A-GASKET NO. 2 SEALANT

- Slow-drying, non-hardening sealant approved for use in aviation as well as automotive applications
- Designed for dressing and sealing cut gaskets on flexible and stamped parts
- Allows for easy disassembly if required
- Resists fuel, oil and grease
- Temperature Range: -54°C to 204°C (-65°F to 400°F)

Suggested Applications:
Valve cover gaskets, oil pan gaskets

Item #	Product Size / Type	Carton
PX80016	85g tube, carded	12



FORM-A-GASKET NO. 3 SEALANT LIQUID AVIATION

- Slow-drying, non-hardening sealant
- Approved for use in aviation as well as automotive applications
- Resists fuel, oil and grease
- Temperature Range: -54°C to 204°C (-65°F to 400°F)

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

Item #	Product Size / Type	Carton
PX80019	118mL bottle	12

GASKET SEALANTS



PERMASHIELD™ FUEL RESISTANT GASKET DRESSING & FLANGE SEALANT

- Resistant to fuel and all other automotive fluids
- Remains flexible even at high temperatures and withstands rapid temperature changes
- Allows for repeated disassembly and reassembly in metal to metal applications
- Seals surface imperfections between metal parts and is ideal in high performance applications
- For use as a gasket maker or dressing
- Operating temperature range of -50° to 260°C (-60° to 500°F)

Suggested Applications:
Axle assemblies, hydraulic parts, differential covers, oil pans (cast), water pumps, bearing caps/brackets, gearboxes, hydraulic equipment covers, intake manifold gaskets, and valve cover gaskets

Item #	Product Size / Type	Carton
PX85420	59mL tube, carded	6



COPPER SPRAY-A-GASKET® HIGH-TEMP SEALANT

- Fast-drying, metallic copper spray adhesive sealant
- Helps to dissipate heat, prevents gasket burnout, and improves heat transfer
- Fills minor surface irregularities, hot spots and surface imperfections
- Resists all types of automotive fluids, especially fuel

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

Item #	Product Size / Type	Carton
PX80697	255g aerosol can	12

ANAEROBIC GASKET MAKERS & SEALANTS

Anaerobic gasket makers and sealants are ideal for sealing rigid machine surfaces where the maximum sealing gap is less than 0.381mm (.015”) . Use anaerobic sealants on machined aluminium surfaces such as transmission case halves and covers, gear cases, pump houses or surfaces commonly machined to tight tolerances.



ANAEROBIC GASKET MAKER

- Ideal for on-the-spot and emergency repairs, or when a conventional gasket is unavailable
- Fills gaps to up to 0.381mm (.015”)
- Cures to a solvent-resistant seal that will not tear or decay during service
- Parts disassemble easily even after extended service
- Old gasket material can be removed in minutes with a putty knife

Suggested Applications:
For use on machined aluminium metal components; transmission pans, transmission case covers, transaxle casings, transfer cases, split crankcases, pumps, and housings

Item #	Product Size / Type	Carton
PX51813	50mL tube, carded	6



ANAEROBIC FLANGE SEALANT

- For use on rigid machined flanges with less than 0.381mm (.015”) gap
- OEM approved for use where anaerobic gasket is specified
- Eliminates preformed, pre-cut, paper, rubber and cork gaskets
- Flexes with flanges that move in service
- Withstands temperatures to 149°C (300°F)

Suggested Applications:
Water pumps, thermostat housings, transmission pans, transmission case covers, engine cases, timing covers, and transaxle casings

Item #	Product Size / Type	Carton
PX51531	50mL tube	10

THREADLOCKERS

THREADLOCKER SELECTOR GUIDE

MEDIUM STRENGTH

HIGH STRENGTH

THREADLOCKER
BLUE

- 6-20MM
- 13/5.6
- 149°C



THREADLOCKER
ORANGE

- 6-25MM
- 18/20
- 149°C



THREADLOCKER
RED

- 10-25MM
- 28/28
- 149°C



FASTENER
SIZE



TEMPERATURE
RESISTANCE



BREAK/PREVAIL
TORQUE (Nm)

THREADLOCKER RED

HIGH/PERMANENT STRENGTH

Permatex High Strength Threadlocker Red is ideal for heavy-duty applications from 10mm to 25mm (3/8" to 1"), and locks against vibration loosening. Threadlocker Red is well-suited for permanently locking studs and press fits assemblies, it can add up to 3,000 PSI holding power and replaces set screws and snap rings. Heat or special tools may be required for removal.



