

Gun Bluing

WHY GUN BLUING?

No other activity or line of work in a gun shop or sporting goods store teaches the mechanics of a gun better than bluing. To reblue a gun, you have to completely dismantle it piece-by-piece, and each of the hundreds of varieties of guns has its own peculiarities. After you have handled so many guns, the whole theory of a gun's mechanical operation becomes ingrained in your mind, never to be lost. Further, continued handling of the more popular guns soon leads the gunsmith to know, almost automatically and without looking, which parts are worn and need to be replaced.

There is also a money-making feature—not only is bluing fairly profitable, but it also gives the dealer or gunsmith an opportunity to become better acquainted with his shooting customers. Nothing pleases a gunnut more than a gunsmith making his favorite gun look like new. As a result, he is inclined to return to the gunsmith who worked such miracles—for bluing does seem to be magic for the uninitiated. So as sights and scopes, slings and gun cases are needed, the sportsman not only buys from the man who did up his gun, he brings his friends along, too.

The original cost of setting up a bluing shop is not great, nor is it necessary to buy a lot of stuff. Bluing tanks, burners, some bluing salts, cleaner, polish, some wheels—and you're in business. From then on buy as you need. Don't buy unless you do need.

So far as bluing salts are concerned, we make no claim that our salts are superior to anyone else's. We do have Bureau of Standards reports that prove some salts claimed to be as good as ours simply aren't. But let us not kid anybody: there are lots of other bluing salts on the market about as good as ours. We feel we are selling bluing salts to gunsmiths who know their business, to sporting goods dealers and shooters who are past the "sucker" stage. Why should we insult their minds with a bunch of hooey?

The proof of any pudding is in the eating. We guarantee you to be satisfied on a money-back basis. What more should be said?

So, on to business. The quality of a good blue job depends entirely on the gunsmith doing the bluing, not on the salts. If you have a gunsmith who will do a masterful piece of polishing, with all surfaces true and bright, corners sharp, without funneled screw holes or ground-off screw heads—if he is careful to clean the gun properly before bluing—if he will follow the instructions that go with anybody's salts—well, he'll get bluing jobs that are out of this world.

Because of our constant association with many thousands of gunnuts, gunsmiths, gun dealers, and manufacturers in the bluing business, we feel we can give you the service you deserve. If we can't after all these years, better we should go to selling raincoats and straw hats!

Bluing can be fun and profitable—full-time or part-time. Shooters are always looking for gunsmiths who will give them honest work.

BROWNELLS "FIRST STEP" BLUING KIT



A Great Beginning ...

When you're ready to start hot bluing guns with Oxynate No. 7™, but not ready to "really" get the whole kit and kaboodle that comes in our Bluing System Kit, this is the Kit for you.

This "First Step" Kit gives you enough equipment and supplies to "begin from", at a price that you can afford to "begin with". Every item was chosen to give you the basics, with the understanding that you would not get all the handy accessories, have to scrounge up some things at your end, and have to make your own tank stands. But, you would get the minimum number of tanks, the Oxynate No. 7 Bluing Salts and other chemicals, plus all the safety gear that you absolutely must have to get started. And, our exclusive - and absolutely unique - step-by-step Bluing Instruction Book; 34 pages of the finest bluing information available in the entire industry, worked out over years and years of experience with hot bluing, and the mainstay of thousands of gunshops' bluing success.

If you still have trouble, our full-time Tech Support Staff can help you out plus, there's our uncompromising guarantee: You will be satisfied - period.

A brief listing of the products included in the Kit follows. You'll find full descriptions in the next few pages. Save money and time when you buy the "First Step" Kit.

KIT INCLUDES

OXYNATE NO. 7 - (1) 40 lb. pail.

909™ CLEANER - (1) 8 lb. box of Dicro-Clean No. 909 caustic granules OR (1) gallon of non-hazardous NH-909 liquid.

BLACK IRON TANKS - (2) Won't contaminate bath. For Cleaning Solution/Hot Water Rinse, and Bluing Solution.

FIBERGLASS TANK - (1) Tough, rigid, gel-coated, fiberglass tank used for Cold Water Rinse.

BLUING TANK PIPE BURNER - (1) Provides correct heat for the Bluing Solution. Both Natural and Propane Gas orifices.

HOT WATER TANK PIPE BURNER - (1) Smaller size for Cleaner/Rinse Tank saves gas. Natural and Propane Gas orifices.

THERMOMETER - (1).

BROWNELLS BLUING INSTRUCTIONS - Explicit, concise, covering every phase of bluing. Including Trouble-Shooting.

WATER DISPLACING OIL - (1) Gallon.

BLUING PARTS BASKET - (1).

BLACK IRON SCREEN WIRE - (1) Sheet.

BLACK IRON WIRE - (1) Roll.

STAINLESS STEEL DIPPER - (1).

TCE DEGREASER - (1) Quart.

FULL FACE SAFETY SHIELD - (1) Helps keep chemical splashes out of face and eyes. ALWAYS wear when bluing.

B-360 RUBBER GLOVES - (1) Pair, size 11.

NEOPRENE SHOP APRON - (1).

3M DISPOSABLE FILTER MASKS - (1) Pak of 10.

#082-000-006 "First Step" Bluing Kit with Dicro-Clean, 8K00BSF \$ 1139.99

#082-005-009 "First Step" Bluing Kit, with NH 909, 8K00JLQ 1262.99

Note: Requires additional Hazardous Materials surcharge.

BROWNELLS ROLL-AROUND BLUING SYSTEM



Unhooks
Gunsmiths From
The Gas-Pipe
Leash

Compact, portable bluing system lets the pistolsmith, knife-maker, and small parts fabricator choose the most convenient place to do bluing. A perfect way to give your customers the traditional deep blue-black color that comes only from hot salts bluing, without having to dedicate a separate room to bluing. Roll the system out to blue, then roll it out of the way when you're done.

Comes complete with mobile bluing cart, tanks, burners, the necessary chemicals and Brownells clear, concise bluing instructions to walk you through the process. Just add an ordinary gas grill propane tank, a garden hose for the flowing water rinse, and a drain or runoff area. The rugged, welded steel cart moves easily on heavy-duty, locking casters and carries three, 20" x 6" x 6" mild steel tanks. The bottom shelf has an opening to hold the propane tank and extra room to store supplies, or locate the fourth tank for water displacing oil - safely away from the heat source. Braided, stainless steel, flex lines provide easy hookup to propane tank.

SYSTEM INCLUDES:

MOBILE BLUING CART - (1) Includes easy-to-follow assembly instructions.

BLACK IRON BLUING TANKS - (3) For cleaning solution/hot water rinse, bluing solution, and water displacing oil.

BLACK IRON RINSE TANK - (1) Dedicated tank includes built-in hose connector for easy attachment to a garden hose.

PIPE BURNER - (2) Complete with brass shutoff valves. Provides correct heat for the bluing solution and hot water tank.

BRAIDED STAINLESS STEEL GAS LINE - 16" long.

OXYNATE® NO. 7 - (1) 40 lb. pail.

909™ CLEANER - (1) 8 lb. container of Dicro-Clean No. 909™ caustic granules OR (1) gallon (128 fl. oz.) of non-hazardous NH-909™ liquid.

BLUING SOLUTION CLEANER - (1) Pint. Removes depleted salts and contaminants from the bluing solution.

STOP CREEP™ - (1) Bar. Helps prevent cooled bluing solution from "climbing" over the edge of the tank.

THERMOMETER - (2). Made to our specifications to work right. Use with the bluing solution and cleaner tank.

BROWNELLS BLUING INSTRUCTIONS - Explicit, concise, covering every phase of bluing, including trouble-shooting.

WATER DISPLACING OIL - (1) Gallon.

BLUING PARTS BASKET - (1).

SMALL PARTS BASKET - (1).

BLACK IRON SCREEN WIRE - (1) Sheet.

BLACK IRON WIRE - (1) Pak of 3 Rolls.

STAINLESS STEEL DIPPER - (1).

BROWNELLS

DICROPAN IM® ONE-TANK KIT



Non-Caustic, Hot Water Bluing Systems To Help You Begin Or Expand Your Bluing Business

Our One-Tank Kit is perfect for the shop with an existing bluing setup, or the beginner with some ingenuity and a tight budget. All the chemicals are here, and we add a tank, some safety gear, and our detailed instructions. You supply the heat source and a stand for the tank, plus a few other odds and ends. Even better, the price shown represents a savings of more than 15% over purchasing the items individually.

SPECS: Kit contents - One 32 fl. oz. (946 ml) bottle of Dicropan IM, 8 lb. (3.6 kg) container of Dicro-Clean No. 909™ caustic granules (requires a hazardous shipping fee) OR 1 gallon (128 fl. oz./3.8L) of non-hazardous NH-909™ (eliminates ONE of the hazardous shipping fees), black iron tank, thermometer, two 32 fl. oz. (946 ml) cans of water displacing oil, 14-1/2" x 5-1/2" x 3" parts bluing basket, stainless steel screen wire, roll of black iron wire, 100 ct. gunsmith cleaning pads, #1 steel wool, 32 fl. oz. container of TCE Degreaser, 1 gallon (128 fl. oz./3.8 L) hydrochloric acid, pair of size 11 rubber gloves, neoprene shop apron, full-face safety shield, and complete instructions.

#082-905-105 IM "One-Tank" Kit w/Dicro-Clean 909, 8K00DKL \$ 403.99

#082-905-106 IM "One-Tank" Kit w/NH-909, 2H344F86 404.99

*Note: Requires additional Hazardous Materials surcharge. Cannot ship outside Continental United States.

RINSE TANK BRUSH - (1).

TCE CLEANER/DEGREASER - (1) Quart.

FULL FACE SAFETY SHIELD - (1) ALWAYS wear when bluing.

B-360 RUBBER GLOVES - (1) Pair, size 11.

NEOPRENE SHOP APRON - (1).

3M DISPOSABLE FILTER MASKS - (1) Pak of 10.

GUNSMITH'S DATA BINDER - (1) Organizes and protects instructions and other gunsmith reference materials.

DATA SHEET PROTECTORS - (100) Polypropylene sleeves fit binder above.

SPECS: Cart - Steel, black finish. 33 3/4" long, 25" (63.5cm) wide, 37 1/2" (95.9cm) high. Tanks - Black iron, natural finish. 20" (50.8cm) long, 6" (15.2cm) wide, 6" high. Gas Line: Braided stainless steel w/brass fittings. 16" (40.6cm) long. Overall Dimensions - 33 1/2" (85.7cm) long, 31 1/2" (80cm) wide, 49 1/2" (126.2cm) high. Weight - 180 lb. (81.6 kg).

