



★ THE WORLD'S STRONGEST BOND™ ★

Product Guide v.8.0

by
HPP LUNDS

About J-B Weld®

We Take Pride in Making It. You Take Pride in Using It.

Ask an avid DIYer, a mechanic, or any repair professional what he has to have in his toolbox, and he's sure to tell you about tried-and-true staples like duct tape, WD-40®, and of course J-B Weld™. For more than 40 years, our products have earned a loyal and enthusiastic following from the people who take pride in their work. They know our products bond strong to a variety of surfaces in even the toughest environments. And they have always been made in the USA.

How It All Began: A Mom and Pop Operation

The J-B Weld® Company was founded in 1969 by Sam and Mary Bonham. Sam had discovered a need for a "cold weld" product to use in his truck service garage, instead of traditional torch welding. Working with a Texas A&M chemist, he formulated an original "tougher than steel" two-part epoxy and named it J-B Weld™. Sam and Mary soon went from selling the product out of their car to auto parts jobbers across Texas, to selling it in stores throughout the U.S. and internationally.

Our goal of helping customers save their items and their money, can be found in the original company motto:

"DON'T SCRAP IT; J-B WELD™ IT"

J-B Weld® Today: Building on a Strong Brand

The latest chapter of the J-B Weld® story began in 2008, when the company was purchased by a group of private investors led by Chip Hanson, who now serves as CEO and president. In just a few years' time, we have broadened the product line to meet the changing needs of our customers, including new adhesives for metal, wood, plastic, and general purpose use. With each new product we innovate—whether epoxy putty sticks, syringe-based epoxy adhesives, threadlockers, or speciality products—we continue to provide the world's strongest bond for your repair projects. We have also expanded our retail partnerships to reach even more customers.

Today, you can conveniently find J-B Weld® products in some of the world's largest automotive, hardware, home improvement, and big-box stores nationwide.

(WD-40 is a registered trademark of the WD-40 Company.)

Know Your Bond

Not All Adhesive Bonds Are the Same

Have you ever thought about how an adhesive works? Or why you should choose one type over another? So often, it's easiest just to grab that bottle of glue from your kitchen drawer and hope it will fix whatever needs repair. But once you know the differences, you'll say: Why glue it, when you can J-B Weld™ it.

We've created a simple chart to help you compare the different adhesive bonding systems out there. You'll quickly see how the strength of our J-B Weld™ two-part epoxy products makes them stand apart from all the rest.

Nothing Performs Better Than J-B Weld™ Epoxies

J-B Weld™, known as "The Original Cold Weld," was developed as an alternative to traditional torch welding. It's designed to be extremely effective in even the harshest environments. Because it's a two-component (or 2k) epoxy system, it uses reactive chemistry to create the strongest bond possible. Think of it as having a cross-woven pattern that provides extra strength, much like rebar does to reinforce cement structures. And once it sets, it's tougher than steel. All of our epoxy products are based on this same chemistry, making them the best choice for any project you need to tackle. Plus they're extremely easy to use, whether you choose the original twin tubes, the putty sticks, or the syringes.

Follow Best Practices for the Best Results

Every adhesive project requires good preparation to be successful. You can ensure J-B Weld™ will perform to its maximum when you prepare and use it according to the package instructions. You'll also want to prep the area to be repaired. For best results, use a detergent or degreaser to first clean the surface. Then roughen it with a file or coarse sandpaper. This will help create a successful and long-lasting bond.

