Since 1909, Permatex® products have been used in workshops, garages, and at racetracks all 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.

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 located in Solon, Ohio 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.
Fast Orange® is the number one selling, waterless, natural citrus hand cleaner in the US market.

- Natural "Waterless" Formula effectively removes medium to heavy soils without harming the skin.
- Premium Skin Conditioners protect hands against drying effect.
- Biodegradable Formula is safe for environment.

**FAST ORANGE HAND CLEANER**

<table>
<thead>
<tr>
<th>Product ID.</th>
<th>Languages</th>
<th>Units per box</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
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<td>35405</td>
<td>GB/ES/PT/IT/FR/DE/NO/DK/FI</td>
<td>4</td>
<td>3,78 l</td>
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</table>

Bonds rigid materials including:
- Resins
- Oil
- Grease
- Tar
- Grime
- Soil
- Printer's ink
- Epoxies
- Paint
- Rubber
- Gaskets and Tile Cement
- Windshield Polyurethane (body shops)
Super Glues and 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.

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.

ULTRABOND SUPER GLUE
- Premium, fast acting adhesive that provides a stronger, longer lasting bond and works on more materials than regular super glue.
- Sets in seconds and forms a strong, transparent bond.
- Fills gaps to 0.01 cm.

Product ID | Languages | Units per box | Capacity
---|---|---|---
35601 | EN/ES/FI/GR | 12 | 5 g
35602 | FR/DE/IT/NL | 12 | 5 g
35603 | SE/NO/FI/UK | 12 | 5 g

Applications
Bonds rigid materials including:
- Metal
- Most Plastics
- Laminated Plastics
- Vinyl
- Rubber
- Ceramics
- Paper
- Wood
- Textiles
- Leather
- Synthetic Leather
- Cork and Chipboard.

MULTI METAL EPOXY
- Two part, filled epoxy adhesive system.
- Eliminates the need for welding.
- Cures in 4 minutes.
- Bonds different metals.
- Water and solvent resistant.
- Will not shrink.
- Various curing cycles.
- No clamping needed.
- Fills gaps.
- Dark grey colour.
- Impact resistant.
- High temperature resistant (-51°C to 149°C).
- Can be drilled, sanded and painted.
- Permanent strength up to 31 MPa.

Product ID | Languages | Units per box | Capacity
---|---|---|---
35241 | ES/PT/FR/DE | 12 | 25 ml
35242 | SE/EN/NL/GR | 12 | 25 ml

Applications
Bonds rigid materials including:
- Aluminium
- Brass
- Chrome
- Copper
- Iron
- Stainless Steel
- Steel
- Cast

ADHESIVES
• 15-minute, two-part adhesive and filler system that eliminates the need for welding or brazing.
• Repairs, fills and bonds to iron, steel, brass, bronze, aluminum and copper.
• Once cured, it can be drilled, tapped, threaded, filed, sanded and painted.
• Resists most automotive, shop and cleaning fluids.
• Withstands temperatures to 178°C intermittent.
• Over 21 MPa shear strength on steel.

Applications
Bonds rigid materials including:
Aluminium  ·  Steel  ·  Brass  ·  Bronze  ·  Copper  ·  Iron  ·  Castings and stampings

15 Min. COLD WELD

Applications
Bonds rigid materials including:
- Fiberglass  ·  PVC  ·  Styrene  ·  ABS  ·  Acrylic  ·  FRP  ·  Glass  ·  Steel  ·  Vinyl  ·  Wood
Use for interior trim, fills cracks, bonds most plastic, bonds plastic to vinyl.

5 Min. PLASTIC WELD EPOXY

Applications
Bonds rigid materials including:
- Fiberglass  ·  PVC  ·  Styrene  ·  ABS  ·  Acrylic  ·  FRP  ·  Glass  ·  Steel  ·  Vinyl  ·  Wood
Use for interior trim, fills cracks, bonds most plastic, bonds plastic to vinyl.

5 Min. GENERAL PURPOSE EPOXY

Applications
Bonds rigid materials including:
- Ideal For Complex, Multi-Piece Assemblies, Bond Rigid Materials Including,
  Ceramic, Chrome, Fabric, Fiberglass, Glass, Hard Plastic, Metal and Rubber.
  Fills Gaps And Bonds Dissimilar Materials. Use On Casting Cracks And Holes, Automotive Trim Parts, Ornaments, Knobs, Cracked Taillights, Damaged Grills, Mount Components, Body Moldings, Tamper
  Proofing, Hub Cap Trim, Damaged Spoilers, Seals Metal Seams, Repair Tarke, Mount
  Bushings, Repair Castings, Interior Trim, Mounting Brackets.