#082-900-008 Roll-Around Bluing System, w/Dicro-Clean 909, 8K00NCJ \$ 1989.99

#082-900-009 Roll-Around Bluing System w/Non-Hazardous NH-909, 8K00AVP 1739.99

Note: Requires additional Hazardous Materials surcharge.

Orders: 800-741-0015

order on the web
brownells.com

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BROWNELLS BLUING SYSTEM KIT



41-Piece Kit Gives You Everything You Need To Start Bluing NOW!

- Tanks •
- Stands •
- Burners •
- Chemicals •
- Safety Gear •
- Accessories •

And ... The Best Instructions In The Industry!

"What Do I Need To Start Hot Salts Bluing Of Guns?" Having answered this question literally thousands of times over the past many decades, we've put everything you need in this one complete KIT. **EVERYTHING!** All the basics - Tanks, Stands, Burners, Cleaners, Salts and Oil that the "other guys" sell - PLUS everything else you need to start bluing guns. Solvents, tank covers, personal safety gear, extra additives and lots more. All for just a few dollars more than those "bare bones" kits.

Plus, we include our step-by-step Bluing Instruction Book. 34 pages of the best bluing information available in the Firearms Industry...perfected over the years, helping literally thousands of gunsmiths. They teach you how to blue, and if you have a problem, they explain how to cure it. Unlike others, we back our process with our industry-exclusive, full-time Tech Support Staff of "hands-on" experienced gunsmiths who can help you solve any bluing problem. At Brownells, we're committed to giving you, the working gunsmith, the finest possible service.

We know you'll find Bluing a rewarding, profitable addition to your shop. Compare our KIT to anybody else's...it is the best buy on the market. So, save yourself time and money trying to make a basic "bare bones" package into a working bluing shop. Order our Bluing System Kit and put that time to work making money bluing guns.

Listed below are all the items in the KIT with a brief description of each. Check and compare this value, to any other kit on the market. And remember, we've got the best Instructions; the ONLY, full-time Tech Support Staff; nearly 80 years of experience and it's... Guaranteed. Forever.

KIT INCLUDES:

OXYNATE No. 7™ - The finest, most reliable Bluing Salts available. Provides a deep, blue-black color on most gun steels (except stainless). Proven in small shops for over 50 years and used by top firearms manufacturers. (2) 40 lb. pails supplied.

CLEANER - Use in a heated soak tank to remove the dirt and grime from gun steel that can ruin a bluing job. You can order the kit with (1) 24 lb. box of **DicroClean No. 909™** caustic granules OR (1) gallon of non-hazardous **NH-909** liquid (both work very well).

BLACK IRON TANKS - Won't contaminate your bath. For Cleaning Solution, Cold Water Rinse, Bluing Solution, Hot Water Rinse and Water Displacing Oil. (5) supplied.

BLUING TANK BURNER - Sized to provide correct heat for the Bluing Solution. Orifices included for both Natural and Propane Gas. (1) supplied.

HOT WATER TANK BURNER - As Cleaner and Hot Water Rinse Tanks require less heat, these smaller burners save fuel. Orifices included for Natural and Propane Gas. (2) supplied.

TANK STANDS - Interlock at sides or ends so you can design the layout to fit your shop. (Water Displacing Oil must be located away from rest of Bluing operation). (4) supplied.

THERMOMETERS - Proper temperature control is required for successful Bluing and these are made to our specs to work right. (2) supplied - for Bluing Solution and Cleaner Tanks.

BROWNELLS BLUING INSTRUCTIONS - Continuously updated 34 page book of explicit instructions on every phase of bluing. Includes Polishing, Hot Bluing, Cold Bluing and Exhaustive Trouble-Shooting Charts on the Bluing Process.

WATER DISPLACING OIL - After Bluing and Rinsing, this specially formulated oil seeks out and displaces any remaining molecules of water with molecules of oil. Gives complete protection on all surfaces. (3) Gallons supplied.

TANK COVERS - Keeps unwanted crud out, reduces evaporation in Bluing Solution and Water Displacing Oil Tank during storage. Rubber gasket. (2) Supplied.

BLUING PARTS BASKET - Holds pistol frames, rifle actions and many other parts in the various tanks. (2) Supplied.

SMALL PARTS BASKET - Use alone or inside the Bluing Parts Basket. Holds all but the smallest parts. (1) Supplied.

BLACK IRON SCREEN WIRE - Cut and fold into little baskets for pins and screws. (1) Sheet supplied.

BLACK IRON WIRE - A great help in hanging barreled actions, parts baskets and more in the tanks. 1 pkg. of 3 rolls supplied.

STAINLESS STEEL DIPPER - Used to add water to the Bluing Solution during operation. (1) Supplied.

RINSE TANK BRUSH - Wood handle, natural bristles to make sure cleaner residue is off parts. (1) Supplied.

BLUING SOLUTION CLEANER - Removes depleted salts and contaminants from the Bluing Solution. (1) Pint supplied.

TCE DEGREASER - A superb degreaser that removes gun oils quickly and easily. (1) Gallon supplied.

STOP CREEP™ - Helps prevent cooled Bluing Solution from "climbing" over the edge of the Tank. (1) Bar supplied.

FULL FACE SAFETY SHIELD - Helps keep caustic splashes out of face and eyes. ALWAYS wear when bluing. (1) Supplied.

B-360 RUBBER GLOVES - Industrial-grade neoprene to protect hands. (1) Pair size 11 supplied.

NEOPRENE SHOP APRON - Keeps those inevitable splashes off clothes - and you. Extra long and wide. (1) Supplied.

3M DISPOSABLE FILTER MASKS - Keeps harmful polishing and chemical dust out of lungs. (1) Pak of 10 supplied.

GUNSMITH'S DATA BINDER - Heavy, solvent/chemical resistant polypropylene, 3-ring binder protects instructions/gunsmith info. (1) Supplied.

SHEET PROTECTORS - Heavy, 4 mil polypropylene sleeves fit Binder above. Separate Bluing Instructions and put each page in one of these. Easily cleaned off. (100) Supplied.

#082-005-007 Brownells Bluing System Kit, with Dicro-Clean 909, 8K00GVA. \$ 2869.99

#082-000-004 Brownells Bluing System Kit, with NH-909, 2H2237D60. 2285.47

WHICH TYPE OF BLUING SHOULD I CHOOSE?

With so many different types of bluing available, attempting to choose the one most appropriate for your needs can be confusing. Each type has its advantages.

Brownells provides four basic types of bluing; Oxynate™ No. 7, hot salts bluing; Dicropan IM™, a hot water blue; Nitre Blue™ Bluing, a heat blue; Dicropan T4™, Oxpho-Blue™ and 44/40™ cold blues.

OXYNATE™ NO. 7

Our Oxynate No. 7 hot salts bluing is the type most commonly used by firearms manufacturers and offered by more fully equipped gunsmith shops than any other. The advantages are: speed of the operation; uniformity of color; the relative simplicity of the process and a very consistent, durable finish on a variety of different types of steels: one that closely matches the original finish on many of the firearms produced commercially within the last 50 years or so. This is very important, for you can provide your customers a finish they are familiar with and find desirable. Also, hot salts bluing is what most folks expect from a professional gunsmith. And, since it is not normally done by a hobbyist or tinkerer, it is the popularly accepted mark of the professional gunsmith.

To do the finest possible job of bluing with Oxynate No. 7, you'll need to set up a separate room to keep the steam and humidity generated away from tools or guns. You'll also need tanks, stands, burners, safety gear and an adequate source of natural gas, propane or electricity.

DICROPAN IM™

Hot water blues, such as our Dicropan IM, are updated versions of the traditional "rust blues" that took days or weeks to apply. Dicropan IM will provide a very attractive blue/black color and an extremely durable, abrasion resistant finish. It is completely safe to use on soft soldered, double barrel shotguns. Applying Dicropan IM is a very simple procedure and can be done with as little as one tank and a heat source to get the water in the tank boiling. While more labor intensive than Oxynate No. 7™ Bluing, Dicropan IM™ Bluing is an excellent choice for the occasional rebuer or the shop specializing in double barrels.

NITRE BLUE™ BLUING

Bluing can also be done by controlled heating of the part and Brownells NitreBlue is an example of this type of bluing. It is a very old process that was used frequently during the 19th century. The salts liquefy when heated to approximately 275° F. to 300° F. The normal "bluing" temperature is around 600° F. NitreBlue™ Bluing requires very little equipment: the salts, a container to heat them in, and a heat source. By varying the amount of time you submerge your workpiece and the temperature of the liquefied salts, you can obtain colors ranging from the straw found on Luger triggers to the very bright blue found on older Colt revolvers. Because of the high temperatures involved, NitreBlue Bluing should be used on small, non-critical components such as butt plates, grip caps and sights, to avoid changing any heat-treating on action parts.

OXPHO-BLUE™, DICROPAN-T4™, & 44/40™

Cold blues, like our Oxpho Blue, Dicropan T4 and 44/40, are ideal for the hobbyist or for the shop that does only a bit of metal finish touch-up from time to time. No special equipment is required other than a solvent to remove all traces of grease or oil and a swab or cleaning patch to apply the cold blue. There is no danger of rust or damage to other equipment from fumes or high humidity. Cold blues can be used quickly and easily, and the process is fast and very simple.

For more information on any of our bluing products, please call and talk with our Technical Support Staff. All are professional gunsmiths and have many years of "hands on" experience with our bluing products. In addition, we have the most complete Bluing Instruction Booklet in the industry... we will be happy to send it free on request.



BROWNELLS OXYNATE® NO. 7 HOT CHEMICAL BLUING COMPOUND

**MEETS Mil Spec C13924BAM1,
Class 1, Grade A**

**Finest Professional,
Gunsmith-Developed, Hot Bluing Salts
Available On The Market Today**

OXYNATE NO. 7 has been the most popular bluing salts for the professional gun trade for many decades. For quantity work (one to a dozen guns a week or month) the cost per gun is extremely low. Oxynate No. 7 is manufactured by one of the country's chief producers of manufacturer's chemicals and sold by us to the gun trade by exclusive license. This is mentioned so that you'll appreciate the vast research laboratories available to our users of Oxynate No. 7 - and that you are using the best gun blue modern science and research can produce.

Our copyrighted Instructions are, we feel, the most complete offered to the trade. Every step, every complication, every question the gun bluer can encounter is detailed in this booklet. The answers and suggestions are not from any one individual but are those of several thousand gun men who have used Oxynate No. 7 successfully for so many years. **SPECS:** 40 lb. (18.1 kg) net weight can or 400 lb. (181.4 kg) net weight drum. Normal mix is 10 lbs. (4.5 kg) per gallon of water. Full instructions included.