Suggested Application Guide

METAL



JB Weld Original
High Heat
Steel Stik
Clear Weld
Kwik Weld
Minute Weld

PLASTIC/PVC



Plastic Weld
Plastic Bonder
Clear Weld
JB Weld Original
Minute Weld

WOOD



Wood Weld
Kwik Wood
Minute Weld

HIGH HEAT



Steel Stik
High Heat
JB Weld Original

CERAMIC



JB Weld Original
Kwik Weld
Clear Weld
Minute Weld

FIBRE GLASS



MarineWeld
WaterWeld
Plastic Weld
JB Weld Original
Plastic Bonder

BRICK



JB Weld Original
Clear Weld
Kwik Weld

CONCRETE



JB Weld Original
Clear Weld
Kwik Weld

THREAD LOCKER



Perma-Lock Medium
Perma-Lock High
Perma-Lock Penetrating

WET/SUBMERGED



WaterWeld

GLASS



ClearWeld
Minute Weld

RUBBER



Plastic Weld
Clear Weld
Kwik Weld
Plastic Bonder

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2 Part Epoxy Adhesives

Regular Size Packs



J-B Weld™ is The Original Cold Weld two-part epoxy system that provides strong, lasting repairs to metal and multiple surfaces. Mixed at a ratio of 1:1, it forms a permanent bond and can be shaped, tapped, filed, sanded and drilled after curing. At room temperature, J-B Weld™ sets in 20-25 minutes to a dark grey colour. A full cure is reached in 15-24 hours. J-B Weld™ has a tensile strength of 3960 PSI and sets to a hard bond overnight. It can withstand temperatures up to 287°C when fully cured.

(Part # 8265-S) - 56.8g



KwikWeld™ is a fast setting version of The Original J-B Weld™ two-part epoxy cold weld system that provides strong, lasting repairs to metal and multiple other surface types. After mixing, it forms a permanent bond and can be shaped, tapped, filed, sanded and drilled after curing. J-B KwikWeld™ has a 1:1 mixing ratio, sets in 6 minutes and is fully cured in 4-6 hours. J-B KwikWeld™ cures to a dark grey colour, is rated at a tensile strength of 2424 PSI and will withstand temperatures up to 148°C.

(Part # 8276) - 56.8g



WoodWeld™ is a fast setting two-part epoxy system formulated for wood bonding and repairs. When fully cured it can be shaped, tapped, filed, sanded and drilled. It provides a lasting permanent bond that is stronger than the wood! J-B WoodWeld™ has a 1:1 mixing ratio, sets in 6 minutes and cures in 1-3 hours. Rated at a tensile strength of 1800 PSI, J-B WoodWeld™ cures to a light tan colour.

(Part # 8251) - 56.8g



MarineWeld™ is a specially formulated two-part epoxy cold weld system that provides for strong, lasting repairs for bonding different or similar surfaces, such as aluminium, metal, composites, fibreglass and others. MarineWeld™ sets in 20-25 minutes at room temperature and is fully cured to a dark grey colour in 15-24 hours. Once cured, it can be shaped, tapped, filed, sanded and drilled and will retain its strength above or below the waters' surface. MarineWeld™ has a 1:1 mixing ratio and tensile strength of 3960 PSI.

(Part # 8272) - 56.8g

2 Part Epoxy Adhesives

Professional Size Packs

J-B Weld™ Professional is a professional-sized version of our The Original Cold Weld two-part epoxy system. It provides strong, lasting repairs to metal and multiple surfaces. Mixed at a ratio of 1:1, it forms a permanent bond and can be shaped, tapped, filed, sanded and drilled after curing. At room temperature, J-B Weld™ sets in 20-25 minutes to a dark grey colour. A full cure is reached in 15-24 hours. J-B Weld™ has a tensile strength of 3960 PSI and sets to a hard bond overnight. It can withstand temperatures up to 287°C when fully cured.

(Part # 8280) - 283.6g

J-B KwikWeld™ Professional is a professional-sized version of our fast setting KwikWeld™ two-part epoxy cold weld system. It provides strong, lasting repairs to metal and multiple other surface types. After mixing, it forms a permanent bond and can be shaped, tapped, filed, sanded and drilled after curing. J-B KwikWeld™ has a 1:1 mixing ratio, sets in 6 minutes and is fully cured in 4-6 hours. J-B KwikWeld™ cures to a dark grey colour, is rated at a tensile strength of 2424 PSI and will withstand temperatures up to 148°C.