HIGH STRENGTH
THREADLOCKER RED

- High strength threadlocker for heavy-duty applications 10mm to 25mm (3/8" to 1")
- Especially well-suited for permanently locking studs and press fits
- Adds 3,000 PSI holding power on slip and press fit assemblies
- Locks against vibration loosening
- May require heat or special tools for removal
- OEM specified

Suggested Applications:
Cylinder block and rocker arm studs, ring gear bolts, frame bolts, and shock absorber bolts

Item #	Product Size / Type	Carton
PX27110	10mL bottle, carded	6
PX27140	36mL bottle, carded (New)	6

PERMANENT STRENGTH
THREADLOCKER RED

- Permanent, high strength product that is applied to fasteners 10mm to 25mm (3/8" to 1")
- Designed for securing parts that must withstand heavy shock, vibration, or extreme chemical or environmental conditions
- Localised heating and hand tools are required to separate parts
- Protects threads from rust and corrosion
- OEM specified

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

Item #	Product Size / Type	Carton
PX26210	10mL bottle, carded	6
PX26250	50mL bottle	6



THREADLOCKER ORANGE

HIGH STRENGTH REMOVABLE

Permatex High Strength Removable Orange Threadlocker is a hybrid formula that combines the strength of Red Threadlocker with the removability of Blue Threadlocker. Orange Threadlocker is ideal for modern day engine bays with a great deal of lightweight components and high vibration applications. Unlike traditional Red Threadlocker, Orange Threadlocker can be removed with hand tools and does not require heat to achieve removal.



HIGH STRENGTH REMOVABLE THREADLOCKER ORANGE

- Hybrid formula, high strength removable
- High strength threadlocker for heavy-duty applications 6 to 20 mm (1/4" to 1")
- 3x the holding power of standard Blue Threadlocker (prevail)
- Removable with hand tools for disassembly
- Great for high vibration, overhead and vertical applications

Suggested Applications:

Case half bolts, triple tree fasteners, flywheel bolts, stator bolts, axel nuts, transmission mounting bolts, dirt bikes, manufacturing machinery, heavy-duty construction and much more

Item #	Product Size / Type	Carton
PX25210	10mL bottle, carded	6
PX25240	36mL bottle, carded	6

THREADLOCKER BLUE

MEDIUM STRENGTH

Permatex Medium-Strength Threadlocker Blue is ideal for all nut and bolt applications from 6mm to 20mm (1/4" to 3/4"), and can easily be removed with hand tools. Threadlocker Blue eliminates the need for stocking expensive lock nuts and lock washers and locks and seals while preventing parts loosening due to vibration, it can also protects threads from corrosion.



MEDIUM STRENGTH THREADLOCKER BLUE

- All-purpose, medium strength threadlocker
- Ideal for nut and bolt applications 6mm to 20mm (1/4" to 3/4")
- 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

Suggested Applications:

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

Item #	Product Size / Type	Carton
PX24210	10mL bottle, carded	6
PX24250	50mL bottle	6

THREAD SEALANTS

Permatex Thread Sealants seal and secure metal pipes and fittings against leakage by filling the space between threaded metal parts. Thread sealants cure to a pliable seal to prevent leakage caused by vibration loosening, tape shredding and solvent evaporation. Thread sealants replace traditional thread sealant tape and offer easy assembly, preventing galling of the thread.



HIGH PERFORMANCE THREAD SEALANT

- Formulated specifically for metal tapered pipe thread fittings
- Cures rapidly to withstand up to 10,000 PSI
- Prevents galling and protects mated threaded areas from rust and corrosion
- Prevents leakage from vibration, temperature cycling and extreme pressures
- Allows parts repositioning after application

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, and fuel fittings

Item #	Product Size / Type	Carton
PX56521	50mL tube, carded	6



HIGH TEMPERATURE THREAD SEALANT

- Locks and seals threaded fittings
- Resists leakage, vibration loosening, moisture, hydraulic fluids and diesel fuels
- Lubricates threads for easy assembly and disassembly
- Won't shred or wear
- Parts may be repositioned up to 4 hours after application
- Temperature Range: -54°C to 204°C (-65°F to 400°F)

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

Item #	Product Size / Type	Carton
PX59235	50mL tube, carded	6

ADHESIVES

EPOXIES

Permatex Epoxies offer convenient solutions for a wide range of bonding applications. These versatile easy-to-use epoxies offer general use to material-specific options to provide the perfect bond on any job and environment.

5 MINUTE EPOXY GEL



- 2-part general purpose syringe epoxy with non-drip gel formula for mess free application
- Blue dye indicator disappears when epoxy is ready to apply
- Permanent strength up to 3400 PSI
- Dries clear
- Sets in 5 minutes, cures in 10 minutes

Suggested Applications:
Ideal for complex, multi-piece assemblies. Bonds rigid materials including ceramic, chrome, fabric, fibreglass, glass, hard plastic, metal, and rubber

Item #	Product Size / Type	Carton
PX84101	25mL dual syringe, carded	6

STEEL WELD™ EPOXY



- Multi-metal epoxy adhesive in 2-part syringe
- Dries dark grey
- Permanent strength up to 4500 PSI
- Can be drilled, filed, and threaded. Fills gaps and will not shrink
- Sets in 5 minutes, cures in 10 minutes

