

Firearm Coatings – What You Need To Know

Acceptable Parts

We can coat just about anything that is metal (conductive) and a single piece of steel. Metals we've coated include tool steels, stainless steels (300 and 400 series, 17-4, etc.), titanium, 4140, carbide, etc.

Unacceptable Parts

We do not coat assemblies, parts containing plastic, or metals that cannot withstand our 800°F coating temperature (aluminum, zinc alloys, brass, etc.). If you wanted to coat an assembly, it should be disassembled so the individual parts can be coated separately.

Other Surface Treatments

Parts to be coated need to have all other surface treatments removed, down to the bare steel. We can remove most surface treatments, using combinations of acid etching, diamond polishing and glass bead blasting. This is included in the coating cost.

The parts shown in the top right picture would be acceptable for coating, but would require acid etching and bead blasting before they could be coated.

The bottom picture shows a part that would require little additional prep work.



Polishing

We can polish most parts to a reflective finish. Polishing is labor intensive, so to keep the cost down we recommend you do as much as possible before sending us the parts.

Matte Finish

The least expensive finish to put on gun parts would be a matte finish, since this can be done with glass bead blasting. We prefer to apply matte finishes ourselves since this will provide the most uniform appearance.

Pricing

We TiN coat gun barrels for **\$125 each**. Pricing for other types of gun parts typically runs from a couple dollars up to about \$200, depending on size, surface prep requirements, quantity, type of coating, etc.