(Part # 8270) - 283.6g

WoodWeld™ Professional is a professional-sized version of our WoodWeld™ . Two-part, epoxy system formulated for wood repairs. Provides a lasting, permanent bond. Can be shaped, tapped, filed, sanded and drilled. Strength 1800 psi, Set time: 6 mins. Cure time: 1 - 3 hours, Cure colour: Light tan

(Part # 8250) - 283.6g



Epoxy Adhesives - Syringe Mixers



ClearWeld™ is a quick setting, multipurpose two part epoxy that provides a strong and lasting bond on most surfaces including tile, most plastics, ceramic, glass, wood and metal. ClearWeld™ is designed to cure with a clear, transparent bond when used at thicknesses of less than 15 mil. ClearWeld™ has a 1:1 mixing ratio, sets in 5 minutes and will fully cure overnight. With a tensile strength of 3200 PSI, ClearWeld™ sets to a hard, permanent bond.

(Part # 50112)



J-B Weld™ is The Original Cold Weld two-part epoxy system that provides strong, lasting repairs to metal and multiple surfaces. Mixed at a ratio of 1:1, it forms a permanent bond and can be shaped, tapped, filed, sanded and drilled after curing. At room temperature, J-B Weld™ sets in 20-25 minutes to a dark grey colour. A full cure is reached in 15-24 hours. J-B Weld™ has a tensile strength of 3960 PSI and sets to a hard bond overnight. It can withstand temperatures up to 287°C when fully cured.

(Part # 50165)



KwikWeld™ is a fast setting version of The Original J-B Weld™ two-part epoxy cold weld system that provides strong, lasting repairs to metal and multiple other surface types. After mixing, it forms a permanent bond and can be shaped, tapped, filed, sanded and drilled after curing. J-B KwikWeld™ has a 1:1 mixing ratio, sets in 6 minutes and is fully cured in 4-6 hours. J-B KwikWeld™ cures to a dark grey colour, is rated at a tensile strength of 2424 PSI and will withstand temperatures up to 148°C.

(Part # 50176)



MinuteWeld™ is a Multi-purpose two-part epoxy cold weld system that provides strong, lasting repairs to Tiles, most plastics, ceramic, glass and more. J-B MinuteWeld™ has a 1:1 mixing ratio, sets in 1 minutes and cures in 1 hours. J-B MinuteWeld™ dries clear, is rated at a tensile strength of 2850 PSI.

(Part # 50101)

Epoxy Adhesives - Syringe Mixers

WoodWeld™ is a multipurpose two part epoxy that provides a strong and lasting bond for indoor and outdoor wood furniture, doors, windows, trims/ moulds and decks. WoodWeld™ has a 1:1 mixing ratio, sets in 6 minutes and will fully cure 1 - 3 hours. It won't shrink or foam and cures to a light tan colour. Bonds stronger than wood and does not need clamping.

(Part # 50151)

MarineWeld™ is a Chemical and Petroleum resistant two-part adhesive and epoxy filler system that provides for strong, lasting repairs. MarineWeld™ designed to be used on boats, personal watercraft, decks, hulls and accessories. MarineWeld™ sets in 20 minutes and is fully cured in 15-20 hours. Using a 1:1 mixing ratio, MarineWeld™ combines to a tensile strength of 3960 PSI and dries to a white colour.

(Part # 50172)

PlasticWeld™ is a specially formulated two-part adhesive and epoxy filler system that provides for strong, lasting repairs. PlasticWeld™ will bond a variety of surfaces, such as metal, composites, fibreglass and others. PlasticWeld™ sets in 5 minutes at room temperature and is fully cured in 1 hour. Using a 1:1 mixing ratio, PlasticWeld™ combines to a tensile strength of 3200 PSI and cures to an off-white colour.

(Part # 50132)

Plastic Bonder™ is a quick-setting, two-part, urethane adhesive system that provides strong and lasting repairs and works on thermoset, carbon fibre composites, thermoplastics, coated metals, concrete & more. Plastic Bonder™ has a 1:1 mixing ratio, sets in 15 minutes and can be sanded after 30 minutes. With a tensile strength of 3770 PSI, Plastic Bonder™ sets to a tan colour and cures to a hard, permanent bond.

(Part # 50133)



Epoxy Putty Sticks



SteelStik™ is a hand mixable, steel-reinforced, non-rusting epoxy putty that quickly repairs or rebuilds anything made of metal. After mixing, it forms an industrial-strength polymer compound that can be moulded into shapes or used to build up, patch and repair steel components. SteelStik™ sets in 3-5 minutes and after 60 minutes, can be drilled, tapped, machined, ground, filed and painted. SteelStik™ cures to a dark grey colour, is rated at a tensile strength of 900 PSI and will withstand temperatures up to 148°C.