Suggested Applications:
Ideal for complex, multi-piece assemblies. Bonds rigid materials including aluminium, brass, chrome, copper, iron, stainless steel, and steel. Use to seal welded seams, fill metal cracks, and mount metal components

Item #	Product Size / Type	Carton
PX84109	25mL dual syringe, carded	6

PLASTIC WELDER™



- 2-part syringe bonds hard and soft plastics in any combination
- Dries in cream colour
- Permanent strength up to 3500 PSI
- Gap filling to 3.175mm (0.125")
- Sets in 5 minutes, cures in 10 minutes

Suggested Applications:
Bonds rigid materials including ABS, acrylic, fibreglass, FRP, glass, PVC, SMC, steel, styrene, vinyl, and wood. Use for interior trim, filling cracks, bonding most plastics, and bonds plastic to vinyl

Item #	Product Size / Type	Carton
PX84115	25mL dual syringe, carded	6

SUPER GLUES

Permatex offers a wide range of instant adhesives designed to cover the vast majority of common automotive and household repairs, such as high performance super glues available in liquid and gel; ideal for overhead applications.

SUPER GLUE



- Best on non-porous surfaces
- Easy to apply, self-piercing tube
- Fast-drying, super strong adhesive
- Permanent, transparent bond fills gaps to 0.1016mm (0.004")

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

Item #	Product Size / Type	Carton
PX82190	2g tube, carded	12
PX49450	28g bottle, carded	6

SPECIALTY ADHESIVES

Permatex offers specialty adhesives which provide excellent adhesion across various surfaces. These specialty adhesives are great for making repairs and you can trust them to get the job done.



LIQUID METAL FILLER

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

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

Item #	Product Size / Type	Carton
PX25909	99g tube, carded	12



HEADLINER ADHESIVE

- High-strength spray adhesive designed for repairing interior parts that have become detached or loosened
- Resistant to extreme weather conditions
- Dries clear for neat appearance
- High temp formula maintains high strength at temperatures up to 77°C (170°F)
- VOC compliant
- Water resistant

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

Item #	Product Size / Type	Carton
PX27828	567g aerosol can, 474g net	6

SPECIALTY ADHESIVES

Permatex offers specialty adhesives which provide excellent adhesion across various surfaces. These specialty adhesives are great for making repairs and you can trust them to get the job done.



BLACK SUPER WEATHERSTRIP ADHESIVE

- Dry in black colour
- Water resistant
- Excellent chemical resistance
- Fast drying and high versatility
- Withstands temperature extremes

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

Item #	Product Size / Type	Carton
PX81852	59mL tube, carded	6

ADHESIVE SEALANTS

Permatex Adhesive Sealants are ideal for virtually any sealing application, from windshields to vinyl tops to electrical connections. These well known general-purpose adhesive sealants will help you get the job done right the first time.



BLACK SILICONE ADHESIVE SEALANT

- Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, weather stripping, and vinyl tops
- Waterproof and flexible
- Sensor-safe, general purpose black RTV indoor/outdoor sealant
- Resists water, weather, and vibration
- Temperature Range: -59°C to 232°C (-75°F to 450°F)

Suggested Applications:
Door frames, electrical connections, seams, roofs, vinyl tops, and weatherstripping
(Not recommended for engine gasket applications)

Item #	Product Size / Type	Carton
PX81158	85g tube, carded	12
PX81173	365g cartridge	12



CLEAR SILICONE ADHESIVE SEALANT

- Seals, bonds, repairs, mends and secures glass, metal, plastics, fabric, vinyl, weather stripping, and vinyl tops
- Waterproof, durable, and flexible
- General purpose, clear RTV indoor/outdoor sealant
- Resists water, weather, and vibration
- Temperature Range: -59°C to 204°C (-75°F to 400°F)

Suggested Applications:
Door frames, electrical connections, seams and roofs, vinyl tops, weatherstripping
(Not recommended for engine gasket applications)

Item #	Product Size / Type	Carton
PX80050	85g tube, carded	12
PX80855	311g cartridge	12

SPECIALTY REPAIR

REPAIR KITS

Permatex offers a wide range of Repair Kits for common automotive repairs. These user-friendly DIY kits simplify the repair process, making it quicker and more efficient.