#082-007-140 40 lb. Oxynate No. 7, 8K188G99. \$ 209.99

#082-028-400 400 lb. Drum Oxynate No. 7, 8K1151H49. 1249.99

BROWNELLS OXYNATE® NO. 84 HOT CHEMICAL BLUING COMPOUND

**For Rebluing
Stainless Steels & Cast Iron**



A superior formulation for stainless bluing that works on virtually every type of stainless steel we could find. Also does a mighty fine job on cast irons, including Winchester 94s over #2,700,000. Easy to use with our step-by-step instructions, though a little trial-and-error experimentation helps you work out your own tricks for the very best results. Oxynate No. 84 can be your shop's secret formula for giving your customers a traditional look for their up-to-date stainless steel guns! **SPECS:** 40 lb. (18.1 kg) net weight can. Normal mix is 4 lbs. per gallon of water. Uses the same neutralization procedures and chemicals as does Oxynate No. 7.

#082-084-140 40 lb. Can Oxynate 84, 2H131P99. \$ 139.99

**GUARANTEED. FOREVER.®
SINCE 1939**

BROWNELLS NEUTRALIZING KIT FOR OXYNATE® NO. 7 & OXYNATE® NO. 84 BLUING SALTS

Makes Bluing Salts Safe
For Sewer Disposal

This kit, combined with two locally obtainable chemicals, makes Brownells Oxynate No. 7 and Oxynate No. 84 Bluing Salts safe for sanitary sewer disposal. Kit contents (replacement components available separately): 50 pound bag of **Dry Sulfamic Acid**; 100, **0-14 pH Color Test Strips** with color comparison chart for accurate checking of pH level; 100 **Potassium Iodide Starch Test Strips** used to test for any nitrites remaining



in the neutralized solution; one glass **Dropper Bottle** for dispensing 31° Hydrochloric Acid required by the Potassium Iodide Starch Test; and **Brownells Neutralizing Instructions**. The only additional chemicals required are pure household Lye, which can be purchased locally, and 31° Hydrochloric Acid (also known as 18° Baumé Muriatic Acid), available locally or from Brownells (see below).

- #082-073-000 *Neutralizing Kit, 2H199P99 \$ 249.99
- #082-073-050 *Dry Sulfamic Acid, 50 lb. bag, 8K224M99 259.99
- #082-073-001 0-14 pH Color Test Strips, 100-Pak, 8K00JNN 36.99
- #082-073-002 Potassium Iodide Test Strips, 100-Pak, 8K6A99 6.99
- #084-173-002 1 oz. Dropper Bottle, 4H3E99 3.99
- #076-200-166 Neutralizing Oxynate 7 & 84 Inst., 4D00FNN00

*Note: Requires Additional Hazardous Materials Surcharge.
Cannot ship outside Continental U.S. Ships via UPS or FedEx only within U.S.

31° HYDROCHLORIC ACID - Used to verify removal of nitrites as a part of the Potassium Iodide Starch Test. Also referred to as 18° Baumé Muriatic Acid.

- #082-013-032 32 oz. Hydrochloric Acid (HCL), 8K13P25 \$ 14.99

Note: Cannot ship outside Continental U.S. Ships via UPS or FedEx only within U.S.



BROWNELLS BLUING SOLUTION CLEANER EXTEND OXYNATE NO.7™ SOLUTION LIFE

Cleans Out Crud; You Get More Bluing Per Bath

Modern hot bluing solutions (such as Oxynate No. 7) are often replaced before their chemical activity is depleted because of accumulated crud in the tank. This crud includes depleted chemicals which are staying suspended in the bath, airborne dirt particles and the residue from inadequate cleaning/rinsing. Industry uses expensive and complicated filters to remove this crud.

To use our Bluing Solution Cleaner, first add it to the cold bath, stir well as the bath heats, and then skim the bluing bath thoroughly when operating temperature is reached. Your bath will be returned to a clean, trouble-free operation. Plus, the cleaner stays in solution instead of being "used up", so the crud keeps right on coming to the top for easy skim-off. Keeps the bath clean and bluing, and greatly extends solution life...paying for itself many times over.

SPECS: 1 pint (16 fl. oz./473 ml) net contents in plastic bottle.

- #082-002-016 Bluing Solution Cleaner, 5L24P99 \$ 31.99

Orders: 800-741-0015

BROWNELLS NITREBLUE® BLUING SALTS

Gorgeous "Fire Blue" Colors & No-Scale Tempering - A Master Metal Finisher's Secret, Useable In Any Shop

Turn parts and small pieces a deep, rich, lustrous blue with a finish that's tougher and prettier than most of the cold blues. The process is really quite simple: Heat the salts up to 570°F. - 650° F. (They are NOT dissolved in water, they're used straight). Dip the parts in, watch for the color change. Lower temperatures give a "straw" color like the older Luger parts. As an added bonus, the salts can be used for the drawing operation when heat-treating springs and parts.

SPECS: 10 lb. (4.6kg) in plastic, resealable plastic pail. 1 lb. of salts will take up approximately 15 cubic in. (245 cubic cm).

- #082-090-019 10 lbs. NitreBlue Bluing Salts, 5L61Q46 \$ 66.99

*Note: Requires additional Hazardous Materials surcharge.



BROWNELLS DICROPLAN IM®

Professional "Hot Water"
Bluing Method

Blues Doubles Beautifully -
Without Damaging Ribs

Modern Successor To "Belgian Blue"
& An Alternate To Hot Caustic Bluing



A true multi-purpose bluing solution for both the fully-equipped, high-volume, professional shop and the gunsmith who blues only once in a while. The finish is beautiful...a professional blue-black color...sure to please you and your customers. Dicroplan IM is not intended to replace hot salts, but it does provide a safe way to blue traditional double-barreled shot-guns with soft-soldered ribs that can separate in hot salts. And it's great back-up system to use when only one or two guns need to be done and it's not worth heating up the hot tanks. For the smaller shop or individual who wants to blue an occasional gun, Dicroplan IM can become their primary bluing system. The easy process requires minimal equipment and can be done just about anywhere with only a couple of tanks and a heat source. It is slower than dipping the gun in the hot caustic salts for about 20 minutes...but with only 1 or 2 guns to do, who cares!! The Dicroplan IM formula is forgiving and very easy to apply. We've developed an application technique that works reliably and repeatedly and is so foolproof that we highly recommend it to anyone who wants the best, toughest, and longest lasting Hot Water Bluing available. Plus, Dicroplan IM is safe to use. It contains no caustics, no mercury compounds, has no odor and no harmful fumes. It truly gives you an outstanding bluing job every time - as long as you follow the included instructions carefully and completely. And our Tech Support Staff is always available by phone, e-mail, or our website to help you.

SPECS: 32 fl. oz. (946 ml) net contents in plastic bottle.

- #082-008-032 Dicroplan IM, 32 oz., 8K48L99 \$ 58.99

BROWNELLS GAS GRILL TANK BURNER ADAPTER

Use Your Gas Grill Tank For Bluing

Have with regulator adapts gas grill/propane tanks to power Brownells Bluing/Hot Water Tank Burners.

- #082-035-001 Tank Burner Adapter, 1A37L32 \$ 42.99



BROWNELLS RUST RELEASE

Strips Away Rust & Corrosion, Won't Harm
The Healthy Metal Underneath

Powerful, rust stripper removes corrosion from steel and other ferrous metals. Gets rid of flash rust in as little as 15 minutes, cleans heavily rusted steel overnight. Environmentally safe formula attacks the rust but won't hurt the metal underneath, so it's great for restorations where beadblasting and repolishing are undesirable. Penetrates dirt and oil, eliminating need for pre-cleaning on most jobs. Safer than traditional acid "pickling" processes. Non-flammable, acid free, and biodegradable with low toxicity and minimal odor. Easy, one-step process doesn't require multiple baths or rinses. Use full-strength straight from container, no messy diluting, mixing, or measuring. Re-usable - one gallon cleans up to 325 lbs. of rusty metal. Solution turns black when its rust removal properties have been exhausted. Also great for de-rusting tools, autos, bikes, antiques, lawn furniture, and many other items around the house or shop.

- #082-000-013 Brownells Rust Release, 1 gal., 8K26M62 \$ 29.99



BROWNELLS RUST AND BLUE REMOVER

Attacks Only Rust & Blue; Won't Damage Steel

There are many times when the use of a good rust remover is called for during the bluing operation - old time guns too fragile to polish - guns that have been badly neglected and are not worth spending enough money on to warrant a good polishing job - and guns so badly rusted it would take too much valuable time trying to buff off all the rust and crud on the metal. Our Rust Remover comes in concentrated form. One quart is mixed with one quart of pure water to make two quarts of operating rust remover solution. The remover is made so it will not attack anything but rusted steel, not the live steel itself, providing immersion is not unreasonably long - several hours, that is. Rust and old blue will be completely removed, leaving nothing but clean steel, ready for polishing.

SPECS: Available in 1 quart (32 fl. oz./946 ml) or 1 gallon (128 fl. oz./3.8 L). 1 quart makes 2 quarts solution, 1 gallon makes 2 gallons of solution.

- #082-054-032 1 Quart Rust & Blue Remover, 6Z31K99 \$ 39.99
- #082-054-128 1 Gallon Rust & Blue Remover, 6Z67D99 \$ 84.99

Note: Cannot ship outside Continental U.S. Ships via UPS or FedEx Ground only within U.S.

BLUE WONDER BLUE REMOVAL SYSTEM

Strips Old Bluing Fast, Preps Metal
For Refinishing

Two-part system removes old bluing fast, leaving the metal surface clean, prepped, and ready for conventional re-bluing or application of the Blue Wonder blue or black system. Just apply remover, using the included brush for hard-to-reach areas, let stand 4-5 minutes, then rinse with warm water and apply the stabilizer. Produces a chemically clean, bare metal surface in minutes. Remover contains a mild acid that may harm some stock finishes.

- #100-005-005 Blue Removal System, 6C10G92 \$ 16.69



BROWNELLS STEEL WHITE™

THE SAFER, 2nd GENERATION
RUST & BLUE REMOVER

Attacks The Rust, Not The Steel -
pH Neutral, Non-Toxic -
Contains No Hazardous Components

Effectively removes heavy rust, scale and bluing without damaging your expensive firearms or parts, because it attacks the rust, not the base metal. Works great on both steel and cast iron without dangerous fumes; does not cause hydrogen embrittlement. pH neutral solution won't eat your clothing or bench. Does not attack softer metals like brass, copper, zinc or aluminum so there's no need to remove inlays, sight beads or solder-on ribs before immersion. Highly concentrated liquid really saves money. One gallon of **Brownells Steel White** can be diluted with water to make up to 20 gallons of safe, economical, rust and blue removing solution. Removes light rust and bluing in as little as 5 minutes; immerse in solution longer for heavier rust or scale. Works great at room temperature but can be heated to 120° F. to increase speed of rust removal.

