

## *Metal Bluing Solution*







### **Metal Bluing Solution**

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### **Metal Bluing | Metal Prep & Coloring at Brownells**

How to Reblue a Gun. Bluing is a thin protective shell of black iron oxide (Fe<sub>3</sub>O<sub>4</sub>) intended to provide nominal protection against rusting for gun metal. Over time, however, this shell can wear away and need to be renewed to restore the...

### **How to Reblue a Gun (with Pictures) - wikiHow**

Bluing is a passivation process in which steel is partially protected against rust, and is named after the blue-black appearance of the resulting protective finish. True gun bluing is an electrochemical conversion coating resulting from an oxidizing chemical reaction with iron on the surface selectively forming magnetite (Fe<sub>3</sub>O<sub>4</sub>), the black oxide of iron.

### **Bluing (steel) - Wikipedia**

Bluing is an electrochemical conversion, where the surface of the steel is converted to a form of controlled rust called Magnetite (Fe<sub>3</sub>O<sub>4</sub>). While there are a few different types of bluing, one of the most durable forms is hot salt bluing.

### **Precision Bluing | America's #1 Bluing Company!**

Hot Versus Cold Bluing . Bluing may be applied, for example, by immersing the steel parts of the gun to be blued in a solution of potassium nitrate, sodium hydroxide, and water heated to the boiling point.

### **Real Gun Bluing: Gun Bluing Specialty Shop**

Rust is the orange-brown discoloration that builds up on metal. Rust is unattractive and can affect any metal objects and structures which are exposed to oxygen and moisture.

### **How to Prevent Rust | Metal Supermarkets**

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### **Rebluing and Metal Refinishing | Velocity Works, Guns ...**

A Tradition of Excellence. Turnbull Restoration Co., Inc. is the most recognized name in vintage firearm restoration, period correct metal finishes such as traditional color case hardening, charcoal bluing, rust bluing and nitre bluing, as well as custom reproductions of iconic firearms such as Winchester 1886 and Colt 1911.

### **Turnbull Restoration Company, Inc.**

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### **Blue Wonder Gun Care Products**

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### **Black Oxide Kits - Metal Antiquing - Caswell Inc**

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### **Plating Kits Electroplating Kits Aluminum Anodizing Kits ...**

Just The Facts. Parkerizing or Phosphating is a Metal Finish that really gained in popularity during WW2 when the US Government was looking to replace the typical blued finish on most small arms with a Rust Resistant and Anti Reflective Finish that would be both Durable and Abrasion Resistant and hold up in all weather extremes, for this they chose Parkerizing or Phosphating.

### **What Is Parkerizing**

Bluing. Subjecting the scale-free surface of a ferrous alloy to the action of air, steam, or other agents at a suitable temperature, thus forming a thin blue film of oxide and improving the appearance and resistance to corrosion.

### **Metal Glossary | Metal Supermarkets**

See the options we offer for your gun finishing. Hard Chrome offers the best all-around properties of any finish available for firearms that exists today. Hard Chrome, when applied to a steel, or stainless steel surface that has been properly prepared, will not chip or peel.

### **FINISHES - METAL FINISHES - Gunsmithing Excellence**

W.D Forbes is a full line chemical distributor and formulator of products that are used in the general metal finishing, anodizing and painting industries.

### **W.D. Forbes Company**

My first forays into making steel rust involved muriatic acid, which is dirt-cheap and available at most hardware stores. Used full strength, muriatic acid will pickle steel, removing rust and scale. However, if you treat the steel with a very diluted solution of muriatic acid, it will rust fairly rapidly.

### **How to make steel rust quickly - Code, Metal and Cleverness**

Parkerizing, bonderizing, phosphating, or phosphatizing is a method of protecting a steel surface from corrosion and increasing its resistance to wear through the application of a chemical phosphate conversion coating. Parkerizing is usually considered to be an improved zinc or manganese phosphating process, and not to be an improved iron phosphating process, although some use the term ...

### **Parkerizing - Wikipedia**

>> Marlin Trapper Carbine!:: By Marshall Stanton on 2005-07-16 Print This Tech Notes | Share This Tech Notes Marlin Trapper Carbine. This project grew out of both a desire for a trapper-style lever-gun and my dominating tinkerer's personality coupled with a huge helping of Scottish ancestral penny pinching.

### **Beartooth Bullets > Tech Notes > Marlin Trapper Carbine!**

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