WHEEL RESTORATION KITS

- Repairs curbside rash, corrosion, dents, scratches and surface damage
- Restores metal wheel surfaces
- Permanent repair

Each kit contains:

- Sanding Block (120 grit)
- Sand Paper (340 grit)
- Wheel Repair Filler (14g)
- Wheel Paint Marker (Silver or Black)
- Wooden Applicator Stick
- Alcohol Towelettes (2 pieces)
- Masking Tape (16 pieces)

Item #	Product Size / Type	Carton
PX09142	Silver, 1 kit, clam shell	6
PX09143	Black, 1 kit, clam shell	6



BULLSEYE™ WINDSHIELD REPAIR KIT

- One-component windshield repair system
- Designed to be used by the car owner
- May be used to make air-tight repairs of bullseye damage up to 31mm in diameter on most laminated windshield glass
- Safe, easy to use and makes repair virtually undetectable
- Requires no mixing or heat

Suggested Applications:

Bullseyes on laminated windshield glass

Item #	Product Size / Type	Carton
PX16067	1 kit, clam shell	6



WINDSHIELD REPAIR KIT

- Professional quality repairs with no mixing required
- Makes permanent air-tight repairs of bullseye damage up to 32mm (1 1/4") on most laminated windshield glass
- Complete kit contains: Windshield repair syringe and plunger, repair compound, adhesive disc, pedestal, curing strip, push pin, razor blade, alcohol towelette and instruction sheet
- Repair should be made in shaded area with the windshield temperature between 10°C and 24°C (50°F and 75°F)
- Resin cures by natural sunlight

Suggested Applications

Repairs bullseyes (up to 32mm (1 1/4") long) in laminated automotive windshields

Item #	Product Size / Type	Carton
PX09103	1 kit, clamshell	6

REPAIR KITS



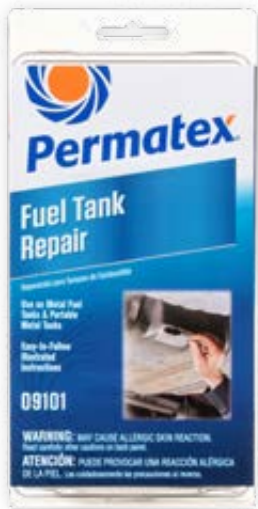
HEAVY DUTY TAILPIPE REPAIR KIT

- Temperature resistance up to 1093°C (2000°F)
- Seals out toxic exhaust gasses
- Stops unwanted exhaust noise
- Use on exhaust and tailpipes of 3.8cm (1 1/2") to 7cm (2 3/4")

Suggested Applications:

Tailpipe and Mufflers

Item #	Product Size / Type	Carton
PX80336	1 kit	6



FUEL TANK REPAIR KIT

- Complete kit containing everything required for making professional quality repairs in minutes
- Eliminates dangerous welding
- Repairs cracks up to 10cm (4") long and holes up to 0.9cm (3/8") in diameter
- Repair resin designed to harden within 8-10 minutes and cure in 30 minutes
- Repairs should be made at temperatures from 10°C to 24°C (50°F to 75°F); resin will take longer to cure at lower temperatures
- Not recommended for use on plastic gas tanks

Suggested Applications:

Ideal for cars, light trucks and commercial vehicles; portable metal fuel tanks, and metal car fuel tanks

Item #	Product Size / Type	Carton
PX09101	1 kit, clam shelled	6



EXTREME STRENGTH REARVIEW MIRROR ADHESIVE

- 2-part (towelette and pipette) professional strength rearview mirror adhesive and activator
- Medical grade towelette helps to minimise application messes and improves application accuracy
- Use on metal buttons only
- Incorporates professional strength OEM specified formula
- Permanent bond

Suggested Applications:

Mounting rear-view mirrors to windshields

Item #	Product Size / Type	Carton
PX81840	2-part kit, carded	12

SPECIALTY REPAIR

Permatex offers a range of advanced additive lubricants designed to meet the needs of automotive professionals and enthusiasts. From precision assembly to critical maintenance, these products deliver superior performance and protection.



ULTRA SLICK ENGINE ASSEMBLY LUBE

- Adheres to component surfaces to prevent scuffing and galling during initial start up
- Proper lubrication of metal mating surfaces is essential prior to starting a new or rebuilt engine
- High quality formulation meets or exceeds OEM performance specs

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

Item #	Product Size / Type	Carton
PX81950	118mL bottle	12



PRUSSIAN BLUE .75 FL OZ

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

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

Item #	Product Size / Type	Carton
PX80038	22mL tube	36



VALVE GRINDING COMPOUND

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

Suggested Applications:
Seat valves, sharpening reel type lawn mowers

Item #	Product Size / Type	Carton
PX80036	42g tube, carded	12

LUBRICANTS

ANTI-SEIZE LUBRICANTS

Permatex anti-seize lubricants are made with specialised formulations designed to protect metal parts from seizing, galling, and corrosion under extreme condition. These lubricants work effectively in high-temperature and high pressure environments, ensure long lasting performance and easier disassembly of parts.