SPECS: Available in quart (32 fl. oz./946 ml) and gallon (128 fl. oz./3.8 L). pH neutral liquid.

- #082-055-032 Quart Steel White Rust Remover, 5L40P53 \$ 43.99

- #082-055-128 Gallon Steel White Rust Remover, 5L143G07 156.99



BROWNELLS TANK SOLVENT

Dissolves Grime, Crud, In Scrub Or Soak
Tanks

High grade, petroleum-based solvent formulated for bench top Cleaning Stations, or any convenient bucket. Use for slow soak dunk and scrub, or any way you like. Contains special organic additives designed to dissolve that gummy combination of powder fouling, dirt and old gun oil, then hold the crud in suspension so it flushes away easily. Leaves a slightly oily coating to protect against rust. Almost odorless. Stable and non-corrosive. Extremely slow evaporation; stays in your tank. Removes easily with Dicro-Clean 909™; won't mess up future bluing/plating jobs. Can damage paint, plastic and some stock finishes.

SPECS: 1 gal. (128 fl. oz./3.8 L) in metal can, 5 gal. (640 fl. oz./18.9 L) in bulk container. Not for use in "Washboard" parts washer.

- #083-034-128 1 Gallon Tank Solvent, 5L56G15 \$ 68.99
- #083-034-640 5 Gallons Tank Solvent, 5L192J52 230.99

Cannot ship outside Continental U.S. Shipped UPS or FedEx Ground only within U.S.

BROWNELLS DICRO-CLEAN NO. 909™

Non-Caustic, Safe Pre-Cleaner For
Perfect Gun Preparation

Designed particularly for use on guns prior to bluing. Removes all grease, traces of buffing compounds, dirt. Operates at 180° F. Is non-caustic, and does not get soggy in storage before use. Eight pounds makes from 16 to 32 gallons of cleaner. Will clean some work in as little as 2 minutes; extra cruddy parts may take up to 15 minutes.

- #082-005-008 8 lb. Dicro-Clean No. 909, 5L47D99 \$ 57.99

*Note: Requires additional Hazardous Materials surcharge.



order on the web
brownells.com

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BROWNELLS NH 909™

Non-Caustic, Non-Hazardous,
Safe Pre-Cleaner For
Perfect Gun Preparation

Designed particularly for use on guns prior to bluing, or any metal refinishing job. Removes all grease, traces of buffing compounds, dirt. Operates at 180° F. Is non-caustic, and the heavy-duty jug keeps it ready for the next use.

One gallon makes from 10 to 21 gallons of cleaner. Will clean most work in 10 minutes; extra cruddy parts may take up to 15 minutes. **SPECS:** 1 gallon (128 fl. oz./3.8L) jug.

#082-000-003 One Gallon NH 909, 5L91A02 \$ 98.99

BROWNELLS B.O.N.™ CRYSTALS BLEED-OUT NEUTRALIZER

Stop "After-Bluing" Salts
Bleed-Out

Soaking the gun for 30 minutes in a 5% solution of B.O.N. and water (6 oz. to the gal.) between the cold and hot water rinses after bluing, prevents unsightly and damaging white residue caused by residual salts. Operates at 130° to 150° F. Use in regular type bluing tank. One gallon of mixed solution does several guns. Can be carried over. **SPECS:** 8 lb. (3.6 kg) net weight.

#082-001-008 B.O.N. Crystals, 6Z30199 \$ 38.99



BROWNELLS PIPE BURNERS



Professional Bluing Salts Heating System

Made especially for bluing tank use. Engineered with the correct size pipe burner, two rows of burner holes, jets and mixing chamber to heat our Oxynate® No. 7 and give maximum efficiency. Each burner includes mixer, orifice cap and Tee-Valve. Will save you time in heating-up, and money by eliminating wasted gas. Burners available for NATURAL or LP GAS. **SPECS:** 45" (1.14m) long x 1 1/8" (2.8cm) diameter. Requires 11" (27.9cm) w.c. gas pressure for LP; 4"-6" w.c. for Natural Gas. 42,000 BTU capacity.

#082-031-032 Natural Gas Bluing Pipe Burner, complete, 8K212M83 \$ 239.99

#082-031-051 LP Gas Bluing Pipe Burner, complete, 8K212I83 239.99

#082-032-032 #32 Nat. Gas Orifice, 8K10F98 11.99

#082-032-051 #51 LP Gas Orifice, 8K10N98 11.99

#082-033-000 Combined AGA T-Valve, w/o orifice cap, 8K40E52 45.99

#082-034-114 1 1/8" I.D. Flat Face Mixer, w/shutter, 8K63Q08 71.99

#082-035-158 1 1/8" O. D. Burner Pipe, 3K138K04 155.99

BROWNELLS STOP-CREEP™



Stops Bluing Solution "Crawl"

Helps prevent cooled bluing solution from "climbing" over the edge of the tank. **SPECS:** Approximately 1" (2.5cm) x 2" (5cm) x 3 1/2" (8.9cm).

#082-070-000 "Stop-Creep", 8K28Q02 \$ 31.99

BROWNELLS WATER DISPLACING OIL "AFTER-BLUIING" RUST PREVENTION

Best Possible "After-Bluing" Oil
Removes Water, Neutralizes Salts,
Acids & Fingerprints

The real professional - and longtime favorite - "after-bluing", one-step oil and protection treatment. Specially formulated; the molecules of oil actually displace the molecules of water still on the surface of the gun as it comes out of the final hot water rinse. Gives the gun a completely protected surface, ensuring your time spent on polishing and bluing will not be spoiled by rust under the oil. Also a superior rust preventive which neutralizes fingerprints, body acids and oils from handling and shooting. Provides a protective film with that proper "oiled and protected" feel preferred by many serious shooters and gun people. The standard by which other "after-bluing" oils are judged. **SPECS:** Net contents: 1 qt. (32 fl. oz./946 ml) or 1 gal. (128 fl. oz./3.8 L) in metal can, 5 gal. (640 fl. oz./18.9 L) in bulk container.

#082-057-032 Qt. Water Displacing Oil, 5L27H65 \$ 34.99

#082-057-128 Gal. Water Displacing Oil, 5L72Q65 89.99

#082-057-640 5 Gallons Water Displacing Oil, 5L299F99 399.99



BROWNELLS Gift Cards & eGift Cards



When you don't know which of our many unique items to give, give a Brownells Gift Card or eGift Card. Call or order online to take advantage of the many delivery options. You'll be giving exactly what your favorite gun "tinkerer" wants. **Call or Order at brownells.com**

BROWNELLS HOT WATER CLEANING TANK PIPE BURNER



Saves Gas & Money On Heating
Cleaner & Rinse Tanks

For 909™ cleaning solutions or hot water rinse tanks, you don't need as much burner capacity as our bluing tank pipe burner delivers. So, to save you gas, and some setup costs, we had these special Hot Water Cleaning Tank Burners designed. They have one row of specially sized holes in a 3/4" pipe. Includes a mixer head and gas cock with either LP or Natural Gas orifice. (Don't use on the bluing tank; they won't make enough heat.) **SPECS:** 42" (106.7cm) long overall. Weighs 4 1/2 lbs. (2.0kg) 1/2" (6.3mm) NPT pipe thread on gas cock. Requires 11" (27.9cm) w.c. gas pressure for LP; 4"-6" w.c. for Natural Gas. 25,600 BTU.

#082-040-000 Natural Gas HWCT Burner, Complete, 8K237K28 \$ 271.99

#082-401-001 LP Gas HWCT Burner, complete, 8K236C78 270.99

#082-033-000 Combined AGA T-Valve, w/o orifice cap, 8K40E52 45.99

#082-042-700 3/4" I.D. Hot Water/Half Tank Mixer, 8K115K99 137.99

#082-045-700 1/2" O.D. HWCT Burner Pipe, 3K107L12 119.99

#082-043-003 Nat. Gas HWCT Burner Orifice Cap, 8K13Q99 13.99

#082-044-053 LP Gas HWCT Burner Orifice Cap, 8K12Q99 12.99

BROWNELLS HEAT-TREAT THERMOMETER

Positive Temperature Control For
Lead, Heat-Treat Baths

Easy, positive way to know that you have the casting pot operating at ideal temperature for perfect cast bullets each time. Makes a cheap pot as accurate as the expensive ones. **SPECS:** 2" (5cm) dial, 8" (20.3cm) long stem, .150" (3.8mm) diameter (immerse at least 2" (5cm) in liquids). 304 stainless. Rustproof, dustproof, leadproof, hermetically sealed. Guaranteed accurate to 1/2% of 1% around entire dial range. Uses bi-metallic helix coils - Range is 200° - 1000° F in 10-degree increments. Recommended for continuous use below 800° F; intermittent use above 800° F.

#084-069-225 Lead Thermometer, 4K39F99 \$ 39.99



BROWNELLS TANK COVER



Protect Solutions From
Contaminants & Evaporation

Covering the solutions you have in our 40" Black Iron or Stainless Steel tanks when they're not being used keeps dirt and contaminants out and extends solution life by preventing evaporation for a nice \$\$\$ savings to you. Has a thick, rubber seal to compensate for slightly bent or warped tanks and still gives a tight fit. Available in 18 gauge steel or stainless. **SPECS:** 18 gauge steel or stainless steel. 40 1/2" (103.5cm) x 6 1/2" (16.5cm). Will not work on tanks with heat saver shields.

#082-074-002 Steel Tank Cover, 8K00ICI \$ 69.99

#082-004-663 Stainless Steel Tank Cover, 8K00MPR 89.99

BROWNELLS BLUING THERMOMETER



Accurate Temperature Readings
For Bluing, Plating & Parkerizing Baths

Accurate temperature control of the bluing bath is absolutely a must for long lasting, true-color blue jobs. Brownells stainless steel Bluing Thermometer is carefully sealed for use in the caustic bluing bath. Each and every thermometer is calibrated and double-checked for accuracy. Cheap, poorly constructed thermometers cause more bluing failures than any other single thing, and it is our feeling that any company offering them for sale to gunsmiths has little knowledge of the bluing game.

Brownells Bluing Thermometer has a long, 6" stem. Only 3" of the stem need to be immersed in the bath, leaving 3" of safety margin to keep the dial out of the salts. Supplied with a Clip to attach the Thermometer to the tank and keep it 1" from the side and 1" above the bottom of a 6" deep tank. **SPECS:** Thermometer: Black numbers, silver face. 2 1/8" (5.4cm) diameter, 50°-400° F. Clip: Stainless Steel. 2 1/8" (6.3mm) long.