<table>
<thead>
<tr>
<th>Product ID</th>
<th>Languages</th>
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<th>Capacity</th>
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<tbody>
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<tr>
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<td>25 ml</td>
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<tr>
<td>35233</td>
<td>ES/PO/IT/FR/DE</td>
<td>12</td>
<td>25 ml</td>
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</table>
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 OEMs 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.
Bonds rigid materials including:
· Cylinder Block and Rocker Arm Studs
· Ring Gear Bolts - Frame Bolts - Shock Absorber Bolts

OEM specified.
High strength threadlocker for heavy-duty 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.

Applications

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<thead>
<tr>
<th>Product ID</th>
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<th>Capacity</th>
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<tr>
<td>27112</td>
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<td>12</td>
<td>10 ml</td>
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<tr>
<td>35375</td>
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<td>27152</td>
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</table>

HIGH STRENGTH THREADLOCKER

OEM specified.
High strength threadlocker for heavy-duty 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.

Applications

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<tr>
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<th>Capacity</th>
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<tbody>
<tr>
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<td>24211</td>
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<td>24212</td>
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<tr>
<td>35395</td>
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</tr>
<tr>
<td>24212</td>
<td>EN/DU/FR/GR</td>
<td>6</td>
<td>50 ml</td>
</tr>
</tbody>
</table>

MEDIUM STRENGTH THREADLOCKER

OEM specified.
All-purpose, medium strength threadlocker.
Ideal for all nut and bolt applications 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.

Applications

<table>
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<tbody>
<tr>
<td>35362</td>
<td>ES/PO/IT/DU</td>
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<td>10 ml</td>
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<tr>
<td>24211</td>
<td>SW/FR/NO/DK</td>
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<td>24212</td>
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<td>12</td>
<td>10 ml</td>
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<tr>
<td>35395</td>
<td>ES/PO/IT</td>
<td>6</td>
<td>50 ml</td>
</tr>
<tr>
<td>24212</td>
<td>EN/DU/FR/GR</td>
<td>6</td>
<td>50 ml</td>
</tr>
</tbody>
</table>

PERMATEX® THREADLOCKER

HIGH STRENGTH THREADLOCKER

LOCK WASHER
Designed to meet the needs of the professionals and DIYers alike, our automotive cleaners have gained wide acceptance as the highest quality products of their kind.

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.

Permatex® lubricants work to protect and lubricate virtually every automotive part and component.

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.

<table>
<thead>
<tr>
<th>BRAKE AND PARTS CLEANER</th>
<th>ENGINE CLEANER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special formula to clean and remove the grease from the brakes and clutches.</td>
<td>Engine and chain cleaner.</td>
</tr>
<tr>
<td>Does not damage the rubber used for the brake systems.</td>
<td>Cleans all kind of engines, mechanical parts, garage floors,...</td>
</tr>
<tr>
<td>Environmentally friendly. Does not contain CFC.</td>
<td>Removes grease, oil, and dirt in general.</td>
</tr>
<tr>
<td>It does not harm paint or plastic or rubber parts.</td>
<td></td>
</tr>
</tbody>
</table>

Permatex® lubricants work to protect and lubricate virtually every automotive part and component.

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.
CARBURETOR CLEANER
- Eases the removal of waste (rubber, shellac and other particles) from the carburetor and injection system elements.

GREASE SPRAY
- Long lasting special lubricant.
- Penetrates in narrow areas and then solidifies into grease.
- The product is very sticky after a quick evaporation of the solvent.
- Wide service temperature range.

MULTI-PURPOSE LUBRICANT
- Lubricant, anti-moisture, anti-corrosion, unblocking, and penetrating features.
- Lubricates locks, hinges and other mechanisms.
- Displaces water and makes it easier to start wet engines.
- Protects Electronic or electrical equipment.
- Loosens rusted and stiff parts. Protects against corrosion.
- It does not stain or attack the paint and leaves a transparent film.

LOOS ALL SPRAY
- Product based on solvents, lubricant oils, solid lubricants (graphite) and additives with low surface tension and high penetrating power.
- Very active lubricating and penetrating product for loosening, sliding or unscrewing of nuts, bolts, screws or any other metal part seized by rust build up, time effect or exposure to dirt.
- If applied during assembly, prevents rust build up and ensures further disassembly.
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.