ANTI-SEIZE LUBRICANT

- Highly refined blend of aluminium, copper, and graphite lubricants
- Salt, corrosion and moisture resistant
- Prevents galling, corrosion and seizing to ensure easier disassembly
- Temperature Range: -51°C to 871°C (-60°F to 1600°F)
- Ideal for marine use

Suggested Applications:

For easy removal of spark plugs, cylinder head and exhaust head bolts; apply to anchor pins on brake assemblies, u-bolts and spring bolts, hinges, gears, chain, sprockets, and rollers



Item #	Product Size / Type	Carton
PX81343	28g tube, carded	12
PX80078	226g brush-top bottle	12

COPPER ANTI-SEIZE LUBRICANT

- Prevents seizing, corrosion and galling where high temperature conditions exist
- Fortified with high quality rust and corrosion inhibitors
- Provides good electrical conductivity
- Contains a high percentage of micro-fine copper flakes in a semi-synthetic grease carrier
- Temperature Range: -34°C to 982°C (-30°F to 1800°F)

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 #	Product Size / Type	Carton
PX09128	226g brush-top bottle	6

NICKEL ANTI-SEIZE LUBRICANT

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

Suggested Applications:

Exhaust manifold bolts, exhaust system bolts, muffler clamps and tailpipe assemblies



Item #	Product Size / Type	Carton
PX77124	226g brush-top bottle	12

SPECIALTY LUBRICANTS

Permatex offers a range of advanced additive lubricants designed to meet the needs of automotive professionals and enthusiasts. From precision assembly to critical maintenance, these products deliver superior performance and protection.

DIELECTRIC TUNE-UP GREASE

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

Suggested Applications:

All electrical connections, spark plug boots, trailer hitches



Item #	Product Size / Type	Carton
PX81150	9g, carded	6
PX22058	85g, carded	6

O-RING LUBRICANT

- Prevents Rust and Corrosion
- Conditions, seals and extends service life
- Non-Melting
- NSF H-1 Registered
- High dielectric strength



Item #	Product Size / Type	Carton
PX81101	35g, carded	12



THINK FAST! FAST ORANGE

HAND CLEANERS FOR WORKING HANDS



Fast Orange® Pumice and Smooth Hand Cleaner

The #1 selling, biodegradable, waterless, petroleum solvent-free hand cleaner is infused with MicroGel, a patent-pending hand cleaning technology developed by Permatex to make Fast Orange even better!

This advanced hand cleaning technology adheres better to your hands making Fast Orange a more efficient cleaner — requiring less product to do the job right! Fast Orange with MicroGel has the same great fast cleaning power, feels smoother on hands, and is even better for the environment.

It contains no harsh chemicals, petroleum solvents, mineral oils or ammonia that can sting cuts or abrasions and is fortified with aloe, lanolin, and other premium skin conditioners to soothe and protect raw, rough hands.



HAND CARE

FAST ORANGE®

FINE PUMICE LOTION HAND CLEANER

The #1 selling waterless, petroleum solvent-free hand cleaner that contains no harsh chemicals, petroleum solvents, or ammonia that can sting cuts or abrasions. Pure, fresh-smelling natural citrus power does the cleaning. Fortified with aloe, lanolin, glycerin, and other skin conditioners to soothe raw, rough hands. Fine pumice deep cleans the toughest dirt. Also works great around the workshop and home for scuff marks, tile floors, pet odours, and many other household cleaning needs.



FAST ORANGE FINE PUMICE LOTION HAND CLEANER

- Petroleum solvent free hand cleaner formula
 - Pure, fresh citrus scent
 - Fortified with premium skin conditioners
 - Fine pumice deep cleans the toughest dirt
- Suggested Applications:**
Resins, oil, grease, tar, grime, soil, printer's ink, epoxies, paint, rubber cement, gasket and tile cements

Item #	Product Size / Type	Carton
PX25122	443mL Bottle	12
PX25217	1.8L Bottle with Pump	6
PX25218	3.78L Bottle with Pump	4
PX95185	20L Drum	1

FAST ORANGE

XTREME

Fast Orange Xtreme delivers superior cleaning power fast, with less residue, and without a lingering petroleum odour. Fast Orange Xtreme contains concentrated odour neutralisers that counteract the smell of fuel, oil, and other common odours. Advanced skin restoration conditioners protect hands against drying and cracking.



FAST ORANGE XTREME ORANGE SCENT

- Professional grade formulation
 - Proven 10% greater cleaning power over original formula and other brands
 - Advanced skin restoration conditioners protect hands against drying and cracking
 - Odour eliminating technology neutralises the smell of fuel, oil, and other common odours
- Suggested Applications:**
Removes grease, grime, tar, adhesives, asphalt, carbon, epoxies, tile cement, oil, paint, odours, ink, and much more

Item #	Product Size / Type	Carton
PX25618	3.78L Bottle with Pump	4

PX09142 , PX09143

PERMATEX WHEEL RESTORATION KITS

Permatex Wheel Restoration Kits are designed for the complete and permanent restoration of your damaged wheels, such as curb side rash, corrosion, pitting, scuffs, dents and scratches.