(Part # 8267)



WaterWeld™ will plug or seal leaks and patch holes and cracks in almost anything. Ideal for repairing plumbing, fuel tanks, tub and shower, drains, pool and spa, boats and potable water tanks; setup occurs even under water. After curing, it can be drilled, tapped, filed, sanded and painted. WaterWeld™ has a set time of 15-25 minutes and sets hard in one hour. WaterWeld™ cures to an off-white colour, is rated at a tensile strength of 900 PSI and will withstand temperatures up to 148°C.

(Part # 8277)



PlasticWeld™ is a hand mixable, fast-setting epoxy putty that forms a durable bond to most major plastic types. *After mixing, it forms a polymer compound that can be moulded or used to build up and repair just about anything made from plastic. When cured, it can be sawed, drilled, carved, sanded and painted. PlasticWeld™ has a 20-25 minute work life; functional cure occurs in 2-3 hours. PlasticWeld™ cures to an off-white colour, is rated at a tensile strength of 350 PSI. Does not adhere to polyethylene, polypropylene or some other plastics. Test for adhesion first.

(Part # 8237)



KwikWood™ is a hand mixable epoxy putty, formulated to repair and rebuild wood. After mixing, it cures to the same density as wood and becomes an integral part of the repair. For use on exterior or interior applications, it contains no solvents, will not rot, shrink, crack or pull away. KwikWood™ has a 15-25 minute work life. After 60 minutes, it can be machined, drilled, tapped, sanded, filed and painted. Stronger than wood, KwikWood™ dries to a light tan colour.

(Part # 8257) -



HighHeat™ is a hand mixable epoxy putty stick specifically formulated to bond and repair materials that will be exposed to high temperatures in automotive and industrial maintenance applications. It cures to a tough, hard bond with little to no shrinkage. This industrial-strength product outperforms conventional epoxy putties at high temperatures and sets in 1 hour at room temperature. After 8 hours, it can be drilled, tapped, machined, ground, filed and painted. HighHeat™ is rated at a tensile strength of 800 PSI and cures to a machine grey in colour. It is able to withstand continuous heat exposure of 204°C and intermittent heat exposure to 287°C

(Part # 8297)

Speciality Automotive Products

Perm-O-Seal™ is a specially formulated non-toxic compound ground to a very fine particle size to quickly mix and flow into all areas of the cooling system to find and seal leaks. The powered concentrate allows for an economical repair as compared to liquid based alternatives that use similar technology. The special compound will quickly seal leaks and will also act as a rust inhibitor and lubricant to internal cooling system parts. It will not clog or harm your cooling system.

(Part # DS-114)

AutoWeld™ is a hand mixable, steel-reinforced, non-rusting epoxy stick that quickly repairs anything made of metal. Suitable for fuel tanks, radiators, lawn and garden equipment and water tanks. AutoWeld™ sets in 5 minutes and cures in 1 hour. AutoWeld™ cures to a dark grey colour, is rated at a tensile strength of 900 PSI.

(Part # 8217)

Water Pump & Thermostat Housing Silicone

All the features of Ultimate Grey Silicone in a smaller, single use pack.

Oxime RTV 100% Silicone

Gasket Maker and Sealant

High Torque Load Applications

Import Cars (Honda, Toyota, Nissan etc.)

Maximum Oil Resistance

Set time 1 hour, Temperature Resistant up to 260°C

Intake Manifolds, Oil Pans and Timing Gear Covers

Transmission Pans and Cam Covers

Low Odour, Non Corrosive and Sensor Safe

(Part # 32507) - 14g

Super Glue

SuperWeld™ is a specially formulated cyanoacrylate Super Glue that provides a strong, instant bond in just seconds. It works on multiple and hard to bond surfaces. The brush applicator allows even and pin point surface application. No drip, no mess.