THE RIGHT STUFF
THE NEW GENERATION OF GASKET MAKERS

- Elastomeric formulation, not a silicone.
- Advantages compared to traditional silicone:
  - Stiffer gaskets (blowout resistant).
  - Better and easier application.
  - Higher adherence to metal.
  - Seals better than a traditional silicone.
  - Excellent durability.
- Cures faster; gaskets can be made in 1 minute.
- Leak and seepage resistance.
- Pressurized can: easier application and better product preservation.
- Does not damage the oxygen sensor.
- Perfect for diesel engines.
- OEM specified.
- Temperature range: -59°C to 232°C.

OTHER REPAIR PRODUCTS

VALVE GRIND

- Odorless grey paste containing selected abrasive grits dispersed in a waterbase, non-corrosive binder composed of gelling agents, lubricants, preservatives and ethylene glycol.
- Designed to aid valve grinding operations on automotive, industrial and marine engines.
- Can be used for lapping and grinding chromium-cobalt, hard-faced seats and discs.
- Removes burrs, surface defects, gums, carbon deposits and corrosion.
- Mixes with water to form easy-to-use paste.
- Provides a fine, smooth finish.

EXHAUST SEALER

- Specially formulated, thick, non-slumping paste type repair material.
- Product benefits:
  - Waterproof
  - Non-shrinking
  - Spreads easily
  - Avoids leaks and makes easier any later dismantling process.
  - The product dries due to the heat of the expelled gas.
  - Resists to temperatures up to 1,000°C.

<table>
<thead>
<tr>
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<th>Languages</th>
<th>Units per box</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
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<tr>
<td>12073</td>
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<td>24</td>
<td>100 g</td>
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<table>
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<tr>
<th>Product ID</th>
<th>Languages</th>
<th>Units per box</th>
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<tbody>
<tr>
<td>12232</td>
<td>EN/FR/ES/PO/IT/GR</td>
<td>24</td>
<td>100 g</td>
</tr>
</tbody>
</table>
SUPRA BLUE MULTIPURPOSE SILICONE GASKET MAKER
- Standard use applications.
- Temperature range: -54°C to 260°C.
- Sensor safe, non-corrosive, low odor.

Applications
- Valve covers
- Oil pans
- Timing covers
- Differential covers

SUPRA BLACK MAXIMUM OIL RESISTANCE
- Patented oil resistant adhesion system.
- Temperature range: -54°C to 260°C.
- Sensor safe, non-corrosive, low odor.

Applications
- Valve covers
- Oil pans
- Timing covers
- Differential covers

SUPRA GREY RIGID HIGH TORQUE
- High torque & high vibration applications.
- Temperature range: -54°C to 260°C.
- Enhanced oil resistance & improved adhesion.
- Sensor safe, non-corrosive, low odor.

Applications
- Valve covers
- Oil pans
- Timing covers
- Differential covers

SUPRA COPPER HIGH TEMPERATURE
- High temperature applications.
- Temperature range: -54°C to 350°C.
- Sensor safe, non-corrosive, low odor.

Applications
- Valve covers
- Oil pans
- Timing covers
- Water pumps
- Thermostat housings

AVIATION-FORM A GASKET Nº. 3 GASKET SEALANT
- Dark reddish brown, viscous liquid with a characteristic alcoholic odor.
- Slow drying, liquid that changes to a pliable, tacky film through solvent evaporation.
- Seals close fitting parts, machined surfaces and threaded connections in industrial, aircraft, marine and automotive applications.
- Temperature range: -54°C to 204°C.
- Stands gasoline, oil and anti-freeze.

Applications
- Solid gasket dressing
- Close Fitting Machined Surfaces
- Threaded Connections
- Aviation Engines
- Marine engines

COPPER SPRAY-A-GASKET® HI-TEMP SEALANT
- Fast-drying, metallic copper sealant helps dissipate heat, prevents gasket burnout and improves heat transfer.
- Fills minute surface irregularities.
- Seals instantly.
- Fills hot spots and surface imperfections.
- Temperature range: -45°C to 260°C
- Resists all types of automotive fluids, especially gasoline.

Applications
- Cylinder head gaskets
- Carburetor gaskets
- Exhaust manifold gaskets
- Other high temperature applications