Permanent Repair



Restores Metal Wheel Surfaces



Available in Black or Silver



Ultra Complete Repair System



Long-lasting, Metal-Tough Bond



Proven performance with DYKEM paint markers

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GASKET MATRIX BY APPLICATION



	BLACK			GREY			RED			SPECIALTY	
	Ultra	Optimum Easy Disassembly	The Right Stuff	Ultra	Optimum Easy Disassembly	The Right Stuff	Ultra	Optimum Easy Disassembly	The Right Stuff	Anaerobic Gasket Maker	Water Pump+ Thermostat
Oil Pan - Aluminum/Steel	○	⦿	●								
Intake Manifold - Cast Iron				○	⦿	●					
Intake Manifold - Aluminum				○	⦿	●					
Valve Cover - Steel	○	⦿	●								
Valve Cover - Aluminum				○	⦿	●					
Timing Cover - Steel	○	⦿	●								
Timing Cover - Aluminum				○	⦿	●				●	
Water Pump				○	⦿	●					●
Thermostat				○	⦿	●					●
Exhaust							○	⦿	●		
Transmission Case - A/T	○	⦿	●							●	
Transmission Case - Manual	○	⦿	●							●	
Transmission Pan - Steel	○	⦿	●								
Transmission Pan - Aluminum	○	⦿	●								
Transfer Case	○	⦿	●							●	
Differential Cover		⦿	●								

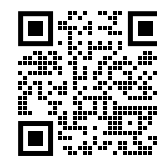
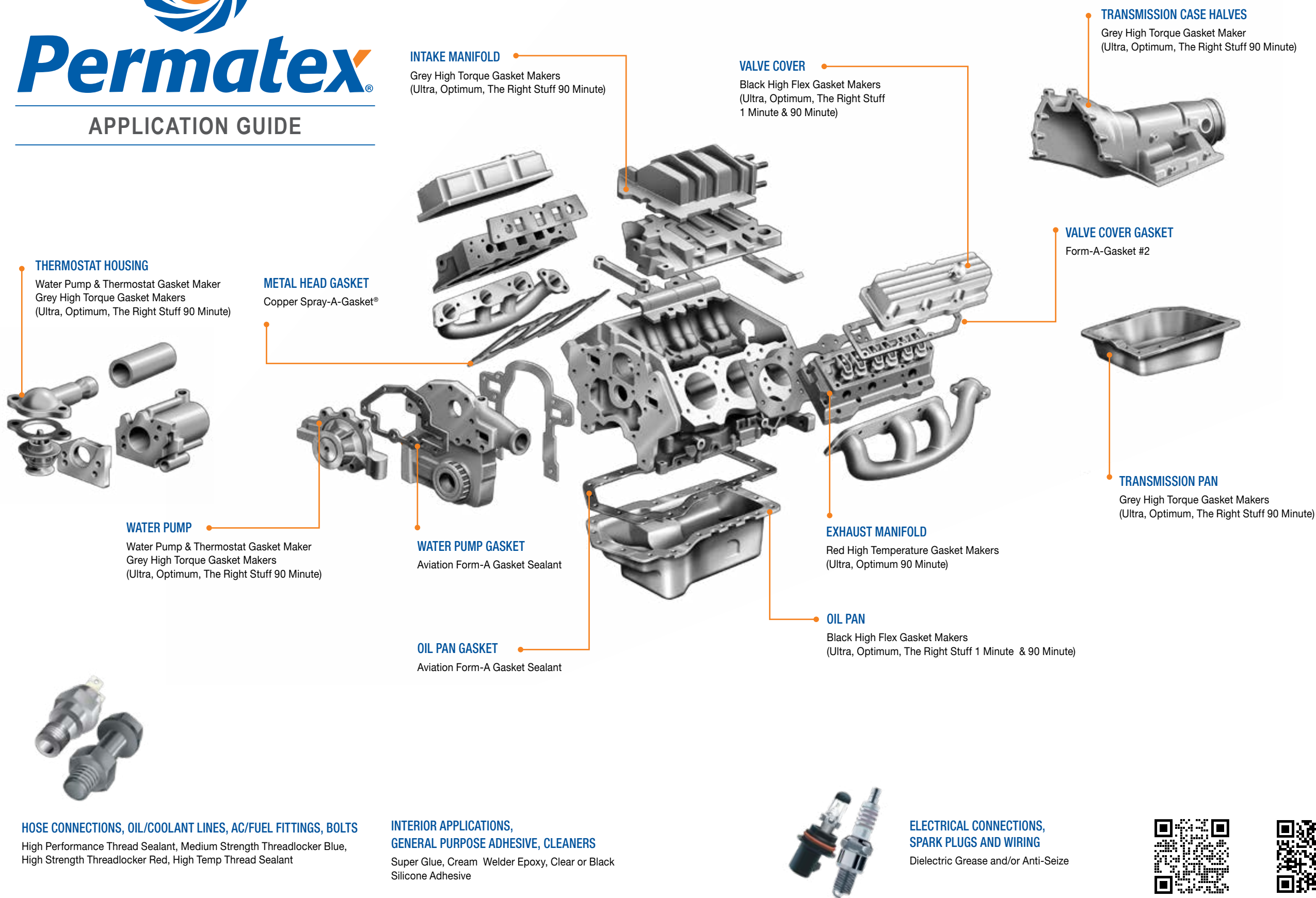
○ Better ⦿ Best Performance ● Best speed return to service