#082-068-000 Bluing Thermometer, 8K40E82 \$ 44.99

#082-068-100 Thermometer Clip, 4K4L78 5.99

BROWNELLS TANK STAND

Versatile, Expandable System
Adapts To Fit Your Needs

Lets you design the tank layout to fit YOUR preferred work flow and available shop space. Set up end-to-end, corner-to-corner, side-to-side or overlap side-to-end, then bolt together using the pre-spaced, pre-drilled holes. Puts the top of a 6" x 6" x 40" tank 3" from the floor. Allows good flame travel across the tank bottom and up the sides. Easily supports a tank full of salts and work pieces. Saves hours of construction time. Partially assembled. **SPECS:** 41" (104.1cm) long, 8 1/2" (22.2cm) wide, 28 1/4" (73cm) high. 3/4" (19.0mm) angle rails, 1" (2.5cm) x 1 1/8" (4.1cm) angle ends, 1" (2.5cm) sq. legs. 3/16" (7.9mm) diameter mounting/assembly holes. Includes Stand, pipe burner lock-downs, 3 Interlocking Bars and Assembly Bolts with nuts and washers. Detailed Instructions include fully diagramed assembly options.

#082-074-001 Tank Stand, 8K219P99 \$ 229.99



BROWNELLS BLACK IRON BLUING TANK



Best Tank Made For
Hot Chemical Bluing

Custom made for us especially for the professional gun bluing industry. About 4 1/2 gallon working capacity. Welded of black iron with inset ends, rolled edges. Will not affect salts in any way, cannot damage solution, chemical balance or use life. Best available! **SPECS:** 18 ga. (68.1L) black iron. 6" (15.2cm) x 6" (15.2cm) x 40" (101.6cm). Holds 4 1/2 gallons of solution.

#082-003-664 Black Iron Bluing Tank, 6D132D29 \$ 146.99

**BIRCHWOOD CASEY
METAL FINISHING PRODUCTS**

SUPER BLACK INSTANT TOUCH-UP PEN - Gloss black or flat black aluminum paint in large size "Magic Marker" with felt tip applicator. Good scratch-filling ability. **SPECS:** 6" (15.2cm), 1/3 fl. oz. (10 ml).
#167-004-180 Gloss Inst Touch-Up, each, 5C6D59 . . . \$ 9.99
#167-004-190 Flat Inst Touch-Up, each, 5C7D63 7.69

SUPER BLUE - Deep, blue-black finish penetrates hard steel instantly. Works great on polished steel that contains nickel or chrome alloys, including mauser-style bolt release buttons. For touch-up or complete re-blue. Available in 3 fl. oz. or 32 fl. oz. container. **SPECS:** 3 fl. oz. (89 ml) or 32 fl. oz. (.95 L) net contents, plastic bottle.
#167-008-200 3 oz. Super Blue, each, 5C6E89 \$ 8.99
#167-134-320 32 oz. Super Blue, 5C43K50. 50.99

PASTE BLUE - Concentrated for deeper color, longer wear. For reblue or touch-up. Won't dry out. **SPECS:** 2 fl. oz. (59 ml) net contents.
#167-002-200 Paste Blue, each, 5C5C22. \$ 7.29

PLUM BROWN - For chemically browned antiques and muzzleloaders, and for sportsmen preferring the brown color to black or blue. Easy to use. Gives deep color and metal penetration. **SPECS:** 5 fl. oz. (148ml) or 32 fl. oz. (960ml) glass bottle net contents.
#167-000-002 5 oz. Plum Brown, each, 5C9N49. \$ 9.99
#167-000-027 32 oz. Plum Brown, 5C29K20 37.99

BLUE & RUST REMOVER - Removes old blue and rust before rebluing. Harmless to metal. Provides rust inhibiting film that protects metal up to 72 hours. **SPECS:** 3 fl. oz. (89 ml) net contents.
#167-006-100 Blue/Rust Remover, each, 5C3E80 \$ 5.29

CLEANER-DEGREASER - Completely removes all grease, oil, dirt, wax, silicone, etc. No harmful fumes, non-flammable. Will not gum up. **SPECS:** 3 fl. oz. (89 ml) net contents plastic bottle.
#167-007-110 3 oz. Cleaner/Degreaser, each, 5C4P13. \$ 5.39

PERMA-BLUE - Penetrates and blues steel instantly. For touch-up or complete reblue. Produces a rich, black finish. Highly rust resistant. **SPECS:** 3 fl. oz. (89 ml) net contents.
#167-001-220 Perma Blue, each, 5C6M29 . . . \$ 6.99

BRASS BLACK - Use for touch-up or complete refinishing. For sights, screws, swivels - copper or brass. Is also excellent for permanent marking to identify reloaded cartridge cases. Easy to use. **SPECS:** 3 fl. oz. (89 ml) net contents.
#167-005-200 Brass Black, each, 5C7H01 \$ 9.09
 Cannot ship outside Continental U.S. Shipped UPS or FedEx Ground only within U.S.

**BROWNELLS
DICROPAN T-4® CREME**
 Finest Touch-Up Blue In Stay-Put Creme
 T-4 is unsurpassed in its ability to color many different steels almost instantly. The creme formula makes it even better for spot touch-ups. . stays where you put it so surrounding bluing is unaffected. **SPECS:** 4 fl. oz. (118 ml) net contents.
#082-156-004 4 oz. Dicropan T-4 Creme, 2H11A99 . . . \$ 13.99

**LAUREL MOUNTAIN FORGE
BROWN BROW & DEGREASER**
 Finest, Classic, Rust Browning System Available
 Non-toxic rust browning formula produces a beautiful, fine-grained finish. Requires minimal pre-cleaning. Works fast, 4 to 6 applications 3 hours apart. Works best with a "damp box." **SPECS:** 2 fl. oz. (59 ml) or quart (32 fl. oz./946 ml) net contents.
#519-100-025 2 oz. Laurel Mtn. Brown, 9A13L30 \$ 16.99
#519-100-032 1 qt. Laurel Mtn. Brown, 9A11F25 136.99

**MARK LEE
EXPRESS BLUE #1 EXPRESS BROWN #2**
 Quick & Easy Using Propane Torch
 No damp cabinets or long rusting periods required to get good-looking blues and browns. Heat part to 150°-200° F.; swab on solution, and card with soft wire wheel or fine steel wool. Blue #1 does require parts be immersed in boiling water for 5 minutes before carding. Brown #2 gives excellent brown without boiling water; boil for dark brown/black. **SPECS:** 4 fl. oz. (118 ml) and 16 fl. oz. (473 ml) net contents bottles. Detailed instructions.
#575-200-004 4 oz. Express Blue #1, 5G9L95 \$ 14.99
#575-100-004 4 oz. Express Brown #2, 5G10C15 15.99
#575-200-016 16 oz. Express Blue #1, 5G22J73 34.99
#575-100-016 16 oz. Express Brown #2, 5G22A73 29.99

HOW TO APPLY THE HIGHLY SOUGHT AFTER GRAY FINISH ON ENGRAVED FIREARMS
 Guiseppi Forté, long time member of and 1987 President of the Firearms Engravers Guild of America, was kind enough to "tell us how it's done". We have this monograph available for you, free of charge, as a downloadable, printable PDF file on our website. This is wonderful information - we are all indebted to Guiseppi for sharing it so generously with the industry. Go to the **Learn** tab at **Brownells.com** and enter "Gray Finishes for Firearms" in the **Search Learn** box to view/download this superb set of instructions.

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 We'll Be Your Supplier

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brownells.com

**BROWNELLS MANGANESE
PARKERIZING SOLUTION & KIT**



Original, Manganese Phosphate Solution For A Tough, Rust-Resisting Finish; Easy To Use; Detailed Instruction Booklet; Meets Mil Spec STD171

With our Manganese Parkerizing setup in your shop, you can give your customers the same durable, economical finish that's protected U.S. military firearms for decades. An ideal choice for hard-working AR-15/M16 rifles. Dull gray finish gives a true tactical look. Parkerizing is easy to do, and since it works best on a "blasted" finish, you don't need polishing equipment. Color varies from light to dark gray, depending on the base metal's alloy and hardness. Once you've gotten your solution mixed and activated, you just add water as you use it and top off the tank with fresh solution between uses. No need to throw it out after each use and no complicated testing to make sure the levels are correct. Our detailed Instruction Booklet makes the process almost foolproof. We explain how and why Parkerizing works and give you lots of trouble-shooting info. If you're already set up for Oxynate No.77™ bluing, adding Parkerizing to your shop is really easy. You'll need our Parkerizing Solution, a stainless steel tank and stand, a diffuser plate, heat source, some Post Solution Treatment, a fiberglass tank, atomized steel activator, bore plugs, a couple of coffee filters and our Instruction Booklet. If you're starting from scratch, our complete Parkerizing Kit gives you everything you need to get tough, rust-resistant finishes quickly, easily, repeatably, confidently and profitably.

GAS MANGANESE PARKERIZING KIT - The Gas Parkerizing Kit is a great value. Buying all the components separately you'd pay over 15% more than you do for the kit. **SPECS:** Kit contains: 1 gallon (128 fl. oz./3.8 L) of Brownells Manganese Parkerizing Solution; 5 gallons (640 fl. oz./18.9 L) of Brownells Parkerizing Post Solution Treatment; 8 lbs (3.6 kg) of Dicroclean 909™; 12 oz. (340 g) pak of Atomized Steel; 6 rifle/pistol bore plugs; 6 shotgun bore plugs; 1, 6" (15cm) x 6" x 40" (101cm) stainless steel tank; 3, 6" x 6" x 40" black iron tanks; 1 fiberglass tank; 4 tank stands; 1 tank cover; 1, 3/8" (9.5mm) x 6" x 40" diffuser plate; 1 face shield; 1 pair of heavy rubber gloves; 1 shop apron; 2 rinse tank brushes; 2 hot water tank burners and 1 pipe burner, all three include natural gas and propane orifices; 1 bluing thermometer; 50 ft. (15m) of black iron wire and 5 coffee filters.
#082-200-000 Gas Mang Park Kit, 2H2088Q46. . . \$ 2119.99
 Shipped by truck only. Please call for freight charges. Cannot ship outside Continental U.S.