(Part # 33106)



Sensor Safe ✓



Silicone Gasket Makers & Adhesives



Ultimate Grey Silicone

Oxime RTV 100% Silicone
Gasket Maker and Sealant
High Torque Load Applications
Import Cars (Honda, Toyota, Nissan etc.)
Maximum Oil Resistance
Set time 1 hour
Temperature Resistant up to 260°C
Intake Manifolds
Low Odour, Non Corrosive and Sensor Safe
Oil Pans and Timing Gear Covers
Transmission Pans and Cam Covers

Sensor Safe ✓

(Part # 32327) - 85g



Ultimate Black Silicone

Oxime RTV 100% Silicone
Maximum Oil Resistance
Set time 1 hour
Temperature Resistant up to 260°C
Low Odour and Sensor Safe
Oil Pans and Valve Covers
Transmission Pans
Timing Gear Covers

(Part # 32329) - 85g
(Part # 32509) - 14g

Sensor Safe ✓



Blue Silicone

RTV all purpose technology
Set time 1 hour
Sensor Safe
Gasket Maker and Sealant
Auto and Household
Timing Gear Covers
Transmission & Oil Pans

(Part # 31316) - 85g

Sensor Safe ✓



Hi Temp Red Silicone

RTV all purpose technology
Set time 1 hour
Sensor Safe
Temp. Resistant up to 343°C
Gasket Maker and Sealant
Oil Pans and Valve Covers
Exhaust Manifolds and Water Pumps
Timing and Differential Covers

(Part # 31314) - 85g

Sensor Safe ✓



Clear Silicone

Sealant & Adhesive
RTV all purpose technology
Set time 1 hour
Fully cured 24 hours
Waterproof
All purpose (auto, household)

(Part # 31310) - 85g



Black Silicone

RTV all purpose technology
Set time 1 hour
Fully cured 24 hours
Mold and Mildew Resistant
Auto and Household
Bonding and Sealing
Weather Stripping, Mouldings

(Part # 31319) - 85g



White Silicone

RTV 100% Silicone
Waterproof Sealant & Adhesive
Set time 1 hour
Mold and Mildew Resistant
Tub & Shower
Sinks & Bathroom Fixtures
Windows, Interior Trim, Door Frames
Mouldings and Lens Housing

(Part # 31312) - 85g



Ultimate Copper Silicone

Advanced high temperature RTV sealant adhesive. Designed for high operating temperatures. Three times more oil resistant.

(Part # 32325) - 85g

Sensor Safe ✓

Silicone Gasket Makers & Adhesives

Cartridges



- | | | | |
|--------------------------------|------------------------|---------------------------------|------------------------|
| Ultimate Grey Silicone | (Part # 32927) - 280ml | Clear Silicone | (Part # 31910) - 300ml |
| Ultimate Black Silicone | (Part # 32929) - 280ml | Black Silicone | (Part # 31919) - 300ml |
| Ultimate Blue Silicone | (Part # 32926) - 280ml | White Silicone | (Part # 31912) - 300ml |
| Hi Temp Red Silicone | (Part # 31914) - 300ml | Ultimate Copper Silicone | (Part # 32925) - 280ml |

Thread Lockers

J-B Weld® Thread lockers provide a reliable and superior lock and seal for threaded fasteners. Ideal on all mechanical parts, body assemblies, and hundreds of other applications to prevent loosening of fasteners from shock and vibration. Suitable for applications such as : Rocker Arms, Stud Bolts, Frame Bolts, Fasteners and Bushings, Loose Screws, Vibration Sensitive Items.

J-B Weld® Perma-Lock™ Low Viscosity, Penetrating Threadlocker

is ideal for application after assembly. Low viscosity allows threadlocker to penetrate between parts surfaces.

Comes in
6ml (Part # 29006)

J-B Weld® Perma-Lock™ Medium Strength Threadlocker

is ideal for fastener applications requiring easy disassembly with hand tools.

Comes in
6ml (Part # 24206)
13ml (Part # 24213)
36ml (Part # 24236)

J-B Weld® Perma-Lock™ High Strength Threadlocker

is ideal for heavy-duty applications requiring resistance to severe shock and vibrations. Heating and hand tools are required to separate parts.