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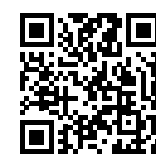


Permatex®

APPLICATION GUIDE



TRAINING PORTAL



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ENGINE & TRANSMISSION

GASKET MAKERS

Permatex® Black High Flex Gasket Makers
(Ultra, Optimum, The Right Stuff 1 Minute & 90 Minute)
Automatic transmission pan, timing chain cover & oil pan

Permatex® Grey High Torque Gasket Makers
(Ultra, Optimum, The Right Stuff 90 Minute)
Valve covers, water pump & intake manifold

Permatex® Red High Temperature Gasket Makers (Ultra, Optimum, The Right Stuff 1 Minute & 90 Minute)
Exhaust manifold/header, slip-fit exhaust parts & turbo charger

Permatex® Anaerobic Gasket Maker
Transmission case covers, transaxle casings & water pump housing

Permatex® Water Pump & Thermostat RTV Silicone Gasket Maker
Water pump housing & thermostat housing

LUBRICANTS

Permatex® Anti-Seize
Cylinder head & exhaust bolts, oxygen sensors, knock sensors & thermostat housing bolts

ADHESIVES

Permatex® Steel Weld Epoxy
Metal bonding

THREAD COMPOUNDS

Permatex® Threadlockers
(High Strength Red, High Strength Removable Orange, Medium Strength Blue)
Drive shaft bolts, rocker arm adjustment nuts, camshaft sprocket bolts & flywheel bolts

Permatex® Thread Sealants
(High Performance & High Temperature)
Oil pressure sensors, threaded fuel injector fittings, coolant temperature sensor, oil pan drain plug, head bolts into through holes, oil pressure sending units, rear axle fill plug & fuel fittings

SPECIALIZED MAINTENANCE

Permatex® Battery Cleaner & Protector & Sealer
Battery terminals

Permatex® Fuel Tank & Radiator Repair Kit
Metal tanks only

BODY & CHASSIS

THREAD COMPOUNDS

Permatex® High Strength Removable Threadlocker Orange
Caliper bracket bolts, shock absorber mounts, suspension & chassis fasteners, frame brackets, body panel mounting fasteners

ADHESIVES

Permatex® 5 Minute Gel Epoxies
Chrome, rubber, plastic & metal trim

Permatex® Plastic Welder
Plastic bumper & hard plastic parts

Permatex® Clear & Black Adhesive Sealant
Door frames, vinyl tops, weather striping, head & tail light assemblies

LUBRICANTS

Permatex® Anti-Seize
Axle assembly, exhaust bolts, anchor pins on brake assemblies & spring bolts

SPECIALIZED MAINTENANCE

Permatex® Fuel Tank Repair
Metal fuel tanks

Permatex® Dielectric Grease
Electrical connections, lights & bulbs, trailer hitch electrical connectors