PARKERIZING SUPPLIES ONLY - 16 oz. (473 ml) bottle of Parkerizing makes 1 gallon of solution for recharges, small parts or where shipping restrictions limit container size.
#082-200-016 *16 oz. Mang. Parker., 5L15F99 \$ 18.99
#082-200-128 *1 Gal. Mang. Parker., 5L70B99. 89.99
#083-134-128 *1 Gal. Post Trtmnt Sol, 5L66N99 82.99
#083-134-640 *5 Gal. Post Trtmnt Sol, 5L248K76 317.99
#081-021-104 12 oz. Atomized Steel, 8K24J99 24.99
#082-201-000 Diffuser Plate, 1K46G99 46.99
#082-201-100 6-pak Rifle/Pstl Bore Plugs, 8K9L99 9.99
#082-201-101 6-pak Shtgn Bore Plugs, 8K10G99. 10.99
#076-200-482 Parkerizing Instructions, 4D00GNI00
 Cannot ship outside Continental U.S. Shipped UPS or FedEx Ground only within U.S.

**BROWNELLS
BENCHTOP PARKERIZING KIT**

Economical, Easy-To-Use System Produces Genuine, High-Quality, Tough, Rust-Resistant Parkerized Finishes
 Perfect for the serious home gunsmith or the small shop that does only a few Parkerizing jobs a year but wants an alternative to jobbing out the work. This kit contains everything you need to Parkerize handguns and small parts. It lets you expand the range of services your shop offers without a big-dollar investment. Give your customers' guns a tough, durable, rust-resistant finish quickly, easily, repeatably, confidently—and profitably. Since the process works best on a "blasted" finish, you don't even need to invest in expensive polishing equipment.



Kit includes all the chemicals, tanks, and safety gear you'll need, right down to wire to hang the parts on. All you have to add is a heat source and a supply of clean water. Our detailed Instruction Booklet takes you through the process step-by-step. Once the solution is mixed and activated, just add water as you use it, and top off the tank with fresh solution between jobs. No need to throw it out after each use. Choose between two processes, manganese or zinc; both produce equally tough, non-reflective, corrosion-resistant finishes. You can provide whichever finish your customer prefers simply by changing the solution in your tanks. Manganese provides a slightly thicker, medium/dark gray or black finish that meets MIL-STD 171 for small arms finishing. Zinc produces a light/medium gray finish with a finer grain surface that is cosmetically appealing. It also provides plenty of "tooth" to grab other finishes like Baking Lacquer, AlumHyde II®, Teflon®/Moly Oven Cure Gun Finish, and Gun-Kote™. **SPECS:** Kit contains 1 pint (16 fl. oz./.47 L) of Parkerizing Solution; 1 gallon (128 fl. oz./3.8 L) of Brownells Parkerizing Post Treatment Solution; 12 oz. (340 g) pak of Atomized Steel; 1 pint NH 909™ Non-Hazardous Liquid Cleaner/Degreaser; 1, 6" x 6" x 10" (15.2cm x 15.2cm x 25.4cm) stainless steel tank; 2, 6" x 6" x 10" (15.2cm x 15.2cm x 25.4cm) black iron tanks; black iron wire, 3 coils 50' (15.2m) ea.; 1 bluing thermometer; 1 pair of heavy rubber gloves; 1 neoprene shop apron; 1 face shield; 1 coffee filter; instructions.
#082-200-002 *Benchtop Manganese Parkerizing Kit, 8K299D23 \$ 337.99
#082-200-003 *Benchtop Zinc Parkerizing Kit, 2H353A29 376.85
#082-000-011 NH 909 Liquid Cleaner/Degreaser, 1 Pint, 5L13D82 15.99
 *Cannot ship outside Continental U.S. Shipped UPS or FedEx Ground only within U.S.



**BROWNELLS
ZINC PARKERIZING PRE-DIP BLACKENER**
 Gives A True, Black, Parkerized Finish
 Produces a dark black color that retains the crystal sparkle common to zinc parkerized finishes. Replaces the hot water rinse as part of the normal zinc parkerizing process. Requires no heating or expensive tank setup, just dip parts in Pre-Dip 15 seconds before placing them into the parkerizing bath. Easy-to-mix and use, concentrated solution saves you money; can be stored and reused. Mix with Hydrochloric Acid (listed elsewhere) and water. **SPECS:** Plastic bottle, 1 quart (.95 L). Includes instructions.
#082-000-002 Zinc Parkerizing Pre-Dip Blackener, 5L46D99 \$ 52.99

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METAL FINISHING

BLUING

PARKERIZING/PLATING/
 CASE HARDENING

BROWNELLS

ZINC PHOSPHATE PARKERIZING



Heavy Zinc Phosphate Process Provides Excellent Surface For Holding Oils & Lubricants Or As Undercoat For Spray-On/Bake-On Finishes

A very user-friendly process that produces a non-metallic zinc phosphate coating on iron and steel that is highly resistant to corrosion, very durable and long wearing. The traditional, charcoal-gray color is ideal for non-glare finishes on tactical and hunting guns, or restoring older military guns. The large, uniform grain structure and even thickness coating gives excellent retention for lubricants and rust preventives. Also provides an ideal base for spray-on/bake on finishes such as Brownells Baking Lacquer, Aluma-Hyde II and Teflon Moly Gun Finish. The porous surface produced by Zinc Phosphate Parkerizing actually bonds the final finish to the gun for a durable, long wearing coating. A very clean process, Zinc Phosphate leaves almost no sludge buildup around the heating coils in your tank. If you are already setup for parkerizing, switching to Zinc Phosphate is a simple matter of changing chemicals.

US
SPECS: Net Contents: 1 gallon (128 fl. oz./3.8 L), 1 pint (16 fl. oz./473 ml). In plastic container. Full instructions.

#082-091-128 1 Gal. Zinc Parkerizing, 5L98M99 \$ 129.99

#082-091-016 1 Pint Zinc Parkerizing, 5L15C64 19.99

ALTERNATIVE FINISHES

PARKERIZING, COLOR CASE HARDENING, PLATING & BROWNING

PARKERIZING - Parkerizing is ideal on most steels (but not aluminum or stainless) as an alternative to bluing. It is ideal for hunting and law enforcement firearms due to good weather resistance, low light reflection and durability against wear. Due to slight surface etching, Parkerizing is not recommended for match-grade barrels. A Pre-Dip Blackener can be used to change the finish to black, or the parts can be blued, dyed or sprayed with Brownells Baking Lacquer or Aluma-Hyde™ after Parkerizing. Application is by immersion in a glass, ceramic, fiberglass or stainless steel tank of heated solution.

COLOR CASE HARDENING - This classic finish is found on the receivers of Colt Single Actions and many shotguns. The brilliant, swirling blues, grays and golds are the result of packing steel parts in a mixture of wood and bone charcoal, heating them to roughly 1400° F. then quenching in water. The surface of the steel is also hardened in the process. Because of the high temperatures, warping can be a problem and parts where a specific hardness is critical should not be color case hardened. Application requires a heat treating furnace, a steel crucible to hold the parts, plus high temperature handling gear and a 55 gallon drum of quenching water.

ELECTROLESS NICKEL PLATING - This is an attractive, very durable, extremely hard, metal surface plating often used to blend carbon steel parts with stainless steel, or to provide more weather and wear resistance to parts. It can be applied to matte surfaces for a dull finish or to polished metal for a bright surface. A nickel-plated surface is extremely hard, relatively frictionless, and is so tough that removal requires chemical stripping or sanding. Application requires tanks, heating units and tank agitators.

BROWNING - Traditionally reserved for muzzleloaders, slow, rust browning can be quite attractive. True, rust brown finishes are usually more durable than the quick, heat process browns, although they take much more time to do. Varying techniques can give anything from a smooth, slightly glossy finish to a "rough", non-reflective one. Since it is a rust process, bores and critically fitted parts must be protected. Application varies but may include damp cabinets, hot air guns or propane torches.

BROWNELLS

ROOM TEMPERATURE NICKEL STRIPPER



Strips All Types Of Nickel Plating Without Heating Or Agitation

Convenient, easy-to-mix and use liquid completely removes both electrolytic and electroless nickel from steel, copper and copper alloys without heating or agitation. Safe and simple to use; usual stripping time is 30 minutes to 4 hours. Re-bottle and use again and again. Gives off strong, ammonia odor, use with adequate ventilation. **US**
SPECS: Part "A", Part "B" 1 qt.(32 fl. oz./946 ml) each. Makes 1 1/4 gal. of stripper. Includes instructions.

#082-078-160 Room Temperature Nickel Stripper, 5L53C05 \$ 59.99

BROWNELLS

COLOR CASE HARDENING KIT

Produce Beautiful Color Case Hardening Like The Pros

The subtle shades of blue, gray, and straw on color case parts give a gun a true custom look. Cowboy Action Shooting has brought many guns out of retirement that need to have faded colors restored. We've assembled two, easy-to-use systems with all the items you need to immediately begin a case color hardening operation (except a quenching tub). Complete system includes our 1.37 cu. ft. heat treat furnace, 11" x 4" cylindrical crucible big enough for a rifle action, 30" long crucible tongs for handling ease and safety, Kevlar gloves for protection against high temps (also sold separately), a full face shield to protect your face, 10 pounds of high carbon content wood charcoal, 25 pounds of high carbon content filler-free bone charcoal, five disposable filter masks to keep dust out of your lungs, a long shop apron, and complete instructions explaining the color case hardening process. **Kit Without Furnace** has the same, large capacity crucible, charcoal, and supplies, only without the furnace, for those who already have a heat source capable of heating the crucible to 1,450° F. **US**

#100-011-091 Case Hardening Kit w/Furnace, 3Z2170P11 \$ 2380.99

#080-951-501 Case Hardening Kit w/o Furnace, 8K491J36 543.99

#494-666-160 Hi-Temp Gloves, 4D75E12 79.99

*Note: Shipped Truck only. Please call for freight charges.

COLOR CASE HARDENING CRUCIBLE & TONGS - If you already have a furnace, these two tools will make the job easier. **Crucible** - 138 cu. in. of space lets you color case harden a rifle action or large revolver frame with space for the necessary blocking. Round shape is easy to handle with no wasted corner space. Clamping rings position the canister securely in the tongs when carrying and dumping. **Tongs** - 30" long handles keep you back, away from the furnace heat, makes grabbing the hot crucible safer and more secure. **US**
SPECS: Steel. Crucible - 11" (28cm) high, 4" (10cm) diameter. Tongs - 30" (76cm) long.

#080-951-000 Crucible, 8K97M89 \$ 113.99

#080-951-100 Tongs, 8K92P20 99.99

#080-951-200 Crucible & Tongs, 8K149F00 159.99

BROWNELLS

HEAT-TREATING CHARCOAL



Produces Dramatic Color & Swirl Patterns

Wood and bone charcoal with just the right sieve size for crucible packing of steel parts to be hardened. Hi-carbon content without waxes or fillers gives brilliant color patterns. Mixing types by specific ratio provides additional control over color and pattern. **US**

SPECS: Packed in 5 gal. bucket. **Bone** - 10x28 sieve size, 25 lb. (11 kg) weight. **Wood** - #6 size, 10 lb. (4.5 kg) weight.