Comes in:
6ml (Part # 27106)
13ml (Part # 27113)
36ml (Part # 27136)



Merchandisers

20 Piece Counter Display

Part No.: 8267G-D20

Clear plastic counter top dispenser, filled with 20 tubes of SteelStik™ (Part No.: 8267)

Approx Size: 115(W) x 140(D) x 270(H)

Refill: **8267D-R1-10** (Qty of 10)



Merchandisers



24 Piece Set

Part No.: 8202

- 6 x JB8265-S JB Weld, 56.8g
 - 6 x JB8276-C JB KwikWeld, 56.8g
 - 6 x 50112 Clear Weld - 5 min. Clear Epoxy, 25ml
 - 6 x JB8267-S Steel Stik Epoxy Putty Stick, 56.8g
- Includes merchandiser box and product hooks.



48 Piece Set

Part No.: 8149-D

- 12x JB8265-S JB Weld, 56.8g
 - 12 x JB8276-C JB KwikWeld, 56.8g
 - 6 x JB8277-S Water Weld Epoxy Putty Stick, 56.8g
 - 6 x 50112 Clear Weld - 5 min. Clear Epoxy, 25ml
 - 6 x JB8267-S Steel Stik Epoxy Putty Stick, 56.8g
 - 6 x 50133 Plastic Bonder, 25ml
- Includes merchandiser box and product hooks.

F.A.Q's

Q: How much heat can J-B Weld™ withstand?

A: Original J-B Weld™ can withstand a constant temperature of 260°C. The maximum temperature threshold is approximately 315°C for a short term (10 minutes). Refer to individual product packages for more temperature information.

Q: Will J-B Weld™ work on an automotive exhaust?

A: Because of the extreme temperatures of exhaust systems, we do not recommend J-B Weld™ for use on exhaust manifolds and catalytic converters. Nor do we recommend the product for repairs within the combustion chamber. However, in areas where the continuous temperature is less than 232°C, we do recommend our HighHeat™ epoxy putty stick.

Q: How can I remove J-B Weld™ after it is fully cured?

A: When fully cured, J-B Weld™ can only be removed by grinding or filing it off, or by directly heating the product above the 315°C maximum temperature threshold.

Q: Is J-B Weld™ toxic?

A: No. When fully cured, J-B Weld™ is non-toxic. However, we do not recommend consuming the product.

Q: What can I use as a surface cleaner before using J-B Weld™?

A: We recommend using acetone or lacquer thinner. In the absence of these two, soap and water can be used. Just be sure that the surface is completely dry before applying J-B Weld™. DO NOT use alcohol or any "cleaner" that will leave a petroleum residue.

Q: Is J-B Weld™ resistant to water and/or gasoline?

A: When fully cured, J-B Weld™ is completely resistant to water, gasoline, and about every other petroleum product or automotive chemical. For wet-surface or submerged water or gasoline repairs, try our SteelStik™ or WaterWeld™.

Q: Will J-B Weld™ hold up to extremely cold temperatures?

Original J-B Weld™ has proven to maintain its characteristics to temperatures as low as -55°C.

F.A.Q's

Q: Will J-B Weld™ conduct electricity?

A: No. J-B Weld™ is not considered to be a conductor. It is an insulator.

Q: What is the difference between J-B Weld™ and KwikWeld™?

A: KwikWeld™ is a great alternative to original J-B Weld™ when you need a quick-setting epoxy. It sets in 6 minutes and cures in 4-6 hours, while J-B Weld™ sets in 4-6 hours and cures in 15-24 hours. Because it is faster setting, KwikWeld™ has about two-thirds the strength of J-B Weld™; however, they are both strong enough for most projects and repairs.

Q: Is there anything that J-B Weld™ WON'T bond to?

A: J-B Weld™ will not adhere or bond well to:

- Any flexible rubber surface
 - Leather
 - Vinyl
 - Canvas
 - Polypropylene plastic
 - Polyethylene plastic
-

Q: Can I thin J-B Weld™ to make it easier to pour?

A: Yes. Add up to one teaspoon of acetone or lacquer thinner per two ounces (one full package) of mixed product.

Q: Is J-B Weld™ microwave safe?

A: Yes, it is microwave safe.



★ **THE WORLD'S STRONGEST BOND™** ★



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