Permatex® Bullseye Windshield Repair
Windshield glass

INTERIOR

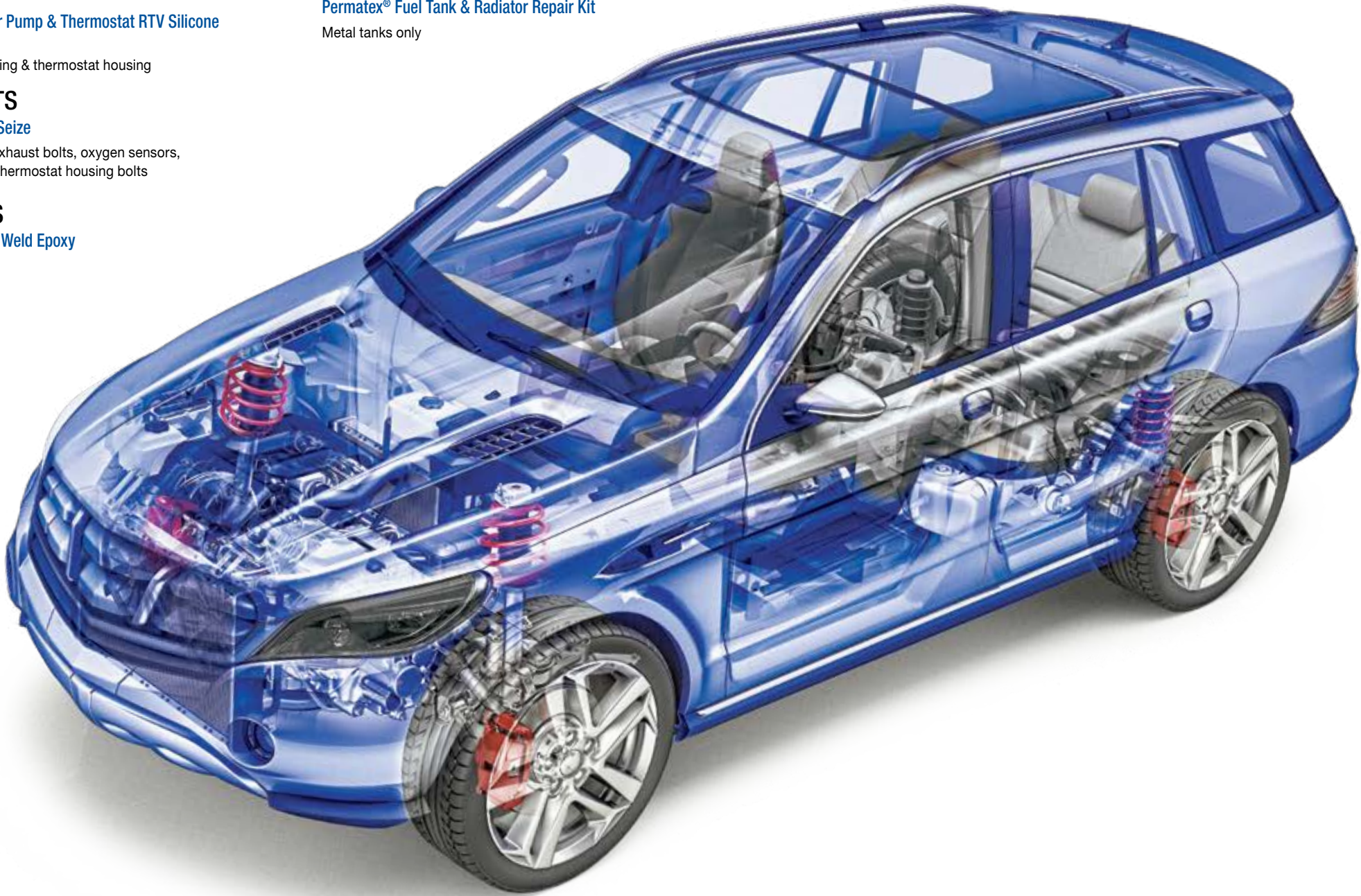
ADHESIVES

Permatex® 5 Minute Gel Epoxies
Chrome, rubber, plastic & metal trim

SPECIALIZED MAINTENANCE

Permatex® HD Headliner Adhesive
Headliner & carpet

Permatex® Rearview Mirror Adhesive
Rearview mirror attachment



ENGINE & TRANSMISSION



ENGINE & TRANSMISSION

GASKET MAKERS

Permatex® Black High Flex Gasket Makers
(Optimum Black & The Right Stuff Black)

Automatic transmission pan, valve covers, oil pan, power divider shaft housing & PTO covers to housing

Permatex® Grey High Torque Gasket Makers
(Optimum Grey & The Right Stuff Grey)

Thermostat housing, water pump, intake manifold

Permatex® Red High Temp Gasket Makers
(Optimum Red & The Right Stuff Red)

Exhaust manifold, turbo chargers & exhaust flanges

Permatex® Anaerobic Gasket Maker

Case covers, power divider shaft housing, input/output power shafts & PTO covers to housing

THREAD COMPOUNDS

Permatex® High Strength Removable Threadlocker Orange

Engine mounting bolts, case cover bolts & oil seal retaining bolts

Permatex® High Strength Threadlocker Red

Mounting studs, air starter fasteners & cap screws

Permatex® Medium Strength Threadlocker Blue

Starter mounts, alternator mounts & axle housing bolts

LUBRICANTS

Permatex® Anti-Seize

Cylinder head, exhaust bolts, knock sensors & thermostat housing bolts

SPECIALIZED MAINTENANCE

Permatex® Fuel Tank Repair Kit

Metal tanks only



BODY & CHASSIS

SPECIALIZED MAINTENANCE

Permatex® Dielectric Grease

Head and taillights & electrical connections

Permatex® Bullseye Windshield Repair

Windshield glass

ADHESIVES

Permatex® 5 Minute Gel Epoxies

Chrome, rubber, plastic, metal trims & emblems

THREAD COMPOUNDS

Permatex® High Strength Removable Threadlocker Orange

Suspension fasteners, chassis & trailer bolts, shock absorber mounts, wheel studs, exhaust system mounts, bumper fasteners, fuel tank fasteners, door hardware, running light screws, horn mounting & windshield wiper nuts

GASKET MAKERS

Permatex® Clear & Black RTV Silicone Adhesive Sealant

Door frames, windshields, weather stripping, head & taillight assemblies



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