#084-097-031 Bone Charcoal, 5L119E99 \$ 119.99

#084-098-013 Wood Charcoal, 5L43L99 43.99

SPRAY-ON, BAKE-ON FINISHES

BROWNELLS GUN KOTE™

This is the long-time, industry standard, now available in an aerosol can. It gives a thin, extremely tough, bake-on finish with the lubricating qualities of molybdenum disulfide. Thickness buildup is minimized without sacrificing abrasion or chemical resistance. Recommended for application on aluminum-oxide-blasted surfaces only. Slightly less forgiving than Baking Lacquer or Teflon/Moly where cleaning and spraying techniques are concerned.



ALUMA-HYDE® II

Brownells Aluma-Hyde® II is a high-grade, air-dry, epoxy paint for use on aluminum alloys, steel, fiberglass and plastics. Available in aerosol only, it gives a very tough finish, resistant to scratches and dings and is not affected by the solvents and oils used in the firearms industry. It even stands up to most of the new "miracle" bore cleaners. Available in colors to match blued and stainless steel parts, Parkerizing, stocks, etc. **US**



BROWNELLS

ALUMA-HYDE® II

Durable Epoxy Base Paint Withstands Bore Cleaners & Solvents



The special feature of **Aluma-Hyde II** (and the reason for its development) is its increased resistance to bore cleaners, solvents and other cleaning chemicals, even trichloroethylene. Today's new family of fast, aggressive bore cleaners really do a terrific job getting dirty gun bores sparkling clean, but they can wreak particular havoc with any other finish they contact. After full cure, **Aluma-Hyde II** proved solvent-proof to all but the most aggressive, copper-removing bore solvents. **Aluma-Hyde II** is formulated with a hard-curing epoxy base that contains additional, high-density pigment for a durable finish that sticks to all properly prepared aluminum and alloy surfaces, steel and plastics - it's great on synthetic stocks. **Aluma-Hyde II** is available in a variety of colors to help the gunsmith match the vast number of applications found in the average gun shop. Matte finishes are available in **Parkerizing Gray** (medium gray), **Dark Gray Parkerizing** (medium dark), **Stainless Steel Gray** (light), **Earth Brown**, **Matte Clear**, **O.D. Green** for creating camo pattern stocks, **Desert Tan** (light, desert-tan sand), **Coyote** (light, gray-brown) and the original favorite, **Matte Black**. We like the Matte Black color for refinishing those used AR-15 butstocks and handguards you pick up when building a parts gun, knock around truck guns and of course, anodized parts.

Aluma-Hyde II dries to the touch in only minutes and reaches full cure in about a week. Here's the way we apply it: Warm the part and the **Aluma-Hyde II** to about 90° F.; spend a couple of minutes shaking the daylight out of the **Aluma-Hyde II** and apply a medium coat for good coverage. You can recoat in a few minutes but don't wait more than thirty minutes. Once **Aluma-Hyde II** starts curing, you must wait until it's fully cured to recoat. You can cut the cure time to approximately two days by circulating warm air (90° F. works fine) past the part. Absolutely no primer coat is required for a tough, durable, abrasion-resistant, rustproof finish that blends beautifully and compliments all gun finishing applications. **US**

SPECS: 12 oz. (340 g) aerosol can.

STOCK #	COLOR	STOCK #	COLOR
#083-002-012	Matte Black	#083-002-112	Semi-Gloss Blk
#083-002-212	Park. Gray	#083-002-812	Dk Parkerizing
#083-002-412	SS Gray	#083-002-312	O.D. Green
#083-002-512	Earth Brown	#083-002-712	Matte Clear
#083-002-210	Coyote	#083-002-211	Desert Tan
#083-002-014	Magpul FDE	#083-002-618	Wolf Gray

— Advise # — Aluma-Hyde II, 1F10I99 \$ 12.99

REPLACEMENT NOZZLES - Nozzles can get clogged if you forget to clear them after each spraying session or, if you don't shake well, the pickup tube inside the can gets plugged. We have three nozzles that solve these problems. Replace clogged nozzles with either of these two options: **Replacement Nozzle B, Round Pattern** provides a broad, round pattern; **Fan Pattern Replacement Nozzle** provides a narrow, verticle pattern, similar to professional spray guns. **Clean Out Nozzle** - Lets full pressure blow through a plugged pickup tube to clear it out. Once clear, install a Replacement Nozzle to continue spraying.
SPECS: Pak of 12. **Clean Out Nozzle** not intended for spraying. *These are the correct nozzles for Aluma-Hyde II.*

#084-179-002 Replacement Nozzle B, 1F3A99 \$ 3.99
#084-179-005 Fan-Style Rplcmnt Nozzles, 6A4M99 4.99
#084-179-004 Clean Out Nozzle, 1F3G99 3.99

SOLVENT - Use **Liquid Aluma-Hyde II Solvent** to clean spray nozzles and work surfaces; does not affect hardened strength and will not soften fully cured **Aluma-Hyde II**. **US**

#083-002-001 Liquid Aluma-Hyde II Solvent, 1 Quart (32 oz.), 5L18H28 \$ 22.99

GUARANTEED. FOREVER.®

SINCE 1939




BROWNELLS GUN-KOTE™ OVEN CURE GUN FINISH

Genuine GUN-KOTE™ Spray-On/Bake-On Finish
in a Convenient Airbrush-Ready Liquid


The world-famous, ultra-thin, friction-reducing coating that lasts and lasts can now be applied to any clean, pre-heated metal part in as little as 2 hours. Brownells has teamed up with KG Products to produce the genuine GUN-KOTE™ epoxy finish that's easy and foolproof to apply with your airbrush. You get the quality of genuine GUN-KOTE™ backed by the Brownells no-hassle, complete satisfaction guarantee; an unbeatable combination!

Now you can easily apply the self-lubricating benefits of molybdenum disulfide to alloy steel, stainless steel, brass and aluminum, even properly prepared nickel plating, in just minutes. Prepare, clean and pre-heat your part to 100°, spray on Brownells GUN-KOTE™ and allow the part to dry. Bake the part in an oven at 300° for one hour and you're done. You've protected the metal parts of your valuable firearm from rust, corrosion, and scratches with a beautiful finish that will wear for years and help keep your gun looking just like new.

Brownells GUN-KOTE™ is a durable, second-generation epoxy, thermo-set resin finish that will not break down, peel or dissolve. In fact, once it's applied, the only way to remove Brownells GUN-KOTE™ is to abrasive blast the part. It is resistant to all known gun solvents and thinners. Each coat is approximately .0004" thick so Brownells GUN-KOTE™ can be used on both internal and external parts where a close-tolerance fit is required without having to worry about interference. This makes Brownells GUN-KOTE™ the perfect, maintenance-free coating for handgun slides and frames, shotgun receivers and magazine tubes, rifle actions and bolts, anywhere you need an ultra-thin, self-lubricating, permanent coating that protects and wears like crazy. 

SPECS: Liquid - 8 fl. oz. (237 mL).

- #083-166-006  Matte Black Gun-Kote 8 oz., 8K24L99 \$ 29.99
- #083-166-001  Gloss Black Gun-Kote 8 oz., 8K24G99 29.99
- #083-166-008  Matte O.D. Green Gun-Kote 8 oz., 8K24H99 29.99
- #083-166-013  Gloss Gunmetal Blue Gun-Kote 8 oz., 8K21I62 24.99
- #083-166-005  Matte Dark Earth Gun-Kote 8 oz., 8K23A22 24.99

K-PHOS PRE-TREATMENT - Advanced phosphate liquid replaces the hot tank phosphating process to provide protection against rust and corrosion, plus a superior crystalline bonding surface for Brownells GUN-KOTE finishes. K-PHOS chemically etches and instantly seals the metal surface to prevent rust prior to painting. Application requires surfaces to be completely degreased using Brownells TCE or KG3 Solvent Degreaser. Machined surfaces can be abrasive blasted for maximum adhesion. Easy application: brush on, dip the parts, or spray on with air brush. Does not require thinning, and dries in 10 to 15 minutes for fast turn-around. Highly recommended for use with GUN-KOTE on alloy steel, stainless steel, aluminum, and sound quality nickel and chrome plating. Meets MIL-C-490A and TT-C-490 specifications. 

- SPECS: Liquid, clear, 8 fl. oz. (237 mL) or 16 fl. oz. (473 mL) plastic bottle.
- #665-000-013 K-Phos, 8 oz., 5F17N06 \$ 20.19
 - #665-000-014 K-Phos, 16 oz., 5F48I09 57.99

DURACOAT SHAKE-N-SPRAY™ FINISHING KIT

Easy Prep & Spray System For
A Durable Matte Black Finish


Easy-to-use kit contains all the components you will need to achieve a durable solvent-, scratch-, and chip-resistant finish on any firearm. Can be applied over bluing, phosphate finishes, and anodizing; also works on plastic and wood. Completely seals the surface to prevent rust and corrosion. Strip the part with the included Cleaner/Degreaser, scuff with enclosed pad, mix the DuraCoat liquid with the hardener, fill the Pre-Val spray unit, and spray the part. Finish dries overnight and attains a complete cure in 3-4 weeks. Contains enough DuraCoat liquid to fully coat a rifle or shotgun. 












- #100-006-802 DuraCoat Shake-N-Spray Kit, 9K00NYB \$ 49.95

LAUER CUSTOM WEAPONRY DURACOAT

Durable Finish Protects Any Gun Part



A protective spray-on paint that won't chip, crack, or flake; works great on any material. Two-part system of hardener and paint form a tenacious chemical bond with the surface with superb durability and elasticity. Airbrush application gives a smooth finish. Dries in 10 minutes and fully cures overnight; speed cure in an oven at 110° F for 1 hour. 


- #100-001-002  4 oz. DuraCoat, Mat Blk, 9K23F76 \$ 24.95
- #100-007-956  4 oz. DuraCoat, Tactical Black, 9K23C76 24.95
- #100-007-949  4 oz. DuraCoat, Semi-Gloss Black, 9K23I76 24.95
- #100-007-952  4 oz. DuraCoat, Magpul Flat Dark Earth, 9K23C76 24.95
- #100-011-775  4 oz. DuraCoat, White, 9K23B76 24.95
- #100-007-939  8 oz. DuraCoat, Matte Black, 9K37Q09 38.95
- #100-007-936  8 oz. DuraCoat, Tactical Black, 9K37K09 38.95
- #100-007-923  8 oz. DuraCoat, Semi-Gloss Black, 9K37M09 38.95
- #100-007-932  8 oz. DuraCoat, Magpul Flat Dark Earth, 9K37K09 38.95
- #100-000-996  4 oz. Reducer, 9K9C53 9.59
- #100-001-001  2 oz. Hardener, 9K10I88 11.50

DURAFIL - Two-part surface filler can be applied with an airbrush and covers pits, dings, and scratches. No thinning required. SPECS: Kit contains: 4 fl. oz. (118 mL) bottle of DuraFil, 1/2 fl. oz. (14.8 mL) bottle of DuraCoat Hardener, and instructions.

