



Time-tested, engineered black oxide coatings have the cosmetic advantages of deep blackening, proven protection, and oil or wax retention needed for lubricity on many types of visible assembly components such as:

- *Munitions*
- *Armaments*
- *Brackets*
- *Fasteners*
- *Knives*
- *Washers*
- *Hardware*
- *Hand Tools*
- *Gears*
- *Flanges*
- *Manifolds*
- *Bearings*
- *Machinery Components*
- *Sporting Goods*
- *Cutting Tools*
- *Fitness Equipment*
- *Housings*
- *Stampings*

Black Oxide conversion coatings provide an exceptional constellation of benefits on ferrous substrates including

RUST PROTECTION – with supplemental coatings, the system can achieve up to 6 days of salt spray resistance

LOW REFLECTIVITY – when there is a need to prevent detection, the coating can reduce glare

GEOMETRICAL STABILITY – the coating does not build thickness or reduce part size substantially

LUXURIOUS BLACK FINISH - highly polished alloys tend to be glossy, whereas mild steels will appear matte, but both can rival the appearance of quality paint without the cost

LUBRICATION - the coating holds oil or wax in place to aid in torquing threads or protecting mating parts from wear during break-in periods

PROMOTES ADHESION - of paint, dry films, or rubber adhesives over that of untreated surfaces

WELDABLE and CONDUCTIVE – does not generate significant fumes when welded, and causes only slight reduction in electrical conductivity

LOW PRICE- very competitive when compared to alternatives like painting

The Original House of Parkerizing

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105 years of experience, at your service

In October of 1918, The Parker Rust-Proof Company of Ohio became a job shop licensee of the Parker Rust-Proof Company of Detroit MI. During the next several years, there were tremendous break-throughs and discoveries in the rust-proofing process, and it was adopted by the automotive and appliance industry. During World War II, Parker played an important role in the defense industry; our coatings were applied to component parts of armaments, airplanes and tanks, stampings and fasteners. Today as we leave our 100th anniversary in the rear-view mirror, we are the only remaining original job shop licensee that still applies genuine Parkerizing, Parco Lubrite, and Bonderite/Bonderlube coatings that were developed by our namesake. We have acquired updated equipment, technical knowledge, and experience unequalled in our field. Our metal finishing specialties include zinc and manganese phosphate coatings, reactive and non-reactive lubricant soaps, blackening, spray coating, and cleaning. Both barrel and rack processing of production quantities and small lots of ferrous and non-ferrous materials is available; our four automated and manual processing lines can accommodate parts as large as 22 feet in length and as heavy as four thousand pounds. Regardless of the lot size, each order receives careful review and handling, quality treatment and prompt service. We are highly committed to meeting the aerospace, nuclear, military and industrial specifications required by our customers and have undertaken a rigorous schedule of quality testing and process development to accomplish this. Today, Parker's continuing expansion, along with our dedication to the highest quality standards in the industry and a strong emphasis on customer service has made us the first choice in metal finishing for customers around the world. Our trained and experienced laboratory staff stands behind their certifications. Each load is scrutinized for visual defects and subjected to the most rigorous tests in the industry before you receive it, so you never have to worry that your customer will be disappointed. Our customers trust us to do final inspection and, in many cases, package, + barcode, and ship the product to the final user without ever seeing the finished material. This improves your bottom line by minimizing inspection, transportation, and inventory costs. We coat to over 500 industrial, military, aerospace, and nuclear specifications, but if you don't see the one you are looking for on our website, we can develop and write a unique specification just like we have done for Cummins Engine and many other customers. Parker's excellent QA system is built to deliver total satisfaction, worry-free!

Since we first opened our doors, our primary motivating force has been you, the customer. We believe in customer satisfaction through quality production, and maintain a high level of commitment to exceptional customer service, including the fastest turnaround in the industry. It all adds up to a higher total value!