- #100-001-005 DuraFil Kit, 9K19L51 \$ 20.50

LAUER CUSTOM WEAPONRY DURACOAT AEROSOL

Finish & Hardener In One Can


Unique can-within-a-can system includes color finish and hardener in one easy-to-use unit. Eliminates need for measuring, mixing or airbrush. Just release the hardener, and spray onto a gun. Adjustable nozzle lets you spray in vertical or horizontal pattern. Works on all types of metal, plastic and wood. Can be applied over bare metal, or any metal finish like Parkerizing, anodizing and bluing. Once activated, can remains useable for up to 48 hours. Each can contains enough for 2 to 4 firearms, depending on size. Requires no baking or preheating. Pink Lady requires base coat of DuraCoat White before final application. 

- SPECS: Aerosol, 12 oz. can.
- #100-013-668  Matte Black, 9K43E75 \$ 45.95
 - #100-013-670  Parkerize Color, 9K43E75 45.95
 - #100-013-671  OD Green, 9K43K75 45.95
 - #100-013-673  Combat Gray, 9K43G75 45.95
 - #100-013-675  MAGPUL Flat Dark Earth, 9K43D75 45.95
 - #100-013-676  Blackhawk Coyote Tan, 9K43K75 45.95
 - #100-013-672  White, 9K43Q75 45.95

BROWNELLS REPLACEMENT NOZZLES



Easiest, Fastest, Cheapest
Way To Deal With a Clogged
Spray Can Nozzle!

Nozzles can get clogged if you forget to clear them after each spraying session or, if you don't "shake well", the pickup tube inside the can gets plugged up. We have nozzles that solve these problems. Replace a damaged or hopelessly clogged nozzle that's attached to a still-serviceable can of spray finish. Because it's easier, faster, and probably cheaper to just replace the dead nozzle and get back to your project! **Nozzle B** for Aluma-Hyde II and Gun-Kote. **Nozzle C** for thicker products like the old Brownells Spray Grit. **Clean Out Nozzle** is for what its name says it's for - not intended for applying finish to the work piece. It lets full pressure blow through a plugged pickup tube to clean it out. Once clear, install a Replacement Nozzle to continue spraying. All nozzles sold in packs of 12. 

- #084-179-002 Replacement Nozzle B, 1F3A99 \$ 3.99
- #084-179-003 Replacement Nozzle C, 1F3A99 3.99
- #084-179-004 Clean Out Nozzle, 1F3G99 3.99

PAASCHE H-SET AIRBRUSH KIT

Easily Apply
Aluma-Hyde®, Stock
Finishes & More



Get fast, even spray application with pinpoint accuracy from the classic Paasche H, the Cadillac (or insert the name of your favorite luxury automobile) of airbrushes. Perfect for applying Brownells Aluma-Hyde II®, Gun-Kote™, and other spray-on finishes to metal surfaces.

NIC INDUSTRIES CERAKOTE™ CERAMIC COATINGS

Tough, Durable Coatings For
Maximum Protection

State-of-the-art, Cerakote™ Firearm Coatings provide a durable, weather- and corrosion-proof, ceramic-based protective finish that resists scratching, chipping, and abrasive cleaning solvents. Hardener and paint chemically bond into an ultra-thin coating that adheres to almost any surface for a clean, professional finish. Apply with an airbrush or HVLP touch-up gun for a smooth finish. **Oven Cure Kit** requires oven baking for 2 hours at 250° for optimal cure or 1 hour at 300° for quick cure. For heat-sensitive materials such as plastics, a 2 hour cure at 200° is adequate. **Oven Cure Refill** lets you order more paint and hardener only. **Air Dry** requires no baking and is tack free in 40 minutes, completely dry in 24 hours, and fully cured in 5 days. 

SPECS: **Oven Cure Kit** includes 4 fl. oz. (118 mL) Cerakote, .17 fl. oz. (5ml) hardener, 3.4 fl. oz. (100 mL) graduated cylinder, (4) funnel filters, and instructions. **Large Graphite Black kit** comes with 32 fl. oz. (946ml) Cerakote™, 4 fl. oz. (118ml) hardener, graduated cylinder, (4) funnel filters, and instructions. **Oven Cure Refill** - Includes 4 fl. oz. Cerakote, .17 fl. oz. hardener, (4) funnel filters, and instructions. **Air Dry Kit** - Premixed and includes 4 fl. oz. Cerakote, (4) funnel filters, and instructions. Finishes up to 6 handguns or 2 to 3 long guns.

OVEN CURE CERAKOTE

STK# KIT	STK# REFILL	COLOR
#100-003-743	#100-003-857	Graphite Black
#100-003-744	#100-003-861	O.D. Green
#100-003-747	#100-003-859	Sniper Gray
#100-003-745	#100-003-860	Coyote Tan
#100-003-746	#100-003-858	Stainless
#100-004-735	#100-004-737	Desert Sand
#100-004-736	#100-004-738	Dark Earth
#100-011-643	#100-011-640	Magpul Flat Dark Earth
#100-011-642	NA	Burnt Bronze
#100-005-611	NA	Graphite Black (Large Kit)


- Advise # - Cerakote Oven Cure Kit, 4N38Q25. \$ 46.99
- Advise # - Cerakote Oven Cure Refill, 4N30Q23 ... 34.99

- #100-005-611 Large Oven Cure Kit, Graphite Black, 4N94P72 \$ 101.99

AIR DRY CERAKOTE

STOCK #	COLOR	STOCK #	COLOR
#100-003-852	Graphite Black	#100-004-740	Dark Earth
#100-003-856	O.D. Green	#100-011-644	Magpul Flat Dark Earth
#100-003-854	Sniper Gray	#100-017-329	High-Gloss Clear
#100-003-855	Coyote Tan	#100-017-330	Matte Clear
#100-003-853	Stainless		
#100-004-739	Desert Sand		

- Advise # - Air Dry Cerakote, 4N30I23 \$ 39.99

Use with your air compressor or other air source. Requires 1 cfm, clean, dry air at 20-45 psi. 

SPECS: Kit includes H-5 single-action airbrush, 1/4" (6.4mm) x 6' (182.9cm) air hose w/couplings, 2 air caps, 1/4 fl. oz. (7.5 mL) color cup, 1 fl. oz. (30 mL) color bottle, 1 fl. oz. plain bottle, adjustment wrenches, hanger, and instructions.

- #697-105-000 H-5 Airbrush Kit, 7F55P96 \$ 64.99

BROWNELLS ... THE GUNSMITH'S CHOICE™


Orders: 800-741-0015

order on the web
brownells.com

BROWNELLS PAGE 411

BROWNELLS**HIGH TEMPERATURE MASKING TAPE**

Use With Oven-Cure Finishes—
Withstands 400° F Heat

Strong, yet flexible polyester tape withstands sustained temperatures up to 400° F (204° C), making it the perfect masking medium to use with Brownells Baking Lacquer, Gun-Kote™, Teflon®/Moly Oven Cure Gun Finish, and similar oven-cured finishing products. Minimal-bulk, .002" thick polyester backing conforms easily to curves and irregular shapes, yet won't shred when tape is removed. Translucent, so you can see the workpiece underneath as you apply the tape to help you position it precisely. Advanced silicone adhesive grabs tightly and won't pucker, and pulls off clean with no residue. 

SPECS: Polyester backing, green, silicon adhesive. Sold in 72 yard (65.8m) rolls, in widths listed below.

#080-000-611 1/4" High Temp Masking Tape, 8K4C42... \$ 4.99

#080-000-612 1/2" High Temp Masking Tape, 8K6J21... 6.99


#080-000-613 1" High Temp Masking Tape, 8K11E00... 11.99

#080-000-614 2" High Temp Masking Tape, 8K22M99... 22.99

6300 RESPIRATOR

Keep Your Lungs Safe & Clear; Top
Protection For Gunsmiths & Hobbyists



Don't take chances with your health — wear a respirator any time you apply Brownells spray-on finishes, grind, sand, or come in contact with any particulates that don't belong in your lungs. The NIOSH-approved 6300 Respirator provides superior protection from paint and pesticide vapors, solvents, glue, mists, and other airborne particulates. Flexible half-mask face piece is lightweight and comfortable to wear; dual elastic headbands won't pinch or bind. Disposable filter elements are easy to replace, plus the modular construction allows fast disassembly for cleaning. 

SPECS: Respirator Kit includes face piece, (2) organic vapor cartridges, (2) filters and (2) filter covers. 10.2 oz. (289g) wt.

#100-004-597 6300 Respirator Kit, 4H00CUI... \$ 42.99


#100-004-594 Replacement Particulate Filter, each, 6K2150... 2.99

#100-004-596 Replacement Filter Retainer, each, 4H00DAH... 2.99

**NIC INDUSTRIES
BABY SERIES SPRAY GUN**

Handles High-Viscosity Paint
Without Spitting



Miniature spray gun attaches to common shop air hoses and provides precise control over spray patterns, even with high-viscosity metallic paints. Gives performance similar to popular RG-3 spray gun. Spray pattern can be adjusted from round to full-fan shape. Gravity-feed cup will work with small amounts of paint without spitting, making it ideal for painting firearms. Cup rotates, allowing gun to spray from any angle or position. Includes spray gun, cup and air chuck. 

SPECS: Stainless steel spray gun and cup. Spray pattern adjusts from 1/8" (3mm) to 6" (15.2cm) wide

#100-014-852 Baby Series Spray Gun, 4N354C41... \$ 370.00

**GIVE YOUR GUN
THE CAMO
PATTERN YOU
NEED WITH**

**BROWNELLS®
SPRAY ON FINISHES**

**ALUMA-HYDE II®
GUN-KOTE™
BAKING LACQUER**

- Fast & easy to apply
- Many colors to choose from
- Tougher & more durable than paint
- Economical alternative to bluing or Parkerizing

**WATCH OUR SPRAY-ON
PAINT SERIES AT
brownells.com**



HOW-TO VIDEOS GET TIPS TO



**REPAIR,
CUSTOMIZE, &
MAINTAIN
YOUR GUNS**

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ONLINE**

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brownells.com**

**GUARANTEED. FOREVER.®
SINCE